



Media | Distribute

Installation and Configuration Guide

Version 2.10

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Using This Guide

This guide is intended for users of MediaCentral | UX with the Media | Distribute feature. This guide describes the installation and configuration procedures for Media Distribute, such as installing the Media Distribute software and configuring system accounts.

For information on using the publishing features of Media Distribute, see the *Media / Distribute User's Guide* or the MediaCentral | UX Help. For administrative information for MediaCentral | UX, see the *Avid MediaCentral / UX Administration Guide*.

1 Installation for Media | Distribute

Media Distribute is installed on the MediaCentral Platform Services (MCS) server as a plug-in that offers additional functionality within MediaCentral UX. The Media Distribute installation procedure assumes that you have a fully configured and functional MediaCentral Platform Services environment. If your MCS server or servers have not been installed and configured, see the *Avid MediaCentral Platform Services Installation and Configuration Guide* for detailed instructions.

The Media Distribute installation package is delivered as “Media_Distribute_<version>_Linux.zip”. You run the installation file itself from a shell script called `install.sh`. This installs the plug-in needed for MediaCentral UX to access the Media Distribute functionality, as well as the `avid-mdp` service which provides the functionality for Media Distribute workflows.

Because Media Distribute requires access to the Internet to publish packages to public websites, direct Internet access is often granted to the MediaCentral server. However, Media Distribute can also be configured to communicate with the Internet through a proxy server for additional security. For more information, see “[Using the Social Messages and Web Story Panes](#)” on page 21.

Depending on your workflow, the following components might be required by Media Distribute:

- iNEWS (for MCS configurations with iNEWS)
- Interplay Production Engine (for MCS configurations with Interplay Production)
- Interplay MAM (for MCS configurations with Avid Interplay Media Asset Manager)
- Avid Shared Storage Client



MediaCentral Platform Services includes a copy of both the Avid ISIS Client and the Avid NEXIS Client software. Verify the version of the Avid NEXIS or Avid ISIS client required for your environment and upgrade the client software if necessary. For more information, see the [Avid MediaCentral Platform Services Installation and Configuration Guide](#).

- MediaCentral Distribution Service
- Interplay Transfer Engine
- Interplay Production Services Engine
- Interplay Production Transcode provider (for creating video or audio mixdowns of Avid assets)
- Interplay Production STP Encode (only required if working with LongGOP media assets)
- An FTP server (for transferring assets between systems)
- A video transcoding host server such as Telestream Vantage or Harmonic ProMedia Carbon (depending on the workflow)
- Internet connection for publishing to social media sites



For specific information on software version compatibility, see the [Avid Knowledge Base](#): http://avid.force.com/pkb/articles/en_US/compatibility/Avid-Video-Compatibility-Charts

If you ever need to remove Media Distribute, see “[Removing Media Distribute](#)” on page 24.

Preparing the Installation Package

The Media Distribute software installation package (Media_Distribute_<version>_Linux.zip) is available to Avid Support representatives only and can be downloaded from the Avid Gold Build repository.

Creating the USB Installation Drive

Media Distribute is installed on the MediaCentral Platform Services server through a USB drive. The following process provides instructions to prepare the USB drive for use with the MCS server.

To prepare and mount a USB drive for Media Distribute installation:

1. On a Windows system, format a USB drive of at least 1GB in size as a FAT32 volume.
2. Obtain the Media Distribute installation package file (Media_Distribute_<version>_Linux.zip) from your Avid representative.
3. Copy the compressed installation file to the USB drive.
4. Remove the USB device from the Windows system.

Mounting the USB Installation Drive on the MCS Server

After the Media Distribute installer has been copied to a USB drive, the drive must be connected and mounted on the MCS server. The package must also be uncompressed to extract the installer script.

To mount the USB drive on the MCS server:

1. Connect the Media Distribute installation USB drive to the MCS server. If you are running a clustered configuration, connect the device to the cluster master node. Once the installation is complete on the master node, you must repeat this procedure for all non-master nodes.
2. Log into the MCS server (at the Linux prompt) as the `root` user.
3. Use the `display message` command to verify the name of the USB device:

`dmesg`

Information relating to the hardware appears on the screen.

Information for the USB drive appears at the end of the output, in the list of SCSI devices. The name of the USB drive is found inside square brackets (for example, `sdc`). This is the name you use to mount the drive.

The `dmesg` command displays a great deal of information which can be difficult to review in the Linux console. You can reduce the amount of information that `dmesg` returns by using the Linux `grep` command to show only items that contain certain text (such as “`sd`”). The following command can be used as an alternative:

`dmesg | grep sd`

4. Create a mount point for the USB device by typing the following:

`mkdir /media/usb`

If this directory already exists, the following message is displayed:

`mkdir: cannot create directory `~/media/usb': File exists`

5. Mount the USB key at the mount point you just created:

`mount -t vfat /dev/<volume><partition> /media/usb`

The mount command requires you to specify the volume and a partition on the volume that needs to be mounted. The process of formatting the USB device in Windows creates this partition.

In the following example, `sdc` is the volume and `1` (one) is the partition number:

```
mount -t vfat /dev/sdc1 /media/usb
```

The USB device is now mounted and available for use.

6. Verify the USB key has been mounted: `df -h`

Information is displayed about all mounted file systems and devices, and should include information about the USB drive, similar to the following (some output omitted for clarity):

Filesystem	Size	Used	Avail	Use%	Mounted on
<code>/dev/sdc1</code>	7.5G	5.3G	2.2G	71%	<code>/media/usb</code>

7. Navigate to the mount point for the USB drive:

```
cd /media/usb
```

8. Unzip the Media Distribute installer package by typing the following command:

```
unzip Media_Distribute_<version>_Linux.zip
```

The installer is compressed within a `.tar.gz` container which must be unpacked to reveal the Media Distribute installer script.

9. Unpack the Media Distribute installation file by typing the following command:

```
tar -xzf Media_Distribute_<version>_<build>_Linux.tar.gz
```

The compressed file extracts to a subfolder within the target directory called `Media_Distribute_<version>_<build>_Linux`.

The process for installing Media Distribute is different for single-server and clustered environments.

- If you are running MCS on a single-server, see “[Installing or Upgrading Media | Distribute on a Single Server](#)” on page 10 to continue the installation process.
- If your configuration consists of a set of clustered MediaCentral servers, see “[Installing or Upgrading Media | Distribute in a Cluster Environment](#)” on page 13 to continue the installation process.

Installing or Upgrading Media | Distribute on a Single Server

The following process details the steps required to install or upgrade Media Distribute on a single MediaCentral Platform Services server. During the installation, the PostgreSQL database is updated for use with the Media Distribute service.

The procedure for upgrading Media Distribute follows the same process as that of a new installation. The existing packages are simply overwritten with new versions during the upgrade process.



When you upgrade your version of Media Distribute, all system and user settings are saved. You do not need to create new settings. However if the software update includes new features, you might need to modify your settings to activate the features. For a list of new features, see the ReadMe documentation that came with your version of MediaCentral UX. For information on setting up account profiles, see “[Configuring System Accounts for Media / Distribute](#)” on page 59.



The process of installing Media Distribute includes a restart of some core services. This process disconnects all users logged in to MediaCentral UX. Ensure that all users save their sessions and log off during the installation or upgrade procedures.

To install or upgrade Media Distribute:

1. Complete the process for “Mounting the USB Installation Drive on the MCS Server” on page 9.

2. Navigate to the installation directory on the USB drive:

```
cd Media_Distribute_<version>_<build>_Linux
```

3. Run the installation script:

```
./install.sh
```

The period-slash “./” in this command tells Linux to look for the script in the current directory.



The PostgreSQL database is updated with a custom user name of mpduser and a password of resudpm. The necessary database tables and schema in PostgreSQL database are also created.

4. Once the installation process is complete, verify that the packages have been installed by typing the following command:

```
/usr/share/apache-servicemix/bin/mpd_version
```

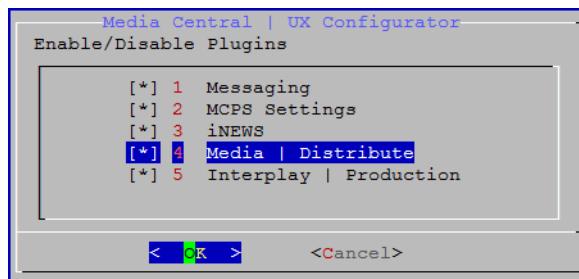
The command returns the installed versions of ServiceMix and Media Distribute. For example:

ServiceMix	Version: 4.5.1
MPD	Version: 2.9.0.20161221_164247
MPD UI	Version: 2.9.0.20161221_164247

Additional service packages might also be listed when using this command.

5. Type the following to open the MediaCentral UX Configurator:

```
/opt/avid/avid-interplay-central/configurator
```



An asterisk symbol indicates that a particular option is enabled. Verify that the Media Distribute plug-in is enabled within the Configurator as shown above.

6. Select OK to exit the MediaCentral UX Configurator.

A dialog box opens and asks if you want to restart the MediaCentral services. Use the Tab key to select Yes and press Enter.



When you restart the services, all users currently logged on to MediaCentral UX are logged out. Restarting the services is a required step in this process. Do not simply select Cancel and exit the tool.

7. With the Media Distribute installation complete, it is important to verify the connection to the ServiceMix tool. To verify the connection, complete the following steps:

a. Type the following:

```
ssh Administrator@localhost -p 8101
```

If prompted to verify the DSA key fingerprint, type **yes** to continue to connect to the ServiceMix interface.

b. Enter the Administrator password: **avid**

A successful connection to the ServiceMix tool should look similar to the following:

```
[root@wavd-mcs01 ~]# ssh Administrator@localhost -p 8101
The authenticity of host '[localhost]:8101 ([::1]:8101)' can't be established.
DSA key fingerprint is 22:f1:ac:34:69:9b:2e:7d:b0:2d:b3:dd:b6:0a:03:77.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '[localhost]:8101' (DSA) to the list of known hosts.
Administrator@localhost's password:

Apache ServiceMix (4.5.1)

Hit '<tab>' for a list of available commands
and '[cmd] --help' for help on a specific command.
Hit '<ctrl-d>' or 'osgi:shutdown' to shutdown ServiceMix.

Administrator@root>
```

c. Verify that the services are running properly by entering the **list** command, and pressing Enter.

If the ServiceMix installation is successful, all account endpoints should be listed as “Active” and the “Social Media Integration Routes” endpoint should be listed as “Started.”

```
[ 231] [Active] [ ] [ ] [ ] [ ] [ 80] Pulse Component Service
[ 232] [Active] [ ] [ ] [ ] [ ] [ 80] Pulse Workflow Manager
[ 233] [Active] [ ] [ ] [Started] [ ] [ 80] Social Media Integration
[ 234] [Active] [ ] [ ] [ ] [ ] [ 80] MPD Bridge API (2.9.0.20
[ 235] [Active] [ ] [ ] [ ] [ ] [ 80] MPD Bridge Service (2.9.
[ 243] [Active] [ ] [ ] [ ] [ ] [ 50] Apache ServiceMix :: Spe
[ 244] [Active] [ ] [ ] [ ] [ ] [ 50] Apache ServiceMix :: Bun
[ 245] [Active] [ ] [ ] [ ] [ ] [ 50] Apache ServiceMix :: Bun
[ 246] [Active] [ ] [ ] [ ] [ ] [ 50] JRuby 1.7.2 (1.7.2)
[ 247] [Active] [ ] [ ] [ ] [ ] [ 50] Commons Collections (3.2
[ 248] [Active] [ ] [ ] [ ] [ ] [ 50] Apache ServiceMix :: Bun
Administrator@root> [redacted]
```

 *If all endpoints are not active or if the “Social Media Integration Routes” endpoint is not started, ServiceMix might not have completed restarting. Wait a moment and then retry these steps.*

d. Type **logout** to quit the ServiceMix tool.

8. Unmount the USB drive from the MediaCentral server by completing the following steps:

a. Type **cd** to change to the Linux root directory and navigate away from the USB drive mount.

b. Type the following to unmount the volume:

```
umount /media/usb
```

c. Physically remove the USB drive from the server.

Installing or Upgrading Media | Distribute in a Cluster Environment

The procedures in this section assume you have already configured your MediaCentral Platform Services servers in a clustered environment and that you have verified failover functionality. For more information on configuring the MediaCentral servers in a cluster, see the *Avid MediaCentral Platform Services Installation and Configuration Guide*.

The procedure for upgrading Media Distribute follows the same process as that of a new installation. The existing packages are simply overwritten with new versions during the upgrade process. If necessary, you can restore some of the original files by using the backup configuration files already in your configuration once the upgrade completes. For other files — for example, the Avid Publish Service configuration files — you must edit the new versions if you made any customizations to the original configuration.



When you upgrade your version of Media Distribute, all system and user settings are saved. You do not need to create new settings. However if the software update includes new features, you might need to modify your settings to activate the features. For a list of new features, see the ReadMe documentation that came with your version of MediaCentral UX. For information on setting up account profiles, see “Configuring System Accounts for Media / Distribute” on page 59.

Installing Media Distribute in a cluster entails the following steps:

- [“Identifying the Master and Non-Master Nodes” on page 14](#)

Media Distribute is installed on all cluster nodes, but some installation steps are completed on the Master node only, so it is important to know the role of each node before beginning the process.

- [“Identifying the Virtual Cluster IP” on page 14](#)

The virtual cluster IP address must be clearly identified as you are required to manually add this information to multiple configuration files after the installation is complete.

- [“Installing or Upgrading Media | Distribute” on page 15](#)

This process installs the software on each of the cluster nodes.

- [“Configuring Media | Distribute on the Master Node” on page 16](#)

After the installation, multiple configuration files need to be updated with custom information.

- [“Configuring Media | Distribute on Non-Master Nodes” on page 18](#)

This process updates the configuration files on the non-master nodes.

- [“Restarting PostgreSQL Service and Verifying the Cluster Installation” on page 19](#)

This process validates changes to the PostgreSQL database and tests cluster failover.

- [“Verifying the Connection to ServiceMix” on page 20](#)

Checks the connection to the ServiceMix tool from each cluster node.



The process of installing Media Distribute includes a restart of some core services. This process disconnects all users logged in to MediaCentral UX. Ensure that all users save their sessions and log off during the installation or upgrade procedures.

Identifying the Master and Non-Master Nodes

There are three types of nodes in a cluster: *master*, *slave*, and *load-balancing*. The master “owns” the cluster IP address. The slave assumes the role of master in the event of a failover. Any additional nodes play a load-balancing role, but can never take on the role of master.

Prior to beginning the installation, identify the current role of each cluster node.

To identify the master, slave, and load-balancing nodes:

1. Identify the master node of the cluster through the Cluster Resource Monitor. Log in to any machine in the cluster as *root* and type:

crm_mon

2. To identify the master and slave, look for the line containing “Master/Slave Set.”

For example:

```
Master/Slave Set: ms_drbd_postgres [drbd_postgres]
Masters: [ wavd-mcs01 ]
Slaves: [ wavd-mcs02 ]
```

In this example, the master node is *wavd-mcs01* and the slave node is *wavd-mcs02*.

3. To identify the load-balancing nodes, look for the line containing “Clone Set.”

For example:

```
Clone Set: AvidAllEverywhere [AvidAll]
Started: [ wavd-mcs01 wavd-mcs02 wavd-mcs03 wavd-mcs04 ]
```

In this example, the load-balancing nodes are *wavd-mcs03* and *wavd-mcs04*.

4. Exit *crm_mon* by pressing CTRL-C on the keyboard.

Identifying the Virtual Cluster IP

Some files used in the configuration of Media Distribute require the virtual cluster IP. Prior to beginning the installation, identify the IP address assigned to the cluster.

To identify the virtual cluster IP:

- Log in to the **master node** of the cluster and type the following command: **ifconfig**

The following is an example of the output of a typical network interface configuration. The virtual cluster IP is the IP assigned to the 'eth0:c10' network adapter.

In this example, the virtual cluster IP is 192.168.10.50:

```
eth0  Link encap:Ethernet  HWaddr 00:26:55:E6:83:E1
      inet  addr:192.168.10.51  Bcast:192.168.10.255  Mask:255.255.255.0
            inet6 addr: fe80::226:55ff:fee6:83e1/64  Scope:Link
                  UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
                  RX packets:4321802  errors:0  dropped:0  overruns:0  frame:0
                  TX packets:3628475  errors:0  dropped:0  overruns:0  carrier:0
                  collisions:0  txqueuelen:1000
                  RX bytes:1374391088 (1.2 GiB)  TX bytes:1086706641 (1.0 GiB)

eth0:c10  Link encap:Ethernet  HWaddr 00:26:44:E6:83:E1
          inet  addr:192.168.10.50  Bcast:192.168.10.255  Mask:255.255.255.0
                  UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
                  Interrupt:38  Memory:fbde0000-fbe00000
```

```

lo  Link encap:Local Loopback
    inet addr:127.0.0.1  Mask:255.0.0.0
    inet6 addr: ::1/128 Scope:Host
        UP LOOPBACK RUNNING  MTU:16436  Metric:1
        RX packets:7331022 errors:0 dropped:0 overruns:0 frame:0
        TX packets:7331022 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:8040287442 (7.4 GiB)  TX bytes:8040287442 (7.4 GiB)

```

Installing or Upgrading Media | Distribute

If you install Media Distribute in a cluster environment, you must install it first on the master node of the cluster since the database service runs on this node. The installation process updates the PostgreSQL database for the Media Distribute service. These updates can only be completed on the node running PostgreSQL service. After completing the installation of Media Distribute on the master node, you must repeat the process to install the software on all non-master nodes.



Prior to installing Media Distribute in a cluster, make sure that all cluster nodes are online. During the installation, changes are made to the PostgreSQL database. If the cluster is in standby mode, this does not occur and the installation fails.

To install or upgrade Media Distribute:

1. Complete the process for “[Mounting the USB Installation Drive on the MCS Server](#)” on page 9.
2. Navigate to the installation directory on the USB drive:

```
cd Media_Distribute_<version>_<build>_Linux
```

3. Run the installation script:

```
./install.sh
```

The period-slash “./” in this command tells Linux to look for the script in the current directory.



For master node installations, a default user in the PostgreSQL database is created with a user name of mpduser and a password of resudpm. The necessary database tables and schema in PostgreSQL database are also created.

4. Once the installation process is complete, verify that the packages have been installed by typing the following command:

```
/usr/share/apache-servicemix/bin/mpd_version
```

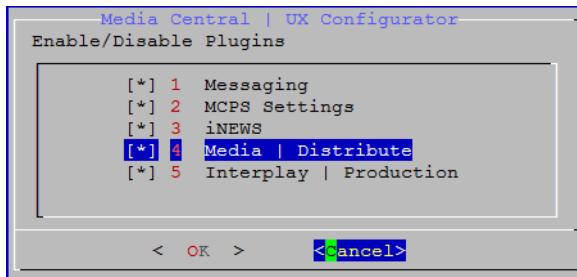
The command returns the installed versions of ServiceMix and Media Distribute. For example:

ServiceMix	Version: 4.5.1
MPD	Version: 2.9.0.20161221_164247
MPD UI	Version: 2.9.0.20161221_164247

Additional service packages might also be listed when using this command.

5. Type the following to open the MediaCentral UX Configurator:

```
/opt/avid/avid-interplay-central/configurator
```



An asterisk symbol indicates that a particular option is enabled. Verify that the Media Distribute plug-in is enabled within the Configurator as shown above.

Use the Tab key to select `Cancel` and press Enter to exit the Configurator.

6. Unmount the USB drive from the MediaCentral server by completing the following steps:

- Type `cd` to change to the Linux root directory and navigate away from the USB drive mount.
- Type the following to unmount the volume:

```
umount /media/usb
```

- Physically remove the USB drive from the server.

7. Repeat steps 1 - 6 of this procedure on all non-master nodes.



When installing Media Distribute on the non-master nodes, you might see the following message: "Not running a database PG on localhost. Please enter IP of database server." If you see this message, press Enter. You do not need to provide an IP address for your database server when installing Media Distribute on a non-master node.

8. After Media Distribute has been installed on all cluster nodes, restart the AvidIPC cluster resource from any node to restart the `avid-interplay-central` service and enable Media Distribute:

```
crm resource restart AvidIPC
```



When you restart the resource, all users currently logged on to MediaCentral UX are logged out. Restarting the services controlled by the cluster resource might take up to a minute.

Configuring Media | Distribute on the Master Node

After you install Media Distribute, you must edit several configuration and property files and restart services on the master cluster node.

Although multiple text editors exist, the tool used throughout this document is "vi". If needed, a short introduction to vi is included in the *MediaCentral Platform Services Concepts and Clustering Guide*.

To configure PostgreSQL to allow remote hosts access to the Media Distribute database:

1. Using the Linux vi editor, open the PostgreSQL configuration file for editing:

```
vi /mnt/drbd/postgres_data/pg_hba.conf
```

2. Add the following information on a new line at the end of the file:

```
host      mpd      mpduser      0.0.0.0/0          trust
```

3. Save and exit the vi session. Press <ESC> and type: :wq

To configure the User Management Service (UMS) properties file (new installation only):

1. Using the Linux vi editor, open the UMS properties file for editing:

```
vi /usr/share/apache-servicemix/config/application.properties
```

2. Remove the “#” character from the beginning of the following line:

```
#com.avid.mpd.uls.host.retriever=application.properties
```

3. Using the arrow keys, navigate to the line containing the parameter for:

```
com.avid.osgi.uls.host=
```

4. Replace the default UMS REST address of `https://localhost:10443/ws/rest` with the cluster’s virtual IP address. For example:

```
com.avid.osgi.uls.host=https://192.168.10.50:10443/ws/rest
```

5. Save and exit the vi session. Press <ESC> and type: :wq

To configure PostgreSQL to allow remote hosts access to the Media Distribute database (new installation only):

1. Using the Linux vi editor, open the Media Distribute database configuration file for editing:

```
vi /etc/apache-servicemix/avid-mpd-wrapper.conf
```

2. Locate the following line in the configuration file:

```
#set.default.DB_HOST=hostname or IP
```

3. Remove the “#” character from the beginning of this line:

```
set.default.DB_HOST=hostname or IP
```

4. Replace the `hostname or IP` value with the cluster’s virtual IP address. For example:

```
set.default.DB_HOST=192.168.10.50
```

5. Save and exit the vi session. Press <ESC> and type: :wq

To modify the bus configuration file (new installation only):

1. Navigate to the directory containing the MediaCentral configuration file:

```
cd /etc/apache-servicemix
```

2. Using the Linux vi editor, open the following configuration file for editing:

```
vi com.avid.acs.bus.broker.rabbitmq.RabbitMqBusAccessFactory.cfg
```

3. Using the arrow keys, navigate to the line containing the parameter for:

```
brokerConnectURL=
```

4. Replace the default URL of `amqp://localhost/acs` with the cluster’s virtual IP address. For example:

```
brokerConnectURL=amqp://192.168.10.50/acs
```

5. Save and exit the vi session. Press <ESC> and type: :wq

6. After this file has been saved, restart the Media Distribute service:

```
service avid-mpd clean-restart
```

To restore and move the Servicemix configuration files (upgraded systems only):

- ▶ For Media Distribute upgrades, restore the Servicemix configuration files by doing the following:

- a. Type the following to navigate to the Servicemix directory:

```
cd /etc/apache-servicemix/
```

- b. Type the following commands to restore the backup configuration files:

```
mv avid-mpd-wrapper.conf.rpmsave avid-mpd-wrapper.conf
```

```
mv com.avid.acs.bus.broker.rabbitmq.RabbitMqBusAccessFactory.cfg.rpmsave
com.avid.acs.bus.broker.rabbitmq.RabbitMqBusAccessFactory.cfg
```

Configuring Media | Distribute on Non-Master Nodes

The configuration files that you just edited on the master node also be edited on the non-master nodes. Since the configuration and property files need to be identical on all nodes, you can simply copy the edited files from the master to the non-master nodes.

To copy the edited Media Distribute files from the master to the non-master nodes:

1. From the cluster master node, enter the following commands to copy the configuration files to the non-master nodes:

```
scp /etc/apache-servicemix/avid-mpd-wrapper.conf
root@<hostname>:/etc/apache-servicemix/
```

Where *<hostname>* is the host name of your non-master node.

2. After issuing the above command, Linux might display the following message:

```
The authenticity of host '<hostname (IP address)>' can't be established.
RSA key fingerprint is <fingerprint alphanumerical id>.
Are you sure you want to continue connecting (yes/no)?
```

If this occurs, type: **yes**

The terminal window displays the following message:

```
Warning: Permanently added '<hostname, IP address>' (RSA) to the list of
known hosts.
```

If prompted for a password, type the password for your **root** user account.

The edited files are copied to the non-master node.

3. From the cluster master node, enter the following commands to copy the remaining configuration files to the non-master nodes:

```
scp /etc/apache-servicemix/com.avid.acs.bus.broker.rabbitmq.RabbitMqBusAccessFactory.cfg
root@<hostname>:/etc/apache-servicemix/
```

```
scp /usr/share/apache-servicemix/config/application.properties
root@<hostname>:/usr/share/apache-servicemix/config/
```

Where *<hostname>* is the host name of your non-master node.

4. Once the three configuration files have been copied, restart the Media Distribute service on the non-master node:

```
service avid-mpd clean-restart
```

5. Repeat steps 1 - 4 for each non-master node.

Restarting PostgreSQL Service and Verifying the Cluster Installation

Before you verify your Media Distribute installation on the master and non-master nodes, you need to perform a failover of the servers. This restarts the PostgreSQL service and validates the mpduser. It also tests your new installation and verifies that both Media Distribute and MediaCentral Platform Services are running properly.



For more information about cluster failover procedures, see the Avid MediaCentral Platform Services Concepts and Clustering Guide.

To perform a failover and verify your installation:

1. Open a terminal window and log in to any non-master node in the cluster as the `root` user.
2. Open the Cluster Resource Monitor to view the status of the cluster resources:

`crm_mon -f`

In addition to the resource status information, the Migration Summary and Failed Actions (if applicable) sections displayed at the bottom of the screen shows errors and fail counts per node.

3. Place the master node in standby by typing the following command and pressing Enter:

`crm node standby <hostname>`

Replace `<hostname>` with the hostname of the master node — for example, wavd-mcs01.

4. Monitor the Cluster Resource Monitor on the non-master node.

As the master node enters standby, the former slave node becomes the new master. It takes ownership of the cluster IP address, the PostgreSQL database, and other resources.

Be patient as this process takes several moments to complete

5. When the updated cluster is stable, take former master node out of standby mode by typing the following command and pressing Enter:

`crm node online <hostname>`

Replace `<hostname>` with the name of the standby node (e.g. wavd-mcs01).

The node is brought back up and takes the role of the cluster slave node.

6. Monitor the Cluster Resource Monitor on the non-master node.

When the standby node comes back online, verify that its status is that of the slave node.

7. Repeat the process to test failover in the opposite direction.

As the master node goes into standby node, the status of the slave node returns to that of the master node. When the standby node comes back online, its status is that of the slave node.

Verifying the Connection to ServiceMix

With the Media Distribute installation complete, it is important to verify the connection to the ServiceMix tool. This process must be completed locally on each cluster node.

To verify the ServiceMix installation:

1. Type the following to access the ServiceMix tool:

```
ssh Administrator@localhost -p 8101
```

If prompted to verify the DSA key fingerprint, type **yes** to continue to connect to the ServiceMix interface.

2. Enter the Administrator password: **avid**

A successful connection to the ServiceMix tool should look similar to the following:

```
[root@wawd-mcs01 ~]# ssh Administrator@localhost -p 8101
The authenticity of host '[localhost]:8101 ([::1]:8101)' can't be established.
DSA key fingerprint is 22:f1:ac:34:69:9b:2e:7d:b0:2d:b3:dd:b6:0a:03:77.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '[localhost]:8101' (DSA) to the list of known hosts.
Administrator@localhost's password:
[REDACTED]
Apache ServiceMix (4.5.1)

Hit '<tab>' for a list of available commands
and '[cmd] --help' for help on a specific command.
Hit '<ctrl-d>' or 'osgi:shutdown' to shutdown ServiceMix.

Administrator@root>
```

3. Verify that the services are running properly by entering the `list` command, and pressing Enter.

If the ServiceMix installation is successful, all account endpoints should be listed as “Active” and the “Social Media Integration Routes” endpoint should be listed as “Started.”

```
[ 231] [Active] [ ] [ ] [ ] [ ] [ 80] Pulse Component Service
[ 232] [Active] [ ] [ ] [ ] [ ] [ 80] Pulse Workflow Manager
[ 233] [Active] [ ] [ ] [Started] [ ] [ 80] Social Media Integration
[ 234] [Active] [ ] [ ] [ ] [ ] [ 80] MPD Bridge API (2.9.0.20
[ 235] [Active] [ ] [ ] [ ] [ ] [ 80] MPD Bridge Service (2.9.
[ 243] [Active] [ ] [ ] [ ] [ ] [ 50] Apache ServiceMix :: Spe
[ 244] [Active] [ ] [ ] [ ] [ ] [ 50] Apache ServiceMix :: Bun
[ 245] [Active] [ ] [ ] [ ] [ ] [ 50] Apache ServiceMix :: Bun
[ 246] [Active] [ ] [ ] [ ] [ ] [ 50] JRuby 1.7.2 (1.7.2)
[ 247] [Active] [ ] [ ] [ ] [ ] [ 50] Commons Collections (3.2
[ 248] [Active] [ ] [ ] [ ] [ ] [ 50] Apache ServiceMix :: Bun
Administrator@root>
```



If all endpoints are not active or if the “Social Media Integration Routes” endpoint is not started, ServiceMix might not have completed restarting. Wait a moment and then retry these steps.

4. Type **logout** to quit the ServiceMix tool.

Modifying Media Distribute to Work with a Proxy Server

Media Distribute requires a connection to the public Internet to post packages to sites such as Facebook or Twitter. This connectivity requirement might create potential security issues for certain customers. For secure deployment considerations, you can configure Media Distribute to communicate with the Internet through a proxy server.

Using a proxy server — such as a Squid server or any other proxy server running on another machine in the network — allows you to restrict the ports that Media Distribute and its dependent systems use to communicate with the Internet. This solution involves configuration changes only and does not affect the existing Media Distribute installation process. After installing Media Distribute, you need to modify certain configuration file to include the proxy settings to ensure that all requests and responses go through the proxy server. After restarting the appropriate Media Distribute services, external traffic is forwarded to the proxy server.

You can also specify some systems in your configuration to bypass the proxy server. This can be useful in some configurations where you need to access the intranet — for example, when using a Vantage transcoder — where direct access works better.

Depending on how you use Media Distribute, you might need to alter one or more files to configure the system to operate through a proxy server. The following two sections include information on configuring Media Distribute to use a proxy server:

- [Using the Social Messages and Web Story Panes](#)
- [Using the Distribution Pane](#)

See the documentation that came with your proxy server for information on how to configure it for proxy operation. The following processes assume that the proxy server is available and fully configured.

If your MediaCentral servers are configured in a cluster, complete the following processes on the master node first. Once complete, repeat the processes on all non-master nodes.

Using the Social Messages and Web Story Panes

When using either the Social Messages or Web Story panes, you must configure the proxy server with the following information:

- IP addresses of all ServiceMix instances, so that only data originating from Media Distribute are allowed to the proxy server
- Social media targets for the destination domains — for example, api.twitter.com

To modify the configuration file for using ServiceMix with a proxy server:

1. Navigate to the directory containing the Media Distribute database configuration file:
`cd /etc/apache-servicemix`
2. Using the Linux text editor, vi, open the avid-mdp-wrapper.conf file for editing:
`vi avid-mdp-wrapper.conf`
3. Locate the section called Proxy configuration, and then type **i** (lower case “i”) to enter insert mode.

4. Locate the following lines, type **i** (lower case “i”) to enter insert mode, and then use the arrow keys and backspace to erase the **#** (comment indicator) on all lines except those for setting the proxy user name and proxy password (these are optional parameters):

```
#wrapper.java.additional.n=-Dhttp.proxySet=true
#wrapper.java.additional.n=-Dhttp.proxyHost=<the proxy host>
#wrapper.java.additional.n=-Dhttp.proxyPort=<the proxy port>
#wrapper.java.additional.n=-Dhttp.proxyUser=<the proxy username>
#wrapper.java.additional.n=-Dhttp.proxyPassword=<the proxy password>
#wrapper.java.additional.n=-Dhttps.proxySet=true
#wrapper.java.additional.n=-Dhttps.proxyHost=<the proxy host>
#wrapper.java.additional.n=-Dhttps.proxyPort=<the proxy port>
#wrapper.java.additional.n=-Dhttps.proxyUser=<the proxy username>
#wrapper.java.additional.n=-Dhttps.proxyPassword=<the proxy password>
```

5. (Optional) If you want to specify systems to bypass the proxy server, add the following line:

```
#wrapper.java.additional.n=-Dhttp.nonProxyHosts=<the proxy hosts>
```

For example, you might be connecting to a transcode server that is in your network and you do not want or need that traffic passing through the proxy server. In this case, you could add the IP address, short hostname, or FQDN to this line. The server hosting the MediaCentral Distribution Service (MCDS) is another possible example of a machine that might be added to this field.

If you add this line to the file, Avid recommends matching the information that is added to the profile in the MediaCentral UX System Settings. For example, if you enter the transcode server’s IP address in the system settings, add the IP address to this line. If you plan to enter the FQDN, enter the FQDN here.



You can add systems to this exclusion by separating them with a pipe symbol (|).

6. Delete the numeral variable (.n) and number the lines for which you have removed the comment indicator.
7. Delete the *<proxy host>* or *<proxy port>* variable and then replace it by typing the IP address of your proxy server or by typing the port configured by your proxy server for both the HTTP and HTTPS settings.



Typically the proxy port is 3128.

The modified configuration should look like the following example:

```
wrapper.java.additional.1=-Dhttp.proxySet=true
wrapper.java.additional.2=-Dhttp.proxyHost=12.345.67.89
wrapper.java.additional.3=-Dhttp.proxyPort=3128
#wrapper.java.additional.n=-Dhttp.proxyUser=<the proxy username>
#wrapper.java.additional.n=-Dhttp.proxyPassword=<the proxy password>
wrapper.java.additional.4=-Dhttps.proxySet=true
wrapper.java.additional.5=-Dhttps.proxyHost=12.345.67.89
wrapper.java.additional.6=-Dhttps.proxyPort=3128
```

```
#wrapper.java.additional.n=-Dhttps.proxyUser=<the proxy username>
#wrapper.java.additional.n=-Dhttps.proxyPassword=<the proxy password>
```

8. Press the Escape key to return to command mode, then type :wq and press Return to write and quit the text editor.

9. To restart the MediaCentral service, type the following command:

```
service avid-mpd restart
```

Using the Distribution Pane

Introduced in Media Distribute v2.7.0, the Distribution pane uses avid-publish-* services rather than the original ServiceMix connectors. If using this pane, you must configure the individual services to communicate with the proxy server.



You only need to configure the services that you plan to use. If you only plan to use the YouTube service and not the Twitter service for instance, only the YouTube service needs to be adjusted.

To modify configuration files for using the Distribution pane with a proxy server:

1. Navigate to the directory containing the Media Distribute service files:

```
cd /opt/avid/sbin/
```

2. Use the Linux `list` command to show the Media Distribute “publish” packages included in this directory:

```
ls avid-publish*
```

Output similar to the following is displayed:

```
avid-publish-amazon-s3    avid-publish-flickr    avid-publish-vimeo
avid-publish-brightcove  avid-publish-kaltura  avid-publish-youtube
avid-publish-facebook     avid-publish-twitter
```

These are the files that must be altered to enable a proxy server workflow with the Distribution pane.

3. Open the desired configuration file for editing. For example:

```
vi avid-publish-youtube
```

4. Locate the following lines in the file (located near the beginning of the file):

```
# Add default JVM options here. You can also use JAVA_OPTS and
AVID_PUBLISH_<connector>_OPTS to pass JVM options to this script.
DEFAULT_JVM_OPTS=""
```

5. Add the proxy server’s http and https connection information within the quotes:

```
DEFAULT_JVM_OPTS="-Dhttp.proxyHost=<http_IP> -Dhttp.proxyPort=<http_port>
-Dhttps.proxyHost=<https_IP> -Dhttps.proxyPort=<https_port>"
```

Where the following variables are used:

- <http_IP> — The IP address of the proxy server used for HTTP communication.
- <http_port> — The port on the proxy server used for HTTP communication.
- <https_IP> — The IP address of the proxy server used for HTTPS communication.
- <https_port> — The port on the proxy server used for HTTPS communication.

The following example shows a completed configuration change:

```
DEFAULT_JVM_OPTS="-Dhttp.proxyHost=192.168.10.220 -Dhttp.proxyPort=3128
-Dhttps.proxyHost=192.168.10.220 -Dhttps.proxyPort=3129"
```

6. Save and exit the vi session. Press **<ESC>** and type: **:wq**
7. To activate the change, restart the service associated with the file you just updated. For example:
`service avid-publish-youtube restart`
8. Repeat the process above to update additional services as required by your workflow.

Removing Media Distribute

If you need to uninstall the software, Media Distribute v2.10 includes a script that quickly and easily removes the Distribute components for you. If you are uninstalling the software in a cluster configuration, begin the following process from the master node.



When you remove Media Distribute, the Media Distribute Producer role remains in MediaCentral UX.

To remove Media Distribute:

1. Refer to the process for “[Preparing the Installation Package](#)” on page 9 to create a USB drive loaded with the Media Distribute software.
2. Once the software package is unpacked, run the uninstall script from the USB drive:

```
./uninstall.sh
```



Be sure to use the dot-slash (“.”) notation, which tells Linux to look for the script in the current directory. Otherwise you will receive the following error message:

```
-bash: uninstall.sh: command not found
```

3. If in a cluster configuration, repeat the above two steps on all cluster nodes in any order.
4. To complete the uninstall process, type one of the following commands to restart the MediaCentral services:
 - ▶ For single-server systems: `service avid-interplay-central restart`
 - ▶ For cluster configurations: `crm resource restart AvidIPC`

If you need to reinstall Media Distribute, see “[Installing or Upgrading Media | Distribute on a Single Server](#)” on page 10 or “[Installing or Upgrading Media | Distribute in a Cluster Environment](#)” on page 13.

2 Configuration for Media | Distribute

Before you use Avid Media Distribute to publish your content to multiple channels and devices, you need to configure MediaCentral | UX for each platform or service you want to use for publishing. This allows you to link your media packages and iNEWS stories with distribution to the Web and to social media outlets and assists you with automating file preparation and transcoding.

Before you configure your system accounts, you need to need to configure MediaCentral UX for Media Distribute. For more information, see the following topics:

- [“Assigning Media | Distribute Roles” on page 25](#)
- [“Configuring the Transcode Route” on page 30](#)

You can then configure your system and user accounts for Media Distribute:

- [“Configuring System Accounts for Media | Distribute” on page 54](#)
- [“Configuring User Profiles for Media | Distribute” on page 114](#)

Once you have configured your platforms and services, users can log in to MediaCentral UX and start working with the application. For more information on using MediaCentral UX, see the *Avid MediaCentral UX User’s Guide*.

Verifying Your Media | Distribute Installation

Before you start to configure Media Distribute, you can test your installation to verify that all Media Distribute components are functioning correctly.

To verify your Media Distribute installation:

1. Sign in to MediaCentral UX as an administrator.
2. Click the Layout selector and select Media Distribute.

If Media Distribute has installed correctly, the following panes display in the Media Distribute layout:

- Social Message
- Web Story
- Packages

Assigning Media | Distribute Roles

Media Distribute provides two basic roles for publishing to multiple platforms and managing the layouts and permissions associated with them. Before you assign roles, you need to set up an administrative account for Media Distribute. Once this administrative account appears in the System Settings, the necessary roles are available for Media Distribute.

If your MediaCentral configuration includes iNEWS, you need to assign an Advance License to the two Media Distribute roles before you assign these roles to users. For Interplay Production configurations, you can use the default Basic License type for these roles.

For more information about licenses and roles, see the *Avid MediaCentral / UX Administration Guide*.

When you have set up an administrative account and assigned the appropriate license type, you can then assign either the Advance Journalist or the Media Distribute Producer role to Media Distribute users. Only Media Distribute Producers have access to the review and approval features in the Packages pane.

You can assign roles in two ways:

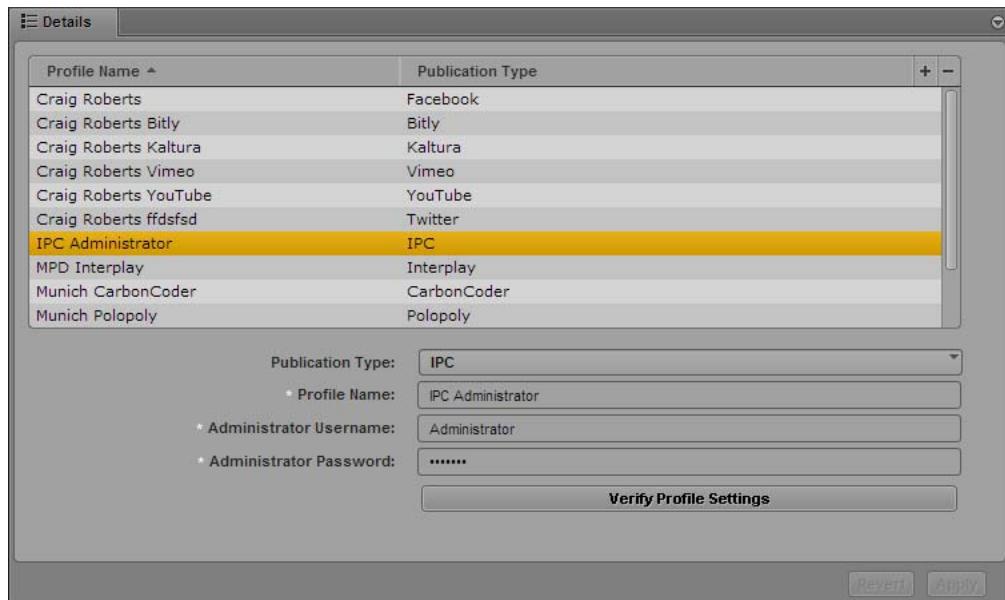
- In the Role Details pane
- In the User or Group Details pane.

If you are upgrading from Media Distribute v1.8 to v2.x, you need to add the Media Distribute layout to the Advance Journalist role and to modify the legacy Interplay Pulse Producer role.

To set up an administrative account for Media Distribute:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.
The System Settings layout opens.
3. In the Settings pane select Media Distribute > Profiles.

The Settings pane displays the settings in that group.



4. Click the Publication Type menu below the list of Profile Names and Publication Types and select IPC.
5. Click the + (plus) button to the right of the Publication Type list in the Details section.

Clicking the + (plus) button creates the profile. If you do not click the + button, the profile options are displayed, but the Apply button in the bottom-right corner cannot be selected.

6. Specify the required settings:

- Profile Name (type a descriptive name for your administrative profile)
- Administrator Username
- Administrator Password

7. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: "Profile configurations is valid." If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.



The setting, "Transform iNEWS stories to lower case," applies only to Media Distribute accounts that publish packages containing iNEWS stories. The option does not affect this setting.

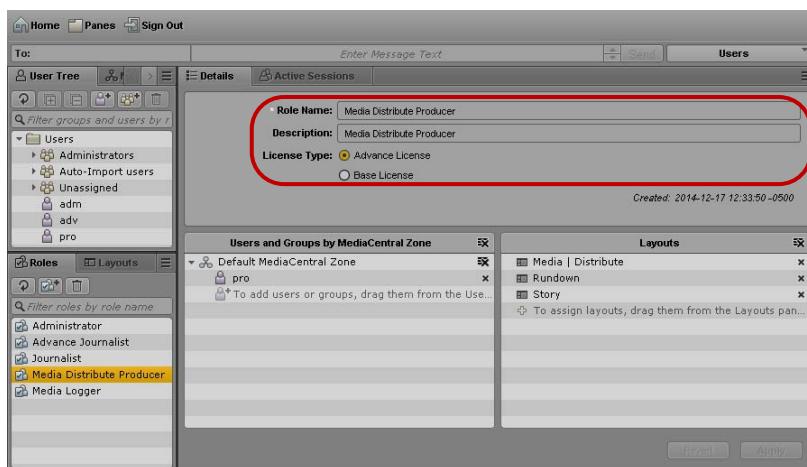
8. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

To assign an Advance License to the Media Distribute roles in the Role Details pane (iNEWS configurations only):

1. Select Users from the Layout selector.
2. In the Roles pane, double-click either Advance Journalist or Media Distribute Producer to assign to a user or group.
- Information about the role is displayed in the Details pane.
3. In the Details pane, select Advance License as the License Type for the following roles:
 - Advance Journalist
 - Media Distribute Producer



4. Click Apply to save your changes or click Revert to cancel your changes.

To assign a Media Distribute role to a user in the Role Details pane:

1. Select Users from the Layout selector.
2. In the Roles pane, double-click either Advance Journalist or Media Distribute Producer to assign to a user or group.

Information about the role is displayed in the Details pane.

3. Click the User Tree pane.
4. Select the user or group to which you want to assign the role and drag it to the Users and Groups by MediaCentral Zone section of the Details pane.



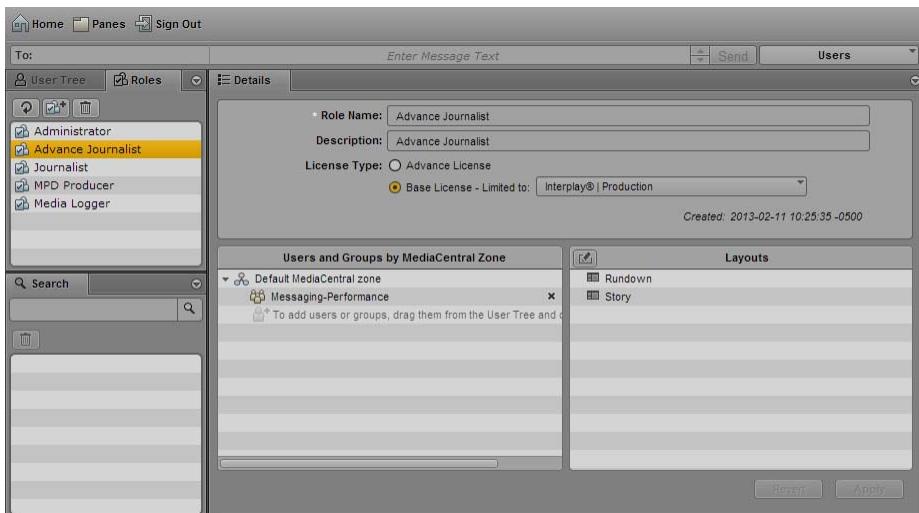
MediaCentral UX User Settings, with the User Tree and Roles panes.

5. Click Apply to save your changes or click Revert to cancel your changes.

To assign the Media Distribute layout and create the Media Distribute Producer role (for MediaCentral UX upgrade installations only):

1. Select Users from the Layout selector.
2. In the Roles pane, double-click Advance Journalist.

Information about the role is displayed in the Details pane.



3. Click the Layouts pane, select the Media Distribute layout, and drag it to the Layouts section.
The Media Distribute layout is added to the Layouts list.
4. In the Roles pane, double-click Media Distribute Producer.
Information about the role is displayed in the Details pane.
5. Click the Layouts pane, select the Media Distribute layout, and drag it to the Layouts section.
The Media Distribute layout is added to the Layouts list.
6. Click Apply to save your changes or click Revert to cancel your changes.

To assign a role in the User or Group Details pane (iNEWS configuration only):

1. Select Users from the Layout selector.
2. In the Roles pane, double-click either Advance Journalist or Media Distribute Producer to assign to a user or group.
Information about the role is displayed in the Details pane.
3. Click the User Tree pane.
4. Select the user or group to which you want to assign the role and drag it to the Users and Groups by MediaCentral Zone section of the Details pane.



MediaCentral UX User Settings, with the User Tree and Roles panes.

5. Click Apply to save your changes or click Revert to cancel your changes.

MediaCentral | UX Security for Media | Distribute

A MediaCentral client requires user login credentials in order to gain access to the underlying functionality. All data transferred to and from the MediaCentral client (user credentials, session information, user configuration settings, media images and files, text, and machine instructions) are transported in a secure manner to the MediaCentral server using HTTPS protocol.

MediaCentral clients that connect through the public Internet require a virtual private network (VPN) access to the server network. All connections pass through the VPN router/firewall through identified ports. Once the data has passed into the “house network” it is secured using the customer’s existing network security infrastructure.

For Media Distribute, ports are used for outgoing HTTP traffic and pass through a network firewall. In some cases, a platform or a system account might require a separate port for outgoing FTP data. Media Distribute does not require any ports for incoming data.



Do not enable a firewall on the MediaCentral servers in your Media Distribute configuration.

For more information on specific ports used with MediaCentral Platform Services and Media Distribute, see the *Avid Networking Port Usage Guide* on the [Avid Knowledge Base](#).

For more information on MediaCentral security, see the *Avid MediaCentral / UX Security Architecture and Analysis*.

Configuring the Transcode Route

Media Distribute delivers video to the configured online video platforms using the following workflow. An understanding of this workflow might help to complete the Send to Playback settings.

- The user publishes a bundle to endpoints that include video assets — for example, YouTube and Vimeo. The source videos are stored in Interplay Production.
- To start the publishing process, Media Distribute sends the source video to the MediaCentral Distribution server in a send-to-playback operation.
- The Interplay Production media files are mixed down to MXF-wrapped OP1a media. In the Packages pane, Media Distribute monitors the process as the status displays as “mixing down.”



You can send only sequences for mixdown and transfer to an FTP location.

- The Transfer Manager moves the MXF file to the FTP location specified in the Mixing Down FTP Path in the Send to Playback system settings — see “[Send to Playback Configuration for Media | Distribute](#)” on page 35.



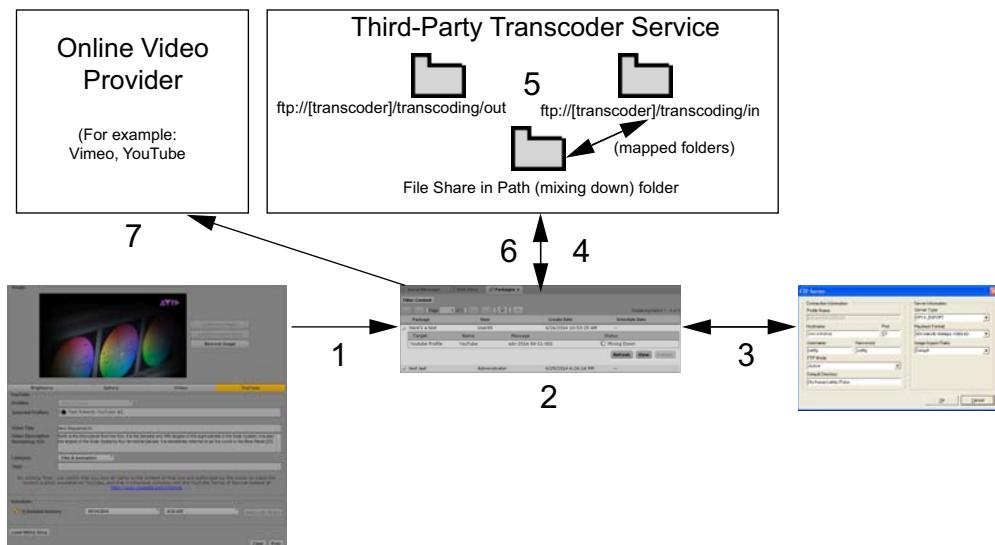
This location is independent of the transcoder. The system supports multiple transcode configurations which you can assign to various endpoints. By not delivering the video directly to a transcode watch folder, the transcode route is built in a manner that allows for support of multiple transcode endpoints.

- The Media Distribute orchestration engine monitors the FTP location. Once the MXF media arrives at the FTP location, Media Distribute delivers it to the appropriate transcoder /in folder, based on the configuration for your transcoder service (ftp://<transcoder>/transcoding/in).

- Media Distribute submits the transcoding job to the transcoder:
 - The File Share in Path value (`\\\<transcoder_hostname>\avid\transcoding\in`) should be configured and mapped to the FTP “in” path (`ftp://<transcoder>/transcoding/in`). The file share folder must have the appropriate read/write permissions set. For more information, see “[Configuring the Video Transcoding Host](#) on page 32.
 - The transcoder workflow should be configured to provide output to the `ftp://<transcoder>/transcoding/out` folder.
- After transcoding, the Media Distribute orchestration engine obtains the transcoded video file from the transcoder “out” folder and delivers it to the designed online video provider (OVP) endpoint for publication.

In order to enable this workflow, you must configure the Send to Playback system settings to provide the necessary information.

The following illustration outlines the overall workflow for publishing video using Media Distribute. Note that some details depend on the specific configuration of your transcoder service — for example, Telestream Vantage or Harmonic ProMedia Carbon transcoder.



- A user creates a media package with video and clicks Post to send it for review and approval. When a producer approves the package, it is sent for publication.
- The sequence, with the source files stored in the Interplay Production database, is mixed down to MXF-wrapped OP1a media. In the Packages pane, the status displays as “mixing down.”
- Media Distribute uses the MediaCentral Distribution Service to monitor the send-to-playback status. When the sequence is mixed down, the Transfer Manager profile, configured in Interplay Transfer, allows Interplay Transfer to move the MXF file to the Mixing Down FTP Host location.
- Interplay Transfer moves the media to the Mixing Down FTP Path folder. This folder, specified in the STP profile, matches the configuration the Transfer Manager profile. The folder is configured as a shared folder.

- 5 Media Distribute monitors the shared folder, and when the media has been transferred, Media Distribute copies the MXF file from the Mixing Down FTP folder to the transcoding/in FTP folder on the transcoder service system. The shared folder is mapped to the transcoding/in FTP folder on the transcoder server. It is transcoded and moved to the transcoding/out folder.
- 6 Media Distribute downloads the transcoded media from the transcoder service.
- 7 Media Distribute publishes the video package to the specified online video provider.

To transcode and publish video with Media Distribute, you need to provide the following configuration:

- Configuration requires that the following servers are available: Avid MediaCentral Distribution Service, Interplay Production Services, Interplay Transfer, and MediaCentral Platform Services.
- You must configure the Send to Playback settings to provide mixdown output to an FTP server. For more information, see “Configuring for Send to Playback” in the *Avid MediaCentral / UX Administration Guide*.
- You must configure each transcoding host — for example, Vantage and Carbon Coder. See “Configuring the Video Transcoding Host” on page 32.
- You also need to configure an STP profile in the System Settings > Media Distribute section. See “Send to Playback Configuration for Media | Distribute” on page 35.
- You must configure the Media Distribute system accounts as described in “Configuring System Accounts for Media | Distribute” on page 54.



If your iNEWS stories use uppercase characters, you can select the option to transform iNEWS stories to lowercase. This changes all text to lowercase characters when you load an iNEWS story in the Media Distribute layout.

Configuring the Video Transcoding Host

You must configure Windows network share folder structure and folders before using a third-party transcoder such as Telestream Vantage® to transcode video for your media package. You also need a File Transfer Protocol (FTP) service running on your transcode server. For the FTP process to work, each media file function must be mapped to specified folders. The following table describes the required structure of the Windows network share folder and FTP folders on a Vantage host server:

Windows Network Share	FTP Folder
avid	ftp://<Vantage_hostname>/transcoding/in
	ftp://<Vantage_hostname>/transcoding/out
	ftp://<Vantage_hostname>/transcoding/mixdown

The Windows network folder for incoming media must be accessible and mapped to the FTP folder (for the transcoded media). This FTP structure is required for retrieving MXF files from Send to Playback and for providing the transcoded output for Media Distribute workflows.

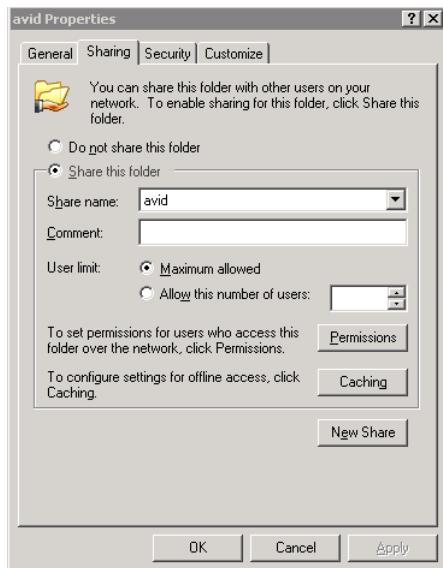
You also need to set the Interplay Transfer Manager options in the Send to Playback configuration for Media Distribute. For information on configuring Send to Playback, see “Send to Playback Configuration for Media | Distribute” on page 35.

To configure your FTP service, you need to install an FTP server application. The procedure in this section uses the open source FTP server application called FileZilla Server. You can download the software from the following Web site: <https://filezilla-project.org/>.

To set up Windows network share:

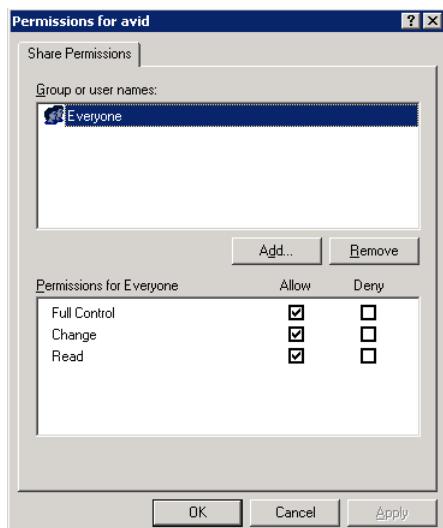
1. On your transcoding server, create the following folder if it does not exist already:
`<transcoder_hostname>\<drive:>\avid\transcoding\in`
2. Right-click the `<transcoder_hostname>\<drive:>\avid` folder and select Sharing and Security.

The avid Properties dialog box opens.



3. Click the Sharing tab, and then select the Share this folder option.
4. Click Permissions.

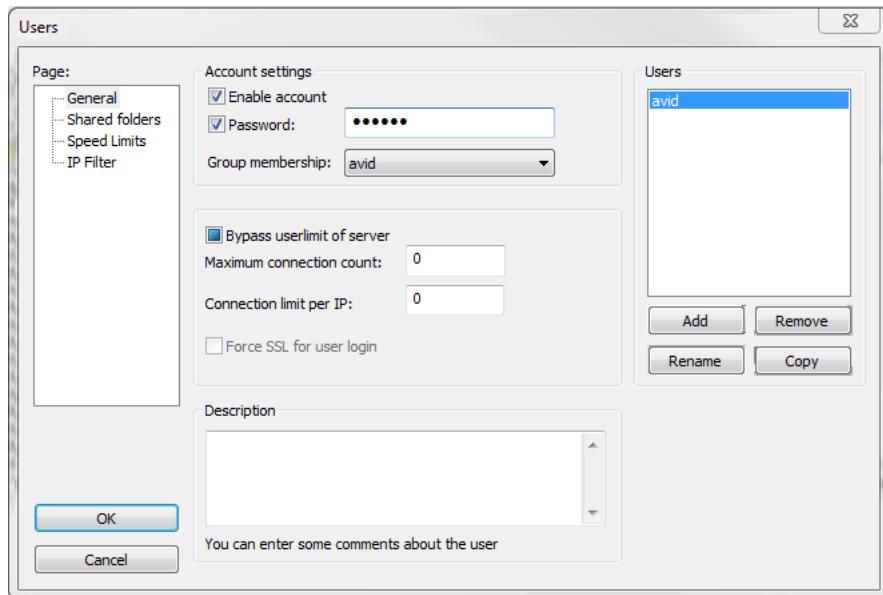
The Permissions dialog box opens.



5. Select Everyone, and then select Allow for all permissions in the Permissions for Everyone list.

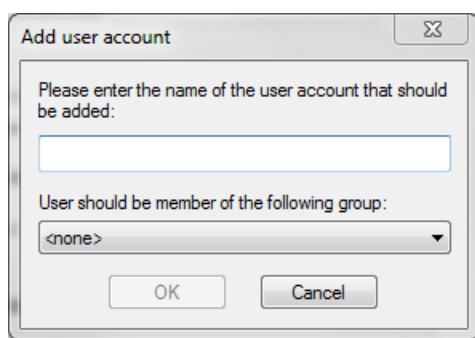
6. Click OK to return to the avid Properties dialog box, and then click OK.
7. Open FileZilla Server, and log in to your server.
8. Select Edit > Users.

The Users dialog box opens.



9. Click Add.

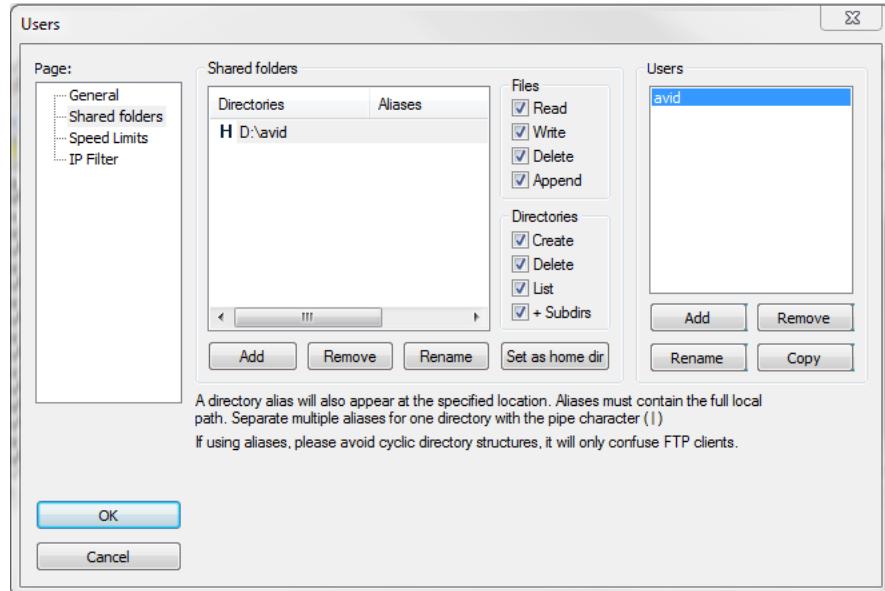
The Add User Account dialog box opens.



10. In the text box, type **avid**, and then click OK.
11. In the Users dialog box, select the following options:
 - Enable account
 - Password, and type a password for the user account
 - Bypass userlimit of server
12. In the Page list, select Shared folders.

13. In the Shared folders area, click Add, and then navigate to the <drive:>\avid folder, and then click OK.

The folder is added to the Shared folders list.



14. Select the following options for Files and Directories:

- Read
- Write
- Delete
- Append
- Create
- Delete
- List
- +Subdirs

15. Click OK.

Send to Playback Configuration for Media | Distribute

The MediaCentral UX administrator needs to specify Send to Playback configuration information before you can use publish using Media Distribute. The Transfer Manager Destination Profile must be the same as the profile name specified in the Interplay Transfer settings. The FTP host name, user name, and password also reflect the same settings in Interplay Transfer.

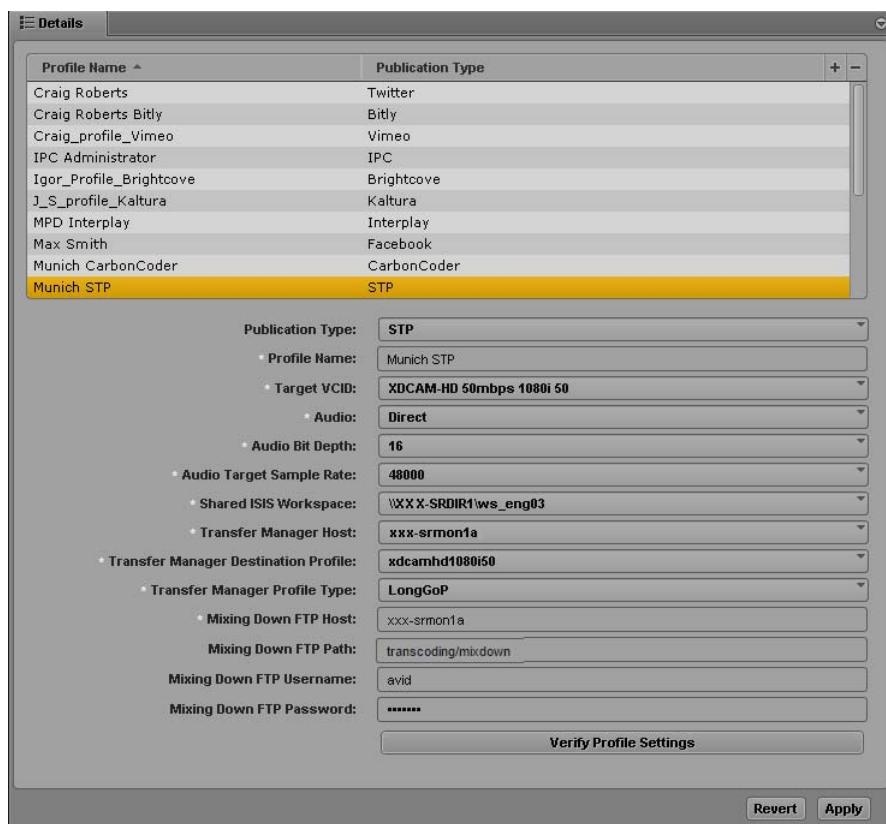
The send-to-playback operation uses the credentials of the MediaCentral UX workgroup user specified in the Interplay profile and not the currently logged in user, so the user must have read/write privileges for the Interplay database used for sending media assets to the FTP host. For information on setting up MediaCentral UX users and roles, see “Managing Users and Groups” in the *Avid MediaCentral / UX Administration Guide*.



You can create only one Send to Playback configuration for each Media Distribute installation.

To configure Send to Playback publish settings:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.
The System Settings layout opens.
3. In the Settings pane select Media Distribute > Profiles.
The Settings pane displays the settings in that group.



4. Click the Publication Type menu and select STP.

5. Click the + (plus) button in the Details section.

An STP profile named “New Profile” is created in the Details section.

6. Specify the required settings:

- Profile Name: use the same name used for the FTP server profile configured in the Interplay Transfer Configuration tool. For more information, see “Configuring an FTP Server Profile” in the *Interplay / Transfer Setup and User’s Guide*.
- Target VCID: Select a VCID from the list of supported resolutions.



AVC Long GOP formats are not supported with Media Distribute.

- Audio: Options are Direct, Stereo, or Mono. When you use Direct to send a export a clip for Send to Playback, the channel order reflects the channel order used when you captured the audio. For example, if your source audio is 5:1 multichannel audio, you should select Direct to preserve the channel mappings.

- Audio Bit Depth: Options are 16 and 24.
- Audio Target Sample Rate: Options are 32000, 44100, 48000, and 96000.
- Shared ISIS Workspace — The STP service requires this Avid shared storage workspace to store video prior to delivery to the transcode service. Select a valid shared workspace from the menu to be used as a temporary location for storing media.



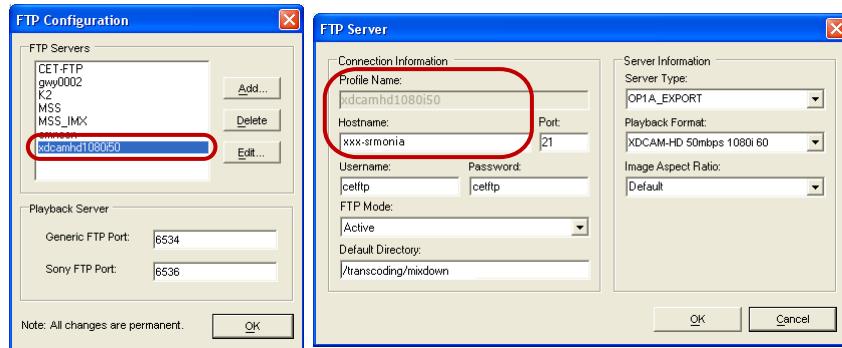
The user specified in this profile must have read/write privileges for the shared storage workspace.

- Transfer Manager Host — select a Transfer Manager host from the menu. You can use the values from your Transfer Manager configuration. For more information, see the *Interplay / Transfer Setup and User's Guide*.
- Transfer Manager Destination Profile — Select an existing destination profile from the menu.
- TransferManager Profile Type — Select a profile from the following options:

Profile Type	Description
IFrame	For send-to-playback operations using I-frame media. The source media clips must match the target VCID format. The output file uses an OP1a format.
IFrameAMS	For send-to-playback operations using I-frame media and sent to an Avid AirSpeed server. The source media clips must match the target VCID format. The output file uses an OP Atom format.
LongGoP	For send-to-playback operations using Long GOP media. Since the send-top-playback encoding creates a new media clip, the source media clips do not need to match the target VCID format. The output file uses an OP1a format.
LongGoPAMS	For send-to-playback operations using Long GOP media and sent to an Avid AirSpeed server. Since the send-top-playback encoding creates a new media clip, the source media clips do not need to match the target VCID format. The output file uses an OP Atom format.

- Mixing Down FTP Host — Type the FTP host name. The FTP host name must be the same as the FTP server name associated with the destination profile and specified in the FTP configuration in Interplay Transfer. For more information on FTP configuration in Interplay Transfer, see *Interplay / Transfer Setup and User's Guide*.

In the sample profile setting above, the Transfer Manager Destination Profile is listed as **xdcamhd1080i50** and the Mixing Down FTP Host is **xxx-srmonia**. This corresponds to the following components of the Interplay Transfer FTP configuration:



- Mixing Down FTP Path — Type the path to the FTP destination where MXF output is staged for transcode. This should be the same as the destination directory specified in the FTP configuration in Interplay Transfer. In the example here, the Mixing Down FTP Path is /transcoding/mixdown.



Do not set the Mixing Down FTP Path to the same delivery folders used by your third-party transcoding application — for example, the FTP Transcode/in Path in your Vantage profile. The FTP location must be independent of the transcoder path.

- Mixing Down FTP Username — Type the user name for your FTP service credentials.
- Mixing Down FTP Password — Type the password for your FTP service credentials.



You cannot use either an at sign (@) or a colon (:) in your password. You can substitute %40 (@) or %3a (:) instead.

7. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

8. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

Configuring a Telestream Vantage Profile

Before you can use the Telestream Vantage video transcoding service with Media Distribute, you must install Telestream Vantage on your system and then configure the Vantage settings in MediaCentral UX.

Before you set up your Vantage workflow, you must configure your video host transcoding. For more information, see “[Configuring the Video Transcoding Host](#)” on page 32.

The following procedures assume you have created a Vantage account. For more information, see <http://www.telestream.net/vantage/>.



You must select your Telestream Vantage video transcoding service profile when you set up your system accounts — for example, your YouTube or Vimeo account — for publishing your media packages. Depending on your configuration, you might need to configure your system accounts before configuring MediaCentral UX for your Vantage account. For more information, see “[Configuring System Accounts for Media / Distribute](#)” on page 54.

To install and configure Telestream Vantage:

1. Install Vantage on your Windows system.
2. Use the Vantage Management Console to configure your Vantage license.
3. Configure your Vantage workflow, and then edit your Flip tasks to set the output folder to the \\<hostname>\avid\transcoding\out folder you created when you set up your video host transcoding. A typical Vantage workflow usually includes at least a Receive and a Flip task. See your Vantage documentation for more information on creating and configuring workflows.
4. Make sure that you select H.264 as the Encoder and .mp4 as the Extension in your Flip tasks.

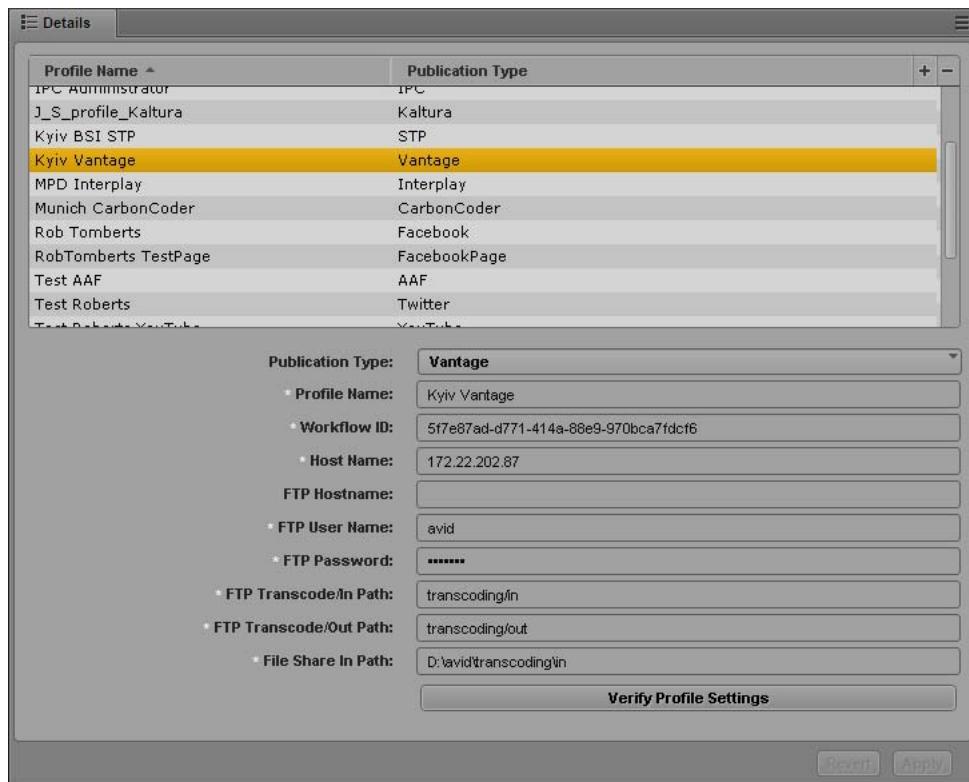


You cannot change the output file name by adding file name prefixes or suffixes. This causes the publish job to fail.

5. Type the following URL in a browser address bar to obtain your Vantage workflow ID:
`http://<hostname>:8676/DomainRest/GetWorkflows`.
A Web page displays your Vantage workflow ID.
6. Save your workflow ID.

To configure MediaCentral UX for your Vantage account:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.
The System Settings layout opens.
3. In the Settings pane select Media Distribute > Profiles.
The Settings pane displays the settings in that group.



4. Click the Publication Type menu and select Vantage.
5. Click the + (plus) button in the Details section.
A Vantage profile named “New Profile” is created in the Details section.
6. Specify the required settings, using the configuration on your Vantage system:
 - Profile Name (type a descriptive name for your profile)
 - Workflow ID (from your Vantage workflow configuration)
 - Host Name (your Vantage hostname — for example, vantage-host)

- FTP Hostname (optional — if you use different servers for your FTP transcode in/out location and for your File Share path, you can specify a different FTP server. If the transcode in/out and File Share are on the same server, you can leave this setting blank.)
- FTP User Name (from your video host transcoding configuration)
- FTP Password (from your video host transcoding configuration)
- FTP Transcode/In Path (for incoming files, from your video host transcoding configuration. You can use a subpath expression — for example, `transcoding/in.`)
- FTP Transcode/Out Path (for outgoing files, from your video host transcoding configuration. You can use a subpath expression — for example, `transcoding/out.`)
- File Share In Path (from your video host transcoding configuration — see “[Configuring the Video Transcoding Host](#)” on page 32. You must use the path to the Network Share path for this setting — for example, `\my_vantage\avid.`)

7. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

8. (Optional) If your iNEWS stories use uppercase characters, you can select the option to transform iNEWS stories to lowercase. This changes all text to lowercase characters when you load an iNEWS story in the Media Distribute layout.

9. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

Validating the Vantage Transcode Route Configuration

When you have configured video transcoding for your Vantage video host system as well as the Telestream Vantage profile, you can validate the configuration by publishing a test media package to make sure all components work successfully. For information on configuring video transcoding and the Vantage profile, see “[Configuring the Video Transcoding Host](#)” on page 32 and “[Configuring a Telestream Vantage Profile](#)” on page 38.



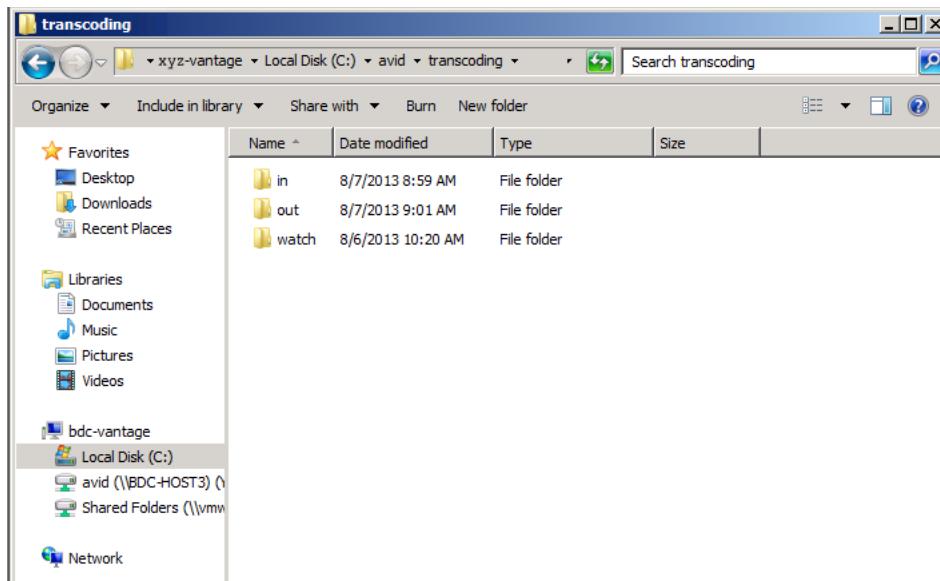
To publish a media package, you first need to set up and configure at least one system account. For more information, see “[Configuring System Accounts for Media / Distribute](#)” on page 54.

The validation procedure includes monitoring the progress of the transcode procedure in the following applications:

- the ServiceMix log in your MediaCentral server
- the Job Status tab of the Vantage Workflow Designer
- the Vantage server Avid transcode folders
- the Media Distribute layout in MediaCentral UX

To validate the Vantage transcode configuration:

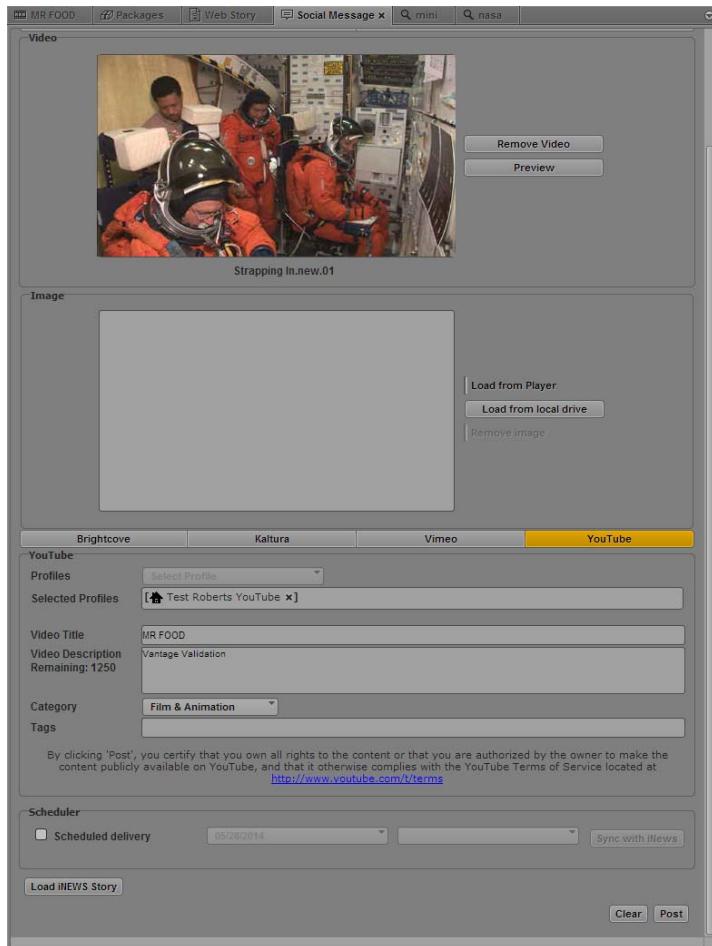
1. Log in to the MediaCentral server, either locally or using a terminal emulator application such as PuTTY, and type the following in a terminal window:
 - a. To open the ServiceMix application, type the following command:
`ssh Administrator@localhost -p 8101`
 - b. Type **yes** to continue connecting to the host, and then type the default password **avid**.
 The ServiceMix interface displays in the terminal window.
 - c. To move to the end of the log, type **log:tail**, and press Enter.
2. On your Vantage server, do the following:
 - a. Open Vantage Workflow Designer, and then select File > Job Status.
 - b. In a file browser, navigate to `<drive>:/avid/transcoding` so you can see the following folders:
 - `<drive>:/avid/transcoding/in`
 - `<drive>:/avid/transcoding/out`



3. Sign in to MediaCentral UX, and then click the Layout selector and select Media Distribute.
 The Media Distribute layout opens.
4. Click the Social Message pane.
 The Social Message pane opens.
5. Add some text in the Message text box.
 Changes you make in the Message text box apply globally to all social media targets you select.
 You can also modify the story text for individual targets in the text boxes for those targets.
6. Select a social media target — for example, YouTube.
7. Click the Profiles menu, and select the Vantage transcoding service profile.
8. Double-click a video asset in the Asset pane or drag the video asset to the Media viewer.
 The video asset displays in the Media pane. You can select a master clip, a subclip, or a sequence.

9. Click Attach Video.

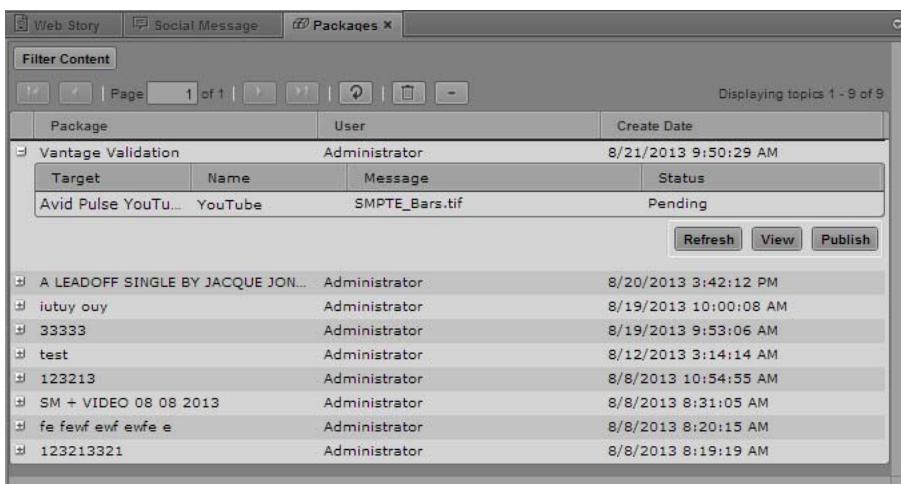
The video displays in the Video area of the Social Media pane.



10. Click Post, and then click Yes.

11. Click the Packages pane, and then click the Refresh button.

The Packages pane displays the media package status as Pending.

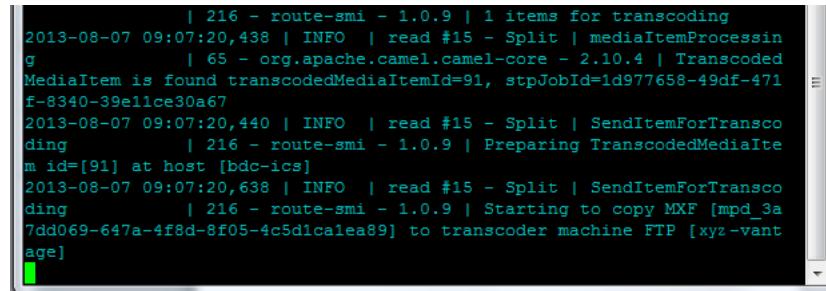


12. Click Publish.

The Packages pane displays the media package status as Mixing Down. When the mixdown process completes, the status displays as Mixing Down Finished.

13. In the ServiceMix console displaying in the MediaCentral server terminal window, check the log for the following entries:

- Transcoded MediaItem is found transcodedMediaItemID=<ID number>
- Starting to copy MXF <media object ID> to transcoder machine FTP <Vantage_hostname>



```

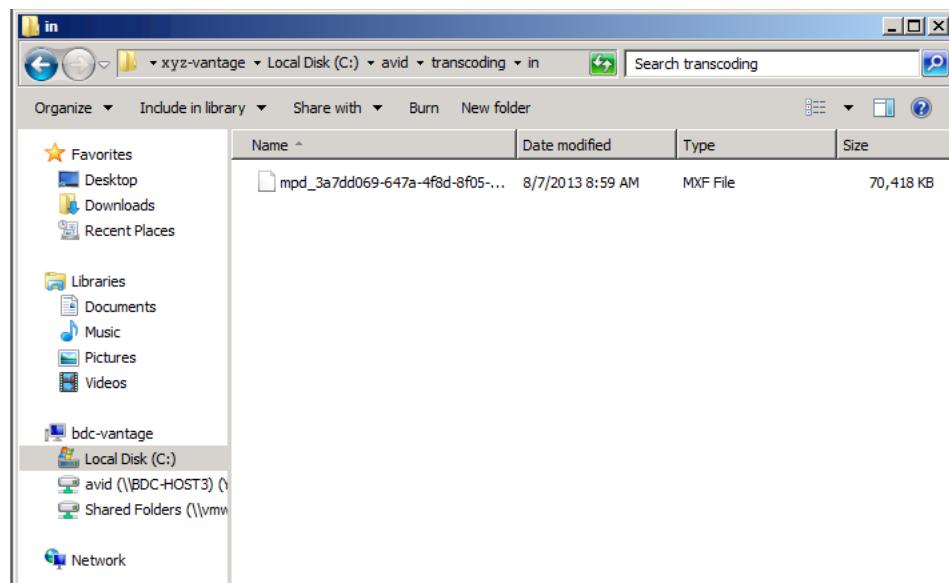
| 216 - route-smi - 1.0.9 | 1 items for transcoding
2013-08-07 09:07:20,438 | INFO  | read #15 - Split | mediaItemProcessing
| 65 - org.apache.camel.camel-core - 2.10.4 | Transcoded
MediaItem is found transcodedMediaItemID=91, stpJobId=id977658-49df-471
f-8340-39e11ce30a67
2013-08-07 09:07:20,440 | INFO  | read #15 - Split | SendItemForTransco
ding | 216 - route-smi - 1.0.9 | Preparing TranscodedMediaIte
m id=[91] at host [bdc-ics]
2013-08-07 09:07:20,638 | INFO  | read #15 - Split | SendItemForTransco
ding | 216 - route-smi - 1.0.9 | Starting to copy MXF [mpd_3a
7dd069-647a-4f8d-8f05-4c5d1calea89] to transcoder machine FTP [xyz-vant
age]

```



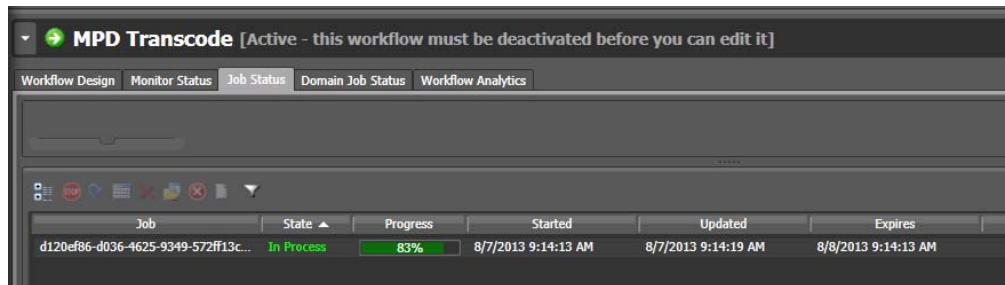
When the media package is published, the ServiceMix log displays the transcoded media item as released.

14. In the file browser on the Vantage server, check the <drive>:/avid/transcoding/in folder for the MXF media file to be transcoded.



When the media package is published, the transcoded media item is deleted from the transcoding/in and transcoding/out folders.

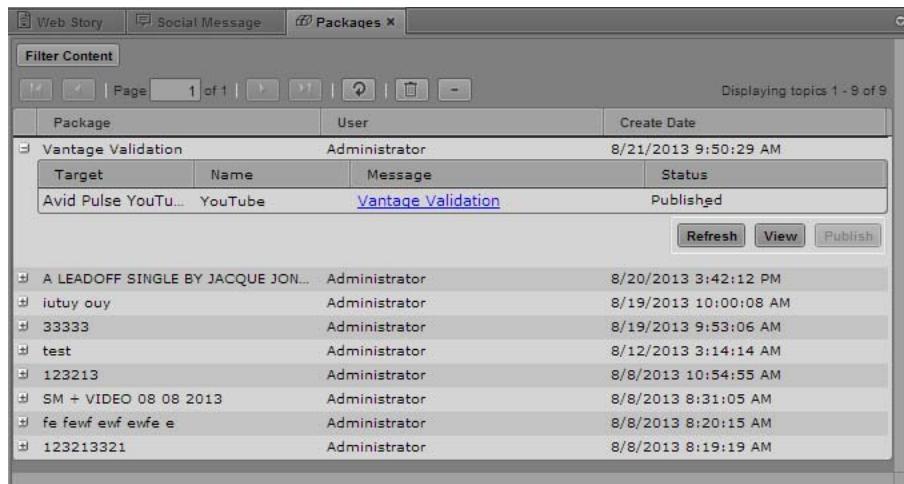
15. In the Job Status tab of the Vantage Workflow Designer, check the status of the transcode job.



16. When the Job Status tab reports the transcode process as completed, check the `<drive>/avid/transcoding/out` folder in the file browser for the transcoded MXF media file.

17. In the MediaCentral UX Packages pane, check the status of the media package.

When the publish procedure completes, the status displays as Published and the link to video included in the package appears in blue. Clicking the link opens a browser and displays the video on the Web page for the selected online platform.



Configuring the Harmonic ProMedia Carbon Transcoder

Before you can use the Harmonic ProMedia™ Carbon transcoder with Media Distribute, you must install ProMedia Carbon on your system and then configure the CarbonCoder settings in MediaCentral UX.

Before you set up your Carbon system, you must configure your video host transcoding. For more information, see [“Configuring the Video Transcoding Host” on page 32](#).

The following procedures assume you have created a ProMedia Carbon account. For more information, see <http://www.harmonicinc.com/product/promedia-carbon>.

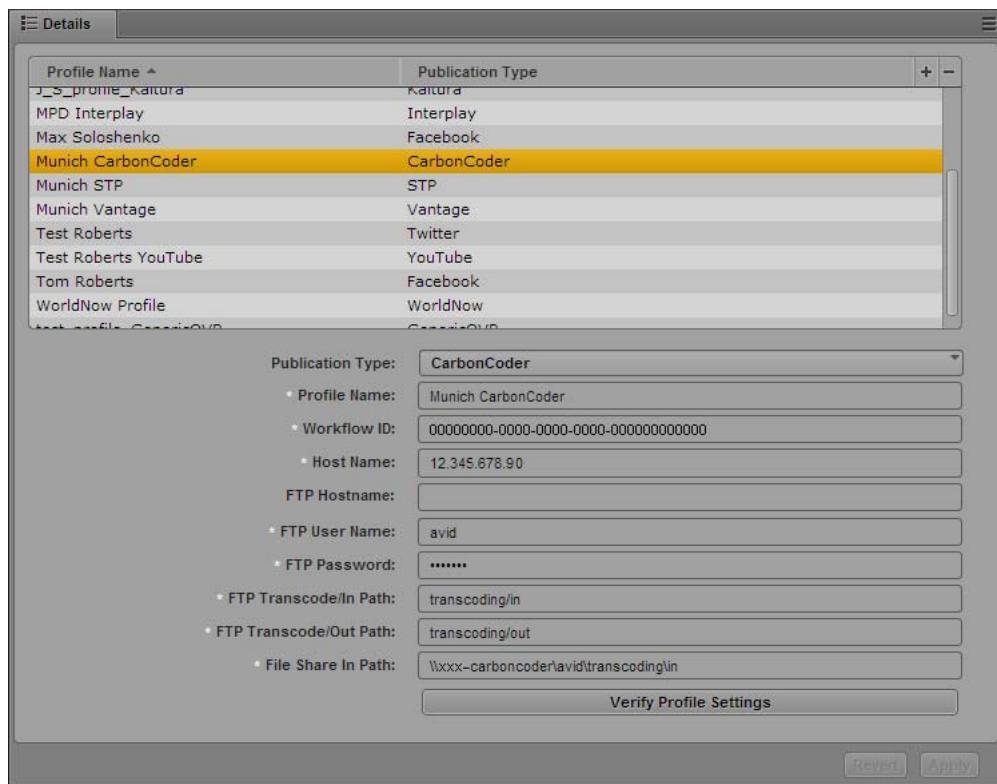
To install and configure ProMedia Carbon:

1. Install Harmonic ProMedia Carbon on your Windows system.
2. Start ProMedia Carbon.

3. In Carbon, create a new profile by doing the following:
 - a. In the Target tab, add a new target and select a target preset.
 - b. In the Target Parameters window, modify the Destination Base Name to %s and the Destination Path to \\hostname\avid\transcoding\out.
 - c. Click Save Profile, and name the new profile Avid MPD.
4. Locate the profile ID by using one of the following:
 - The Preset Editor in Carbon Admin
 - ListProfiles.exe in the Carbon SDK

To configure MediaCentral UX for your ProMedia Carbon account:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.
The System Settings layout opens.
3. In the Settings pane select Media Distribute > Profiles.
The Settings pane displays the settings in that group.



4. Click the Publication Type menu and select CarbonCoder.
5. Click the + (plus) button in the Details section.

A CarbonCoder profile named "New Profile" is created in the Details section.

6. Specify the required settings, using the using the parameter fields from ProMedia Carbon:
 - Profile Name (type a descriptive name for your profile)
 - Workflow ID (from your CarbonCoder profile)
 - Host Name (your CarbonCoder hostname — for example, carboncoder-host)
 - FTP Hostname (optional — if you use different servers for your FTP transcode in/out location and for your File Share path, you can specify a different FTP server. If the transcode in/out and File Share are on the same server, you can leave this setting blank.)
 - FTP User Name (from your video host transcoding configuration)
 - FTP Password (from your video host transcoding configuration)
 - FTP Transcode/In Path (for incoming files, from your video host transcoding configuration)
 - FTP Transcode/Out Path (for outgoing files, from your video host transcoding configuration)
 - File Share In Path (from your video host transcoding configuration — see “Configuring the Video Transcoding Host” on page 32)

7. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

8. (Optional) If your iNEWS stories use uppercase characters, you can select the option to transform iNEWS stories to lowercase. This changes all text to lowercase characters when you load an iNEWS story in the Media Distribute layout.

9. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

Configuring a RadianGrid Profile

In order to use the RadianGrid™ transcoding engine with Media Distribute, you need to install and configure the RadianGrid software on a supported server. See your RadianGrid representative for more information.

The following procedures assume you have created a RadianGrid account and password. For more information, see <http://www.wohler.com/RgProduct.aspx>.

Once you have your RadianGrid profile credentials, you need to create new transcode profile. This profile must transcode media from the MXF format to the H.264 (.mp4) format. The following procedure does not describe all of the options required for creating the profile using the RadianGrid application.

To set up a RadiantGrid profile for use with Media Distribute:

1. Open your browser and log in to your RadiantGrid account.
2. Create a new Transcode profile. For details on creating a RadiantGrid transcoding profile, see your RadiantGrid documentation.

Profile	Type	Format	Groups	Modified Date
MpdTestTranscode	Video	H.264/MPEG-4	MpdTestTranscode	8/20/2013 2:24:13 PM

3. (Optional) Configure a workflow template.

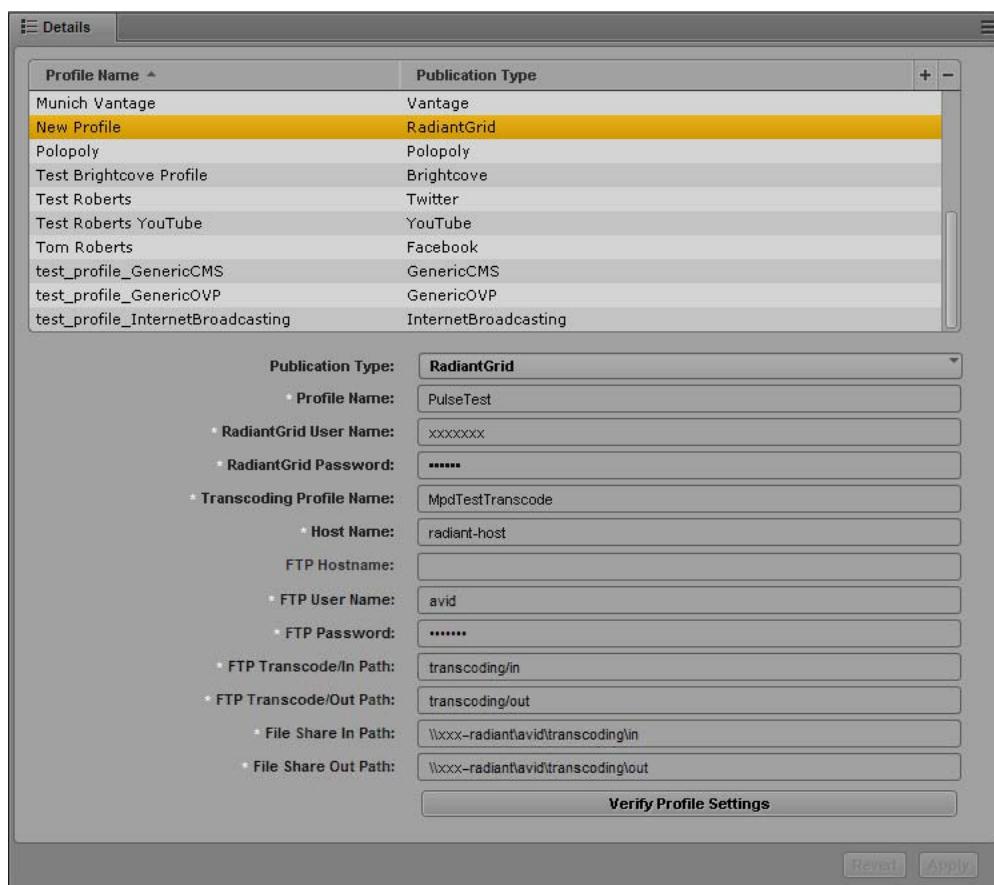
 *If you create a new transcode profile, you might be able to skip this step. However, if you use an existing transcode profile, you might need to reconfigure your workflow template.*

Name	Modified Date
MpdTest	8/9/2013 3:37:20 PM

4. Configure an FTP service. For information on configuring the FTP service, see “Configuring the Video Transcoding Host” on page 32.

To configure MediaCentral UX for your RadiantGrid account:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.
The System Settings layout opens.
3. In the Settings pane select Media Distribute > Profiles.
The Settings pane displays the settings in that group.



4. Click the Publication Type menu and select RadiantGrid.

5. Click the + (plus) button in the Details section.

A RadiantGrid profile named “New Profile” is created in the Details section.

6. Specify the required settings, using the configuration on your RadiantGrid system and your FTP configuration:

- Profile Name (type a descriptive name for your profile)
- RadiantGrid User Name (from your RadiantGrid configuration)
- RadiantGrid Password (from your RadiantGrid configuration)
- Transcoding Profile Name (the profile name is listed on the Workflow > Transcode Web page of your RadiantGrid configuration)
- Host Name (your RadiantGrid server hostname — for example, `radian-host`)

- FTP Hostname (optional — if you use different servers for your FTP transcode in/out location and for your File Share path, you can specify a different FTP server. If the transcode in/out and File Share are on the same server, you can leave this setting blank.)
- FTP User Name (from your video host transcoding configuration)
- FTP Password (from your video host transcoding configuration)
- FTP Transcode/In Path (for incoming files, from your video host transcoding configuration)
- FTP Transcode/Out Path (for outgoing files, from your video host transcoding configuration)
- File Share In Path (from your video host transcoding configuration)
- File Share Out Path (from your video host transcoding configuration)

7. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

8. (Optional) If your iNEWS stories use uppercase characters, you can select the option to transform iNEWS stories to lowercase. This changes all text to lowercase characters when you load an iNEWS story in the Media Distribute layout.

9. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

Configuring a MAM Profile

Starting with Media Distribute v2.7, you can publish media packages using assets stored in Interplay Media Asset Management (MAM) databases. If your configuration includes a MAM system, you can create a MAM profile for Media Distribute to the following platforms:

- Amazon S3
- Facebook
- Flickr
- Twitter
- Vimeo
- YouTube

Your MAM configuration provides you with the following information needed to complete your MediaCentral UX configuration:

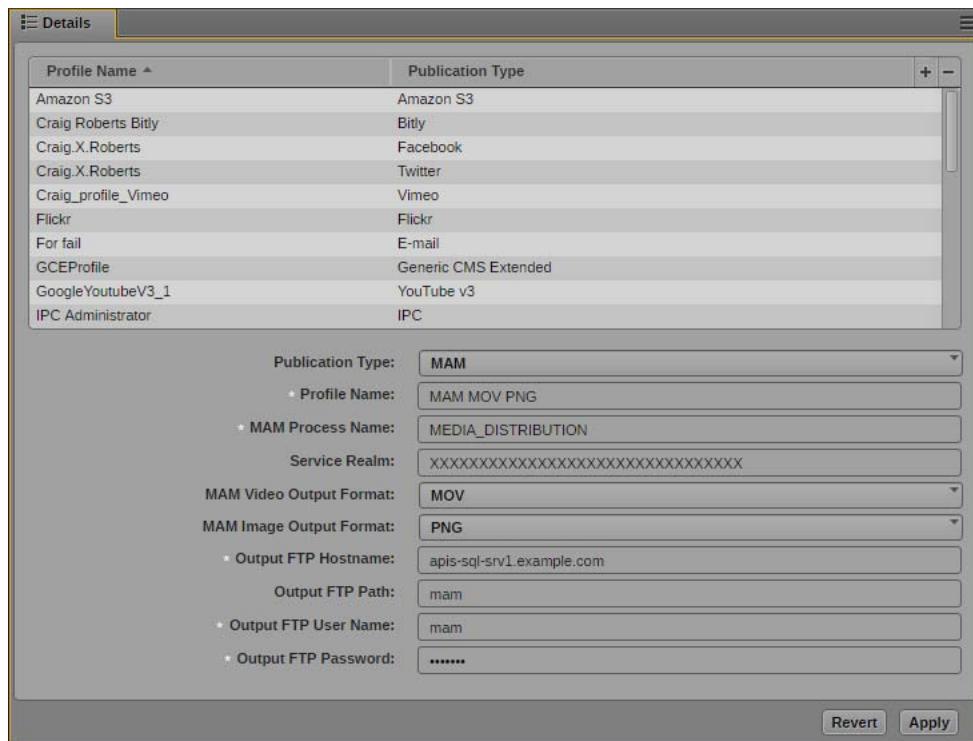
- MAM Process Name (defined by your MAM workflow; the default is MEDIA_DISTRIBUTE)
- Service Realm (listed in the MediaCentral UX System Settings for Interplay MAM)
- Output FTP Hostname (the name of the FTP server accessible from MAM and from MCS systems)
- Output FTP Path (the path to the FTP server accessible from MAM and from MCS and Media Distribute systems)

- Output FTP User Name (the user name associated with the FTP server)
- Output FTP Password (the user password associated with the FTP user)

Configuring the FTP site allows Media Distribute to acquire assets from Interplay MAM and publish them to the selected platform. For information on configuring Interplay MAM for Media Distribute, see the *Interplay / MAM Media Distribution Process Reference*, part of the Interplay MAM documentation that comes with Interplay MAM.

To configure MediaCentral UX for your MAM database:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.
The System Settings layout opens.
3. In the Settings pane select Media Distribute > Profiles.
The Settings pane displays the settings in that group.

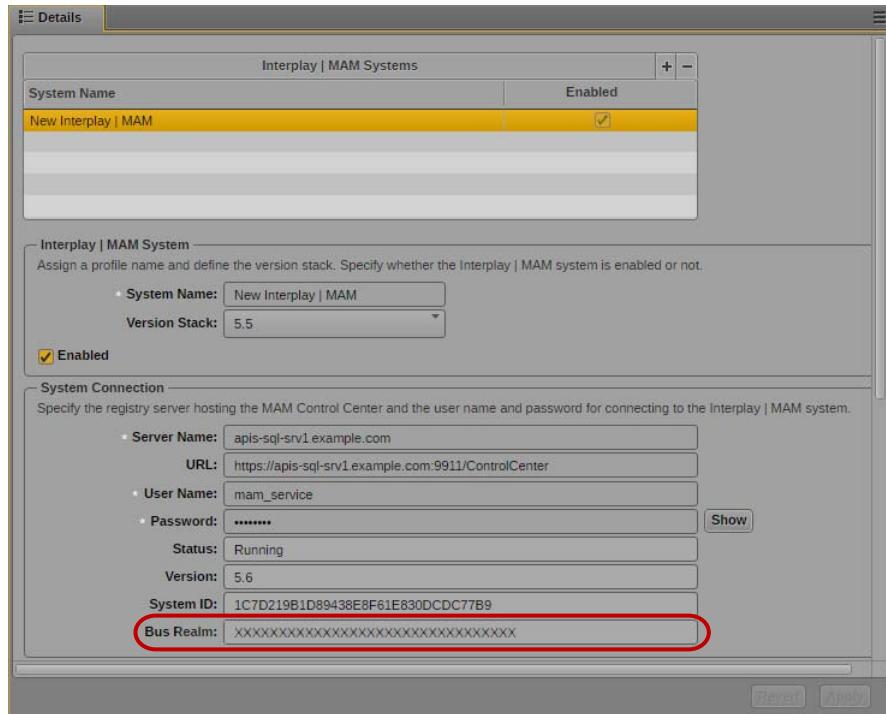


4. Click the Publication Type menu and select MAM.
5. Click the + (plus) button in the Details section.
A MAM profile named “New Profile” is created in the Details section.
6. Specify the required settings, using the configuration on your AAF system and your FTP configuration:
 - Profile Name: Type a descriptive name for your profile.
 - MAM Process Name: Type the process name specified by your MAM configuration; the default is MEDIA_DISTRIBUTIOIN.



The MAM Process Name is case-sensitive.

- Service Realm: Type the name of the service realm associated with your MAM configuration. The MAM service realm is listed as the Bus Realm in the MediaCentral UX System Settings for Interplay MAM.



- MAM Video Output Format: Use a format from the list. The options are MOV, MP4, MXF.
- MAM Image Output Format: Use a format from the list. The options are JPEG and PNG.
- Output FTP Hostname: Type the name of the FTP server accessible from MAM and from MCS systems. This can be the same server listed as the Server Name in the System Connection section of the MediaCentral UX System Settings for Interplay MAM.
- Output FTP Path (the path to the FTP server accessible from MAM and from MCS and Media Distribute systems)
- Output FTP User Name (the user name associated with the FTP server)
- Output FTP Password (the user password associated with the FTP user)

7. Click **Apply** to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click **Revert** to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

Configuring an E-mail Profile

If you use the Distribution pane to publish media packages, you can configure an e-mail profile to send e-mail notifications to one or more users when a package is published. The e-mail profile uses the e-mail information configured for MediaCentral UX in the Messages & Sharing panel of the System Settings to send the e-mail.

For information on using the Distribution pane, see “Publishing MediaCentral Assets with the Distribution Pane” in the *Media / Distribute User’s Guide*. For information about configuring e-mail settings in MediaCentral UX, see “Configuring E-Mail Forwarding” in the *Avid MediaCentral / UX Administration Guide*.

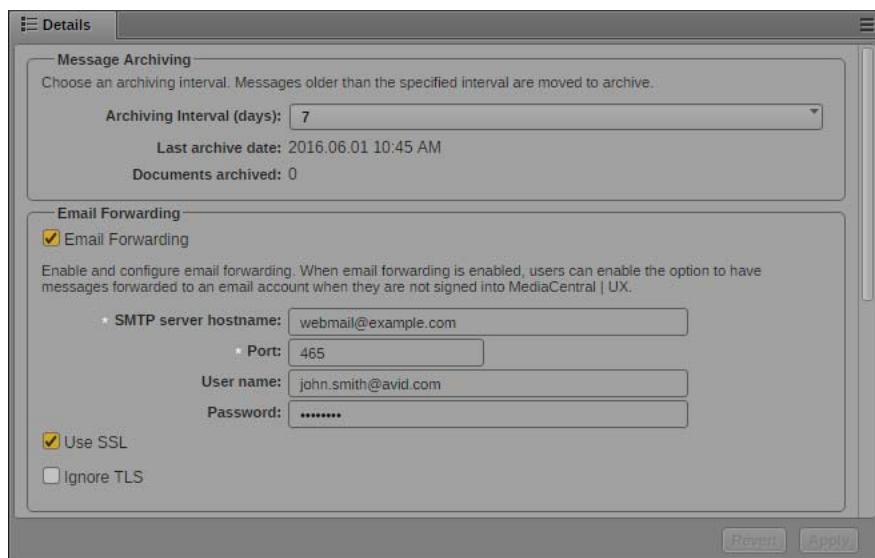
To configure e-mail notifications:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.

The System Settings layout opens.

3. In the Settings pane select Messages & Sharing.

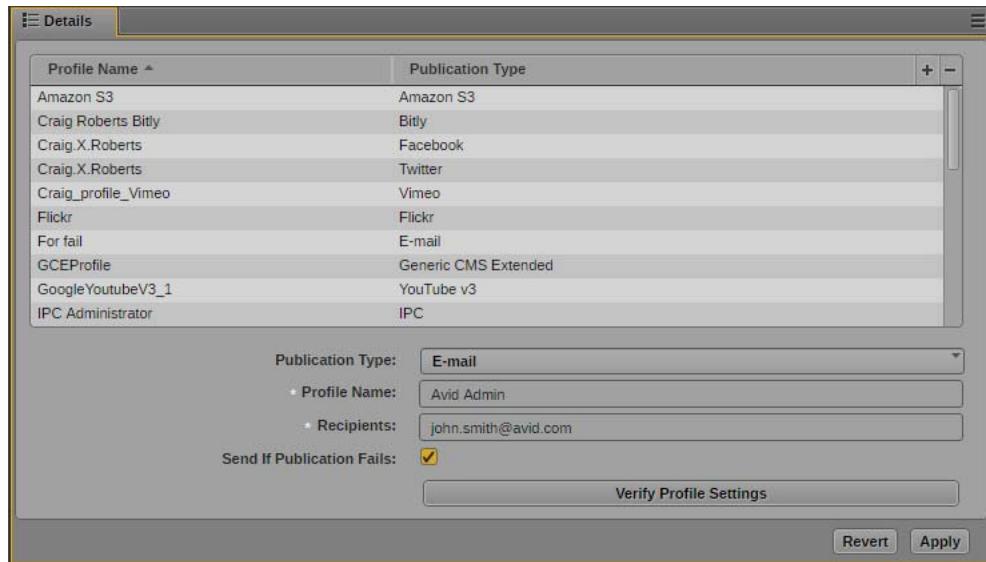
The Settings pane displays the settings in that group.



4. Make sure E-mail Forwarding has been configured for your MediaCentral environment. If it has not been configured, see the *Avid MediaCentral / UX Administration Guide* for information on configuring e-mail settings.

5. In the Settings pane select Media Distribute > Profiles.

The Settings pane displays the settings in that group.



6. Click the Publication Type menu and select E-mail.

7. Click the + (plus) button in the Details section.

An E-mail profile named “New Profile” is created in the Details section.

8. Specify the required settings:

- Profile Name: Type a descriptive name for your profile)
- Recipients: Type the e-mail address of any user you want to receive notifications. Multiple e-mail addresses must be separated by a semicolon (;).

9. Select Send If Publication Fails if you want to receive e-mail notifications when publication fails to complete.

10. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

11. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

3 Configuring System Accounts for Media | Distribute

You can set up multiple accounts in the System Settings layout for the services you want to use for publishing to multiple platforms. For information on the supported system accounts, see the following topics:

- “Configuring the Bitly Link-Shortening Service” on page 55
- “Configuring a Twitter Publication Account” on page 56
- “Configuring a Facebook Publication Account” on page 60
- “Configuring a Facebook Page Publication Account” on page 68
- “Configuring a Vimeo Publication Account” on page 73
- “Configuring a Vimeo V3 Publication Account” on page 77
- “Configuring a YouTube v3 Publication Account” on page 80
- “Configuring a Brightcove Account” on page 83
- “Configuring a Kaltura Account” on page 85
- “Configuring an Ooyala Account” on page 87
- “Configuring a Flickr Account” on page 89
- “Configuring an Atex Polopoly Web CMS Account” on page 92
- “Configuring a WorldNow Web CMS Profile” on page 94
- “Configuring thePlatform Profile” on page 98
- “Configuring a WordPress CMS Profile” on page 100
- “Configuring an Amazon S3 Profile” on page 102
- “Configuring a Generic CMS Profile” on page 103
- “Configuring a Generic CMS Extended Profile” on page 107
- “Configuring a NoOpTranscoder Profile” on page 111
- “Configuring a Generic OVP Profile” on page 112



If your iNEWS stories use uppercase characters, you can select the option in the Media Distribute > General section of the System Settings to transform iNEWS stories to lowercase. This changes all text to lowercase characters when you load an iNEWS story in the Media Distribute layout.

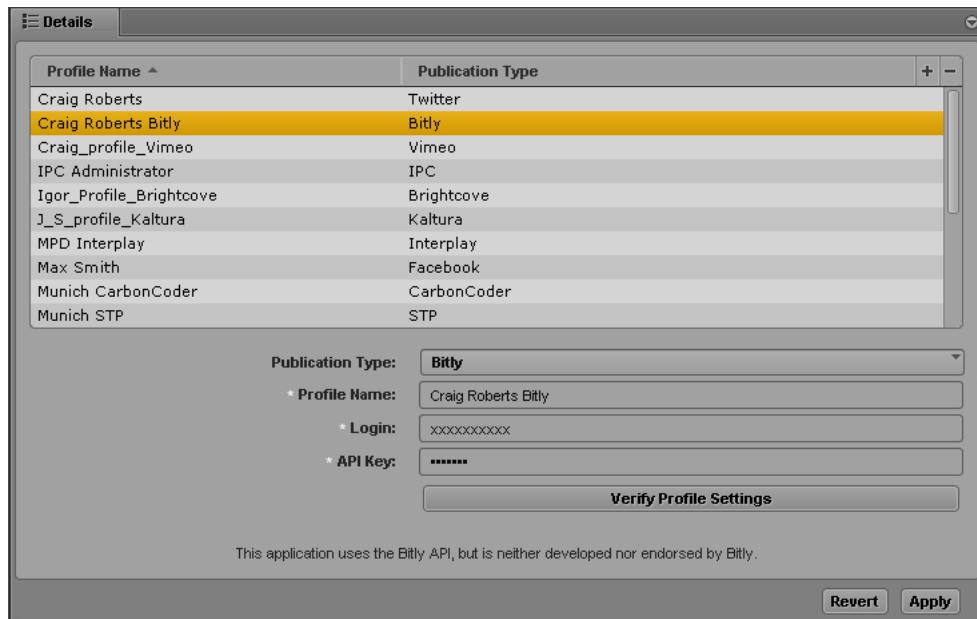
Configuring the Bitly Link-Shortening Service

You can configure the Bitly™ URL shortening service using MediaCentral UX settings. Using a link shortening service is optional, but it can aid in ensuring that URLs do not exceed character limits on some social media postings.

The following procedures assume you have created a Bitly account at <https://bitly.com/> and you have generated a Bitly API key at <http://dev.bitly.com/>.

To configure Bitly for Media Distribute:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.
The System Settings layout opens.
3. In the Settings pane select Media Distribute > Profiles.
The Settings pane displays the settings in that group.



4. Click the Publication Type menu and select Bitly.
5. Click the + (plus) button in the Details section.
A Bitly profile named “New Profile” is created in the Details section.
6. Specify the required settings:
 - Profile Name (type a descriptive name for your profile)
 - Login
 - API Key
7. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

 *The setting, “Transform iNEWS stories to lower case,” applies only to Media Distribute accounts that publish packages containing iNEWS stories. The option does not affect this setting.*

8. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

Configuring a Twitter Publication Account

Before you can publish a package to Twitter from MediaCentral UX using Media Distribute, you must first set up a Twitter account to which you want to publish, and you must configure a Twitter publication account.

This section describes configuring corporate or group house accounts. When you publish to these accounts, your packages require review and approval. For information on configuring a personal account, see “[Configuring a User Profile for a Personal Twitter Account](#)” on page 125.

The following procedures assume you have created a Twitter account at <https://twitter.com>.

 *The user interface for Twitter might change without notice. The procedure below outlines the general steps to create the elements needed to configure Media Distribute. For more information on creating a Twitter application, see your Twitter account documentation.*

To set up a Twitter application account for MediaCentral UX multi-platform delivery:

1. Log on to your Twitter account and navigate to the My Applications Web page at <https://dev.twitter.com/apps>.
2. Click Create New App.

The Create an application Web page opens.

The screenshot shows the 'Create an application' form on the Twitter developer portal. The form is titled 'Create an application' and contains the following fields:

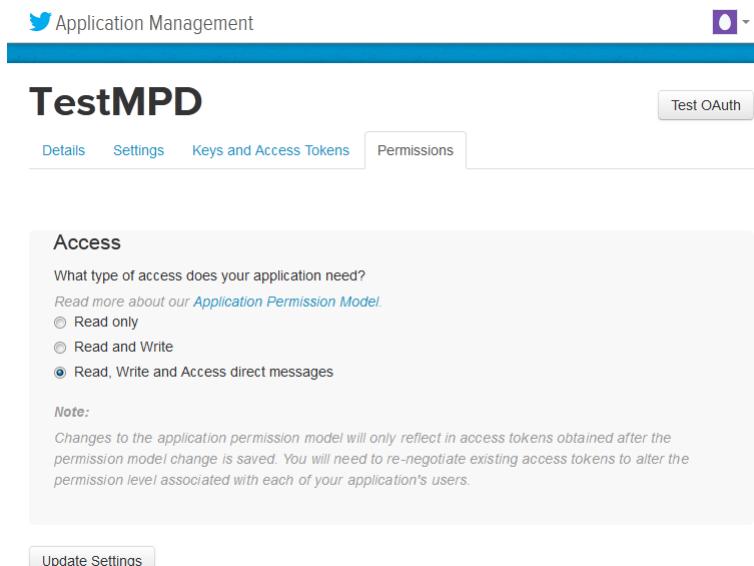
- Application Details**
 - Name:**
 - Your application name. This is used to attribute the source of a tweet and in user-facing authorization screens. 32 characters max.
 - Description:**
 - Your application description, which will be shown in user-facing authorization screens. Between 10 and 200 characters max.
 - Website:**
 - Your application's publicly accessible home page, where users can go to download, make use of, or find out more information about your application. This fully-qualified URL is used in the source attribution for tweets created by your application and will be shown in user-facing authorization screens. (If you don't have a URL yet, just put a placeholder here and remember to change it later.)
 - Callback URL:**
 - Where should we return after successfully authenticating? For [Anywhere applications](#), only the domain specified in the callback will be used. OAuth 1.0a applications should explicitly specify their `auth_callback` URL on the request token step, regardless of the value given here. To restrict your application from using callbacks, leave this field blank.
- Advanced Settings**
 - OAuth 2.0** (checkbox)
 - Permissions** (checkbox)
 - Note: The auth callback URL is a required field for OAuth 2.0 applications. If you're using OAuth 1.0a, you can leave this field blank.
- Terms of Service**
 - Note: The auth callback URL is a required field for OAuth 2.0 applications. If you're using OAuth 1.0a, you can leave this field blank.

3. Type your information for the required fields, which might include the following:
 - Name
 - Description
 - Website (the public URL for your Twitter application, where users can download your application or get more information about it; use a placeholder URL if you do not have an application URL yet)
4. In the Developer Agreement section, read the rules agreement and select Yes, I agree.
5. If required, type the security text.
6. Click Create your Twitter application.

Your Twitter application opens in the Application Management page.

7. Click the Permissions tab.

The Permissions tab opens.



The screenshot shows the Twitter Application Management interface. At the top, there's a blue header bar with the Twitter logo and the text 'Application Management'. Below the header, the application name 'TestMPD' is displayed. The 'Permissions' tab is active, indicated by a blue underline. On the left, there's a sidebar with 'Details', 'Settings', 'Keys and Access Tokens', and 'Permissions'. The main content area is titled 'Access' and contains the following text:
 What type of access does your application need?
 Read more about our [Application Permission Model](#).
 Read only
 Read and Write
 Read, Write and Access direct messages
 Note:
 Changes to the application permission model will only reflect in access tokens obtained after the permission model change is saved. You will need to re-negotiate existing access tokens to alter the permission level associated with each of your application's users.
 At the bottom of this section is a 'Update Settings' button.

8. In the Access area, select Read, Write and Access direct messages, and then click Update this Twitter application's settings.

Your settings are saved.

9. Click the Keys and Access Tokens tab.

The Keys and Access Tokens tab opens.

Application Settings

Keep the "Consumer Secret" a secret. This key should never be human-readable in your application.

Consumer Key (API Key)	wbrJdeBK6jkdF0lQ0dZQkQ
Consumer Secret (API Secret)	ifZCu7v9gPGLnN6pvPnxC8owx5BdxPnpKCwmTc
Access Level	Read, write, and direct messages (modify app permissions)
Owner	JohnSmith
Owner ID	1305476023

Application Actions

[Regenerate Consumer Key and Secret](#) [Change App Permissions](#)

Your Access Token

This access token can be used to make API requests on your own account's behalf. Do not share your access token secret with anyone.

Access Token	1305476023-WZ1shxVBHrywXlhWuk7lgl5F7FlEcBbybg1f
Access Token Secret	uuTngSt2Lo7GzLdg0Zo826b5S9ffTV7eAssvoC076U
Access Level	Read, write, and direct messages
Owner	STAllston
Owner ID	1305476023

Token Actions

[Regenerate My Access Token and Token Secret](#) [Revoke Token Access](#)

10. In the Application Settings area, click Create Consumer Key and Secret.

 *If you already created an access token, the button in this area is labeled "Recreate Consumer Key and Secret."*

11. In the Your Access Token area, click Create My Access Token and Token Secret.

 *If you already created an access token, the button in this area is labeled "Recreate My Access Token and Token Secret."*

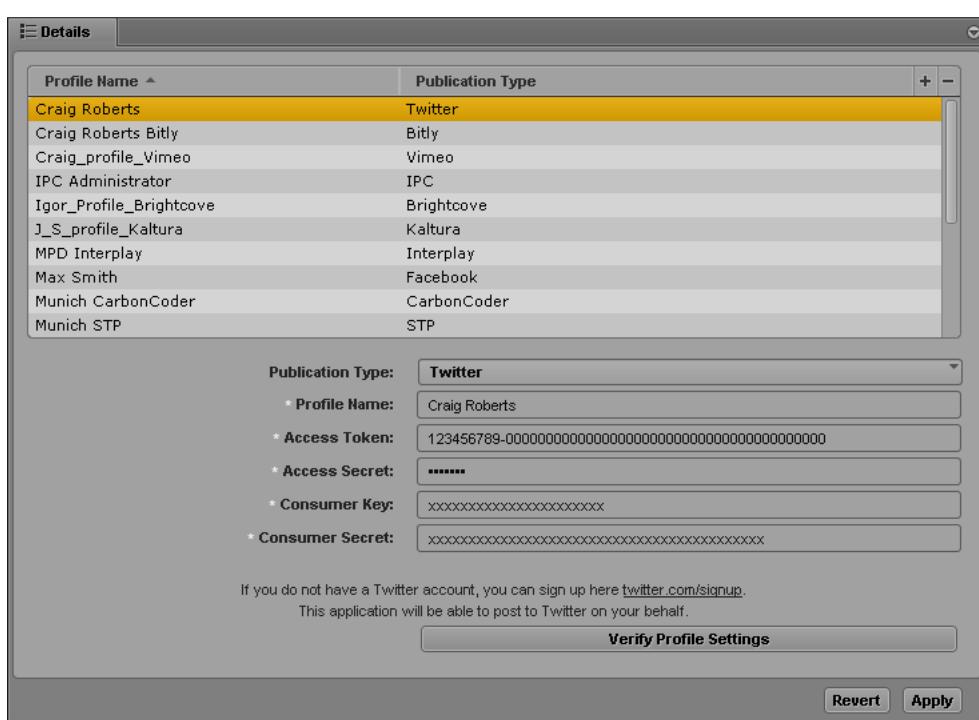
12. Save the following parameter fields so you can enter them in the appropriate location in the MediaCentral UX settings:

- Consumer key
- Consumer secret
- Access token
- Access token secret

To configure MediaCentral UX for your Twitter application:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.
The System Settings layout opens.
3. Under Settings, select the Media Distribution Profile.

The Settings pane displays the settings in that group.



4. Click the Publication Type menu and select Twitter.
5. Click the + (plus) button in the Details section.

A Twitter profile named “New Profile” is created in the Details section.
6. Specify the required settings, using the parameter fields you copied from your Twitter application Web page:
 - Profile Name (type a descriptive name for your profile)
 - Access Token
 - Access Secret

- Consumer Key
- Consumer Secret

7. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

8. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.



You can add multiple Twitter profiles.

Configuring a Facebook Publication Account

Before you can publish a package to Facebook from MediaCentral UX using Media Distribute, you must first set up a Facebook profile account to which you want to publish, and you must configure a Facebook publication account in MediaCentral UX. You also need to set permissions for your Facebook application so it can post to your Facebook account.

This section describes configuring corporate or group house accounts. When you publish to these accounts, your packages require review and approval. For information on configuring a personal account, see “Configuring a User Profile for a Personal Facebook Account” on page 118.



Before you attempt to publish your package to Facebook, Avid recommends that you test your account privileges.

The following procedures assume you have created a Facebook account at <https://www.facebook.com>.



The user interface for Facebook developers might change without notice. The procedure below provides general guidelines to create the elements needed to configure Media Distribute. For more information on creating a Facebook application, downloading and installing any necessary SDK applications, see Facebook support documentation.

To set up a Facebook developer account:

1. Log on to your Facebook account, and then go to the Facebook developers Web page at <https://developers.facebook.com>.
2. If you have not registered as a Facebook developer, do the following:
 - a. Click Apps and select Register as a Developer.
The Register as a Facebook Developer dialog box opens.
 - b. Follow the prompts to register as a Facebook developer.

To set up a Facebook application account for MediaCentral UX multi-platform delivery:

1. Log on to your Facebook account, and then go to the Facebook developers Web page at <https://developers.facebook.com>.
2. Click Apps, and select Create New App.



If you previously created an app for Facebook, select My Apps > Add a New App.

The Create New App ID dialog box opens.

Create a New App ID

Get started integrating Facebook into your app or website

Display Name
The name you want to associate with this App ID

Contact Email
Used for important communication about your app

Category
Choose a Category

By proceeding, you agree to the Facebook Platform Policies

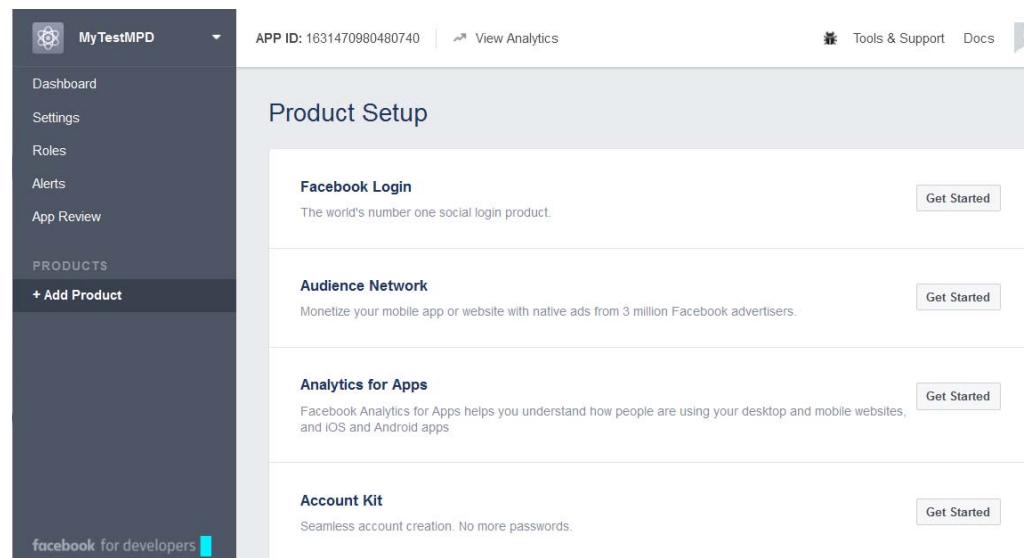
Cancel Create App ID

3. Type a display name for your app. The display name appears in a Facebook posting when media is published.
4. Type a contact e-mail address for your app.
5. Click the Choose a Category menu and select a category for your app — for example, Apps for Pages.
6. Click Create App ID.

The Security Check dialog box opens.

7. Type the required security text, and then click Submit.

The Product Setup dialog box opens.



8. In the navigation panel, click Dashboard.

The Dashboard for your app opens.

9. Click Show to display the app secret.

The Please Re-enter Your Password dialog box opens.

10. Type your Facebook password, and then click Submit.
11. Save the following parameter fields so you can enter them in the appropriate location in the MediaCentral UX settings:
 - App ID
 - App Secret

 You can save these parameters to a text file. This makes it easier to add the information to the Media Distribute profile for your Facebook account.

12. In the navigation panel, click Settings.

The Basic Settings page opens.

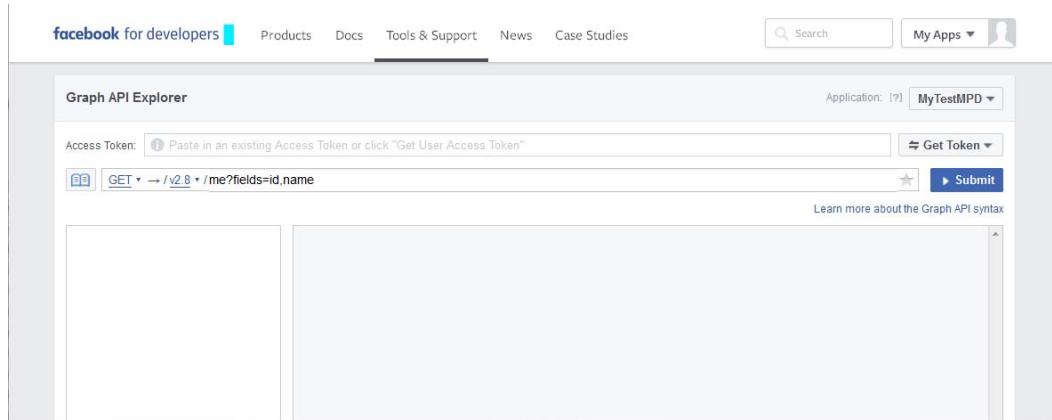
13. Click Add Platform, and select a platform for your app — for example, Website.
A section for your platform opens in the Basic Settings page.
14. Supply the appropriate information for the platform for your app.

 *If you type a URL, it is embedded in the App Name in Facebook postings. When visitors click the credit for posting, a new browser tab opens at the URL entered here*

15. Click Save Changes.

To set Facebook permissions for your Media Distribute application:

1. In the navigation panel, click Dashboard.
The dashboard for your app opens.
2. Click Tools and Support at the top of the dashboard.
The Tools and Support Web page opens.
3. Click Graph API Explorer.
The Graph API Explorer Web Page opens.
4. Click the Application menu, and select your Facebook application.
The Graph API Explorer Web page opens.



5. Click the Get Token menu, and then select Get User Access Token.
The Select Permissions dialog box opens.
6. Select the following permissions:
 - publish_actions
 - user_friends
 - user_photos
 - user_videos
 - manage_pages
 - publish_pages

Select Permissions

v2.8

User Data Permissions

- email
- publish_actions
- user_about_me
- user_birthday
- user_education_history
- user_friends
- user_games_activity
- user_hometown
- user_likes
- user_location
- user_photos
- user_posts
- user_relationship_details
- user_relationships
- user_religion_politics
- user_status
- user_tagged_places
- user_videos
- user_website
- user_work_history

Events, Groups & Pages

- ads_management
- ads_read
- business_management
- manage_pages
- pages_manage_cta
- pages_manage_instant_articles
- pages_messaging
- pages_messaging_phone_number
- pages_messaging_subscriptions
- pages_show_list
- publish_pages
- read_page_mailboxes
- rsvp_event
- user_events
- user_managed_groups

- user_actions.books
- user_actions.fitness
- user_actions.music
- user_actions.news
- user_actions.video

Other

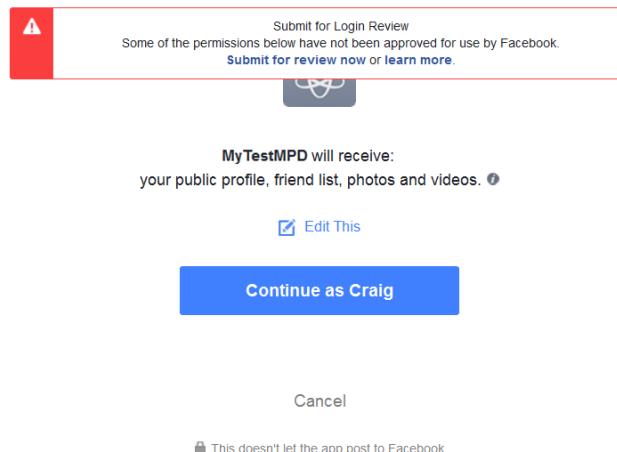
- read_audience_network_insights
- read_custom_friendlists
- read_insights

Public profile included by default

Get Access Token **Clear** **Cancel**

7. Click Get Access Token.

A confirmation dialog box opens.



8. Click Continue as *Name*, where *Name* is the first name of your Facebook profile account.

A dialog box opens to allow you to select who can view your Facebook posts.

9. Click the Friends menu and select the appropriate access, and then click OK, and then click OK in the confirmation dialog box.

The Graph API Explorer page for your app opens and displays the new access token.

 *This token remains valid for only one or two hours. If you plan on completing your Media Distribute Facebook account profile in this time, you can extend the expiration date within Media Distribute. If you cannot complete your configuration before then, you can extend the expiration of your user access token from the Facebook developer Web site.*

10. Click Submit.
11. Save the following parameters so you can enter it in the appropriate location in the MediaCentral UX setting.
 - Access token
 - User ID (for the FB Profile ID option in your Media Distribute Facebook profile account)

To verify permissions and extend the access token expiration from the Facebook developer Web site:

1. In the Tools and Support Web page, click Access Token Tool.

The Access Token Tool page opens and displays the token information for all of your apps.

2. Click Debug for the user token for your app.

The Access Token Debugger for your app opens, showing the permissions you selected in the Scopes field.

3. Click Extend Access Token, and then re-enter the account password in the validation dialog.
The new access token displays.

 *Facebook automatically extends the long-term access token prior to the expiration date, except for apps that are unused.*

4. Save the new access token so you can enter it in the appropriate location in the MediaCentral UX settings.

To make your app available to be viewed by the public:

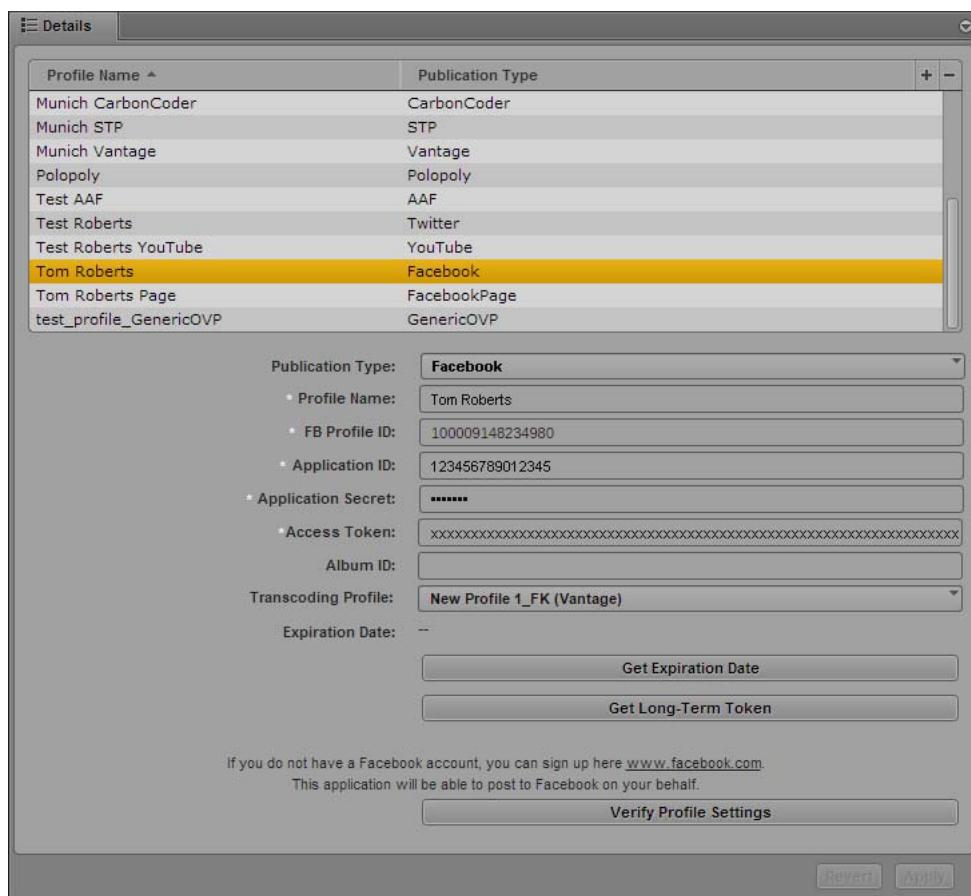
1. Log on to your Facebook developers account, click My Apps, and select your app.
The Dashboard page for your app opens.
2. Click App Review.
3. In the Status tab, click the Yes button to activate your app.

A confirmation dialog box opens.

4. Click Confirm.

To configure MediaCentral UX for your Facebook application:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.
The System Settings layout opens.
3. In the Settings pane select Media Distribute > Profiles.
The Settings pane displays the settings in that group.



4. Click the Publication Type menu and select Facebook.
5. Click the + (plus) button in the Details section.
A Facebook profile named “New Profile” is created in the Details section.
6. Specify the required settings, using the parameter fields you copied from your Facebook Apps Web page:
 - Profile Name (type a descriptive name for your profile — for example, *[MyCompany] Facebook News*)
 - FB Profile ID
 - Application ID
 - Application Secret
 - Access Token
 - (Optional) Album ID

 You can specify the name of a Facebook album if you want to publish images directly to an album that you have created for your Facebook account. By default, images are published to an album named after the App you created.

7. (Optional) Click Transcoding Profile and select one of the available profiles.

 You cannot publish video directly to Facebook unless you specify a transcoding profile.

8. (Optional) Click Get Expiration Date.

Media Distribute checks the expiration date of your access token and updates the entry in the Expiration Date field. This shows you how much time is left on your Facebook access token.

9. (Optional) Click Get Long-Term Token.

Media Distribute converts your access token, which often remains valid for a couple of hours, to a long-lived token. For more information on short-lived and long-lived tokens and their expiration periods, see your Facebook developer documentation.

10. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

11. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

 You can add multiple Facebook profiles.

Configuring a Facebook Page Publication Account

You can publish packages to a corporate Facebook Page account from MediaCentral UX using Media Distribute. Once you set up a Page account on Facebook, you then can configure a Facebook Page publication account.

Facebook Pages allow businesses to connect with customers and users. Facebook Page accounts allow official representatives of a business or organization to create and contribute to Pages. For more information on Facebook Pages, see Facebook Pages support information at www.facebook.com/help.

You do not need to configure a Facebook publication account in Media Distribute in order to publish to your Facebook Page, but you do need to have a Facebook account to set up a Facebook Page. For information on configuring a Facebook publication account, see “[Configuring a Facebook Publication Account](#)” on page 60.

 Before you attempt to publish your package to a Facebook Page, Avid recommends that you test your account privileges.

The following procedures assume you have created a Facebook account and created a Facebook Page at <https://www.facebook.com/pages/create>.



The user interface for Facebook developers might change without notice. The procedure below provides general guidelines to create the elements needed to configure Media Distribute. For more information on creating a Facebook application, see Facebook support documentation.

To set up a Facebook Page for MediaCentral UX multi-platform delivery:

1. Log on to your Facebook account, click the Edit Account button, and select Manage Pages.

The Pages page opens.

2. Click your Page in the Pages list.

Your Facebook Page opens.

3. Click About, and then select Page Info.

Your Facebook Page displays the page information.

About Media Distribute Page	
Overview	PAGE INFO
Page Info	Category: Local Businesses : Local Business Name: Media Distribute Page Subcategories: Choose up to three subcategories Facebook Web Address: www.facebook.com/abcdefgpage Address: 65-75 Network Ct, Burlington, Massachusetts 01803 Start Date: Joined Facebook Hours: + Enter hours of operation Short Description: Write a short description for your Page Impressum: Input Impressum for your Page Long Description: Write a long description for your Page General Information: + Enter general information Price Range: + Enter price range Parking: + Enter type of parking available Public Transit: + Enter how to reach the place by public transit Phone: (570) 640-6789 Email: Enter your email address Website: Enter your website Official Page: Enter the official brand, celebrity or organization your Page is about
Facebook Page ID	1421359308112599

4. Save your Facebook Page ID so you can enter it in the appropriate location in the MediaCentral UX setting.

To set Facebook Page permissions for your Media Distribute application:

1. Log on to your Facebook developers account, and click Tools & Support > Graph API Explorer.
2. Click the Application menu and select the Facebook application associated with your Facebook Page.

The Graph API Explorer Web page displays.

3. Click the Get Token menu, and then select Get Access Token.

The Select Permissions dialog box opens.

4. Click the User Data Permissions tab, and then select the user_friends, the user_photos, and user_videos options.

5. Click the Extended Permissions tab, and then select the manage_pages, publish_actions, and publish_pages options.

6. Click Get Access Token.

The Web page generates a new access token and sets the necessary permissions for your application.



This token remains valid for only one hour.

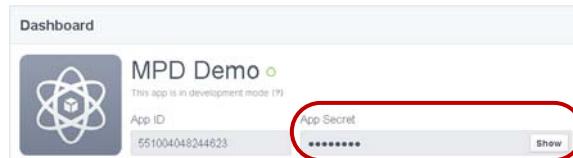
7. Save your access token so you can enter it in the appropriate location in the MediaCentral UX setting.
8. Click Debug.

The Access Token Debugger page opens and displays information about your access token.

Access Token Info	
App ID	11111111111111111111111111111111 - Test
User ID	10000000000000000000000000000000 - Craig Roberts
Issued	Unknown
Expires	1395846000 (in about an hour)
Valid	True
Origin	Web
Scopes	basic_info, manage_pages, public_profile, publish_actions, publish_stream, read_stream, share_item, user_friends

9. Save your App ID and User ID so you can enter them in the appropriate locations in the MediaCentral UX setting.
10. Select Apps > *[your Facebook app]*.

The Dashboard for your app opens.



11. Click Show to display your App Secret.
12. Save your App Secret so you can enter it in the appropriate locations in the MediaCentral UX setting.

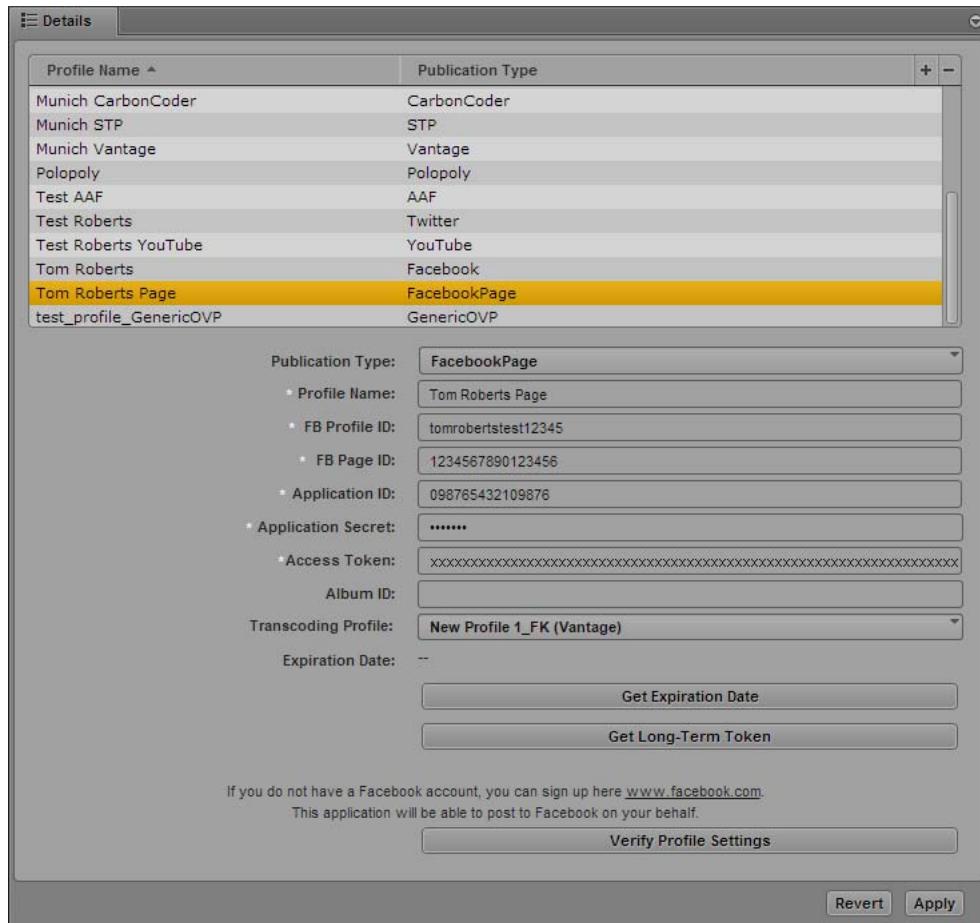
To configure MediaCentral UX for your Facebook Page:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.

The System Settings layout opens.

3. In the Settings pane select Media Distribute > Profiles.

The Settings pane displays the settings in that group.



4. Click the Publication Type menu and select FacebookPage.

5. Click the + (plus) button in the Details section.

A FacebookPage profile named “New Profile” is created in the Details section.

6. Specify the required settings, using the parameter fields you copied from your Facebook Page Web page:

- Profile Name (type a descriptive name for your profile — for example, *[MyCompany] Page*)
- FB Profile ID — the Facebook Profile ID of the user who administers your Facebook Page
- FB Page ID — from your Facebook app settings
- Application ID — from your Facebook app settings
- Application Secret — from your Facebook app settings
- Access Token — from your Facebook app settings
- (Optional) Album ID



You can specify the name of a Facebook album if you want to publish images directly to an album that you have created for your Facebook account.

7. (Optional) Click Transcoding Profile and select one of the available profiles.



You cannot publish video directly to Facebook unless you specify a transcoding profile.

8. (Optional) Click Get Expiration Date.

Media Distribute checks the expiration date of your access token and updates the entry in the Expiration Date field. This shows you how much time is left on your Facebook access token.

9. (Optional) Click Get Long-Term Token.

Media Distribute converts your access token, which often remains valid for a couple of hours, to a long-lived token. For more information on short-lived and long-lived tokens and their expiration periods, see your Facebook developer documentation.

10. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

11. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.



You can add multiple Facebook page profiles.

Configuring a Vimeo Publication Account

Before you can publish a package to Vimeo from MediaCentral UX using Media Distribute, you must first set up a Vimeo account to which you want to publish, and you must configure a Vimeo publication account. The configuration requires that you request and receive upload access for your app from Vimeo.



Media Distribute works with both the Advanced API and the standard API used by Vimeo applications. For both, you need to check the OAuth tab in the My Apps Web page for the required parameters used in configuring your Vimeo account. To use OAuth2 authentication, see “Configuring a YouTube v3 Publication Account” on page 80.

The following procedures assume you have created a Vimeo account at <https://vimeo.com/>.

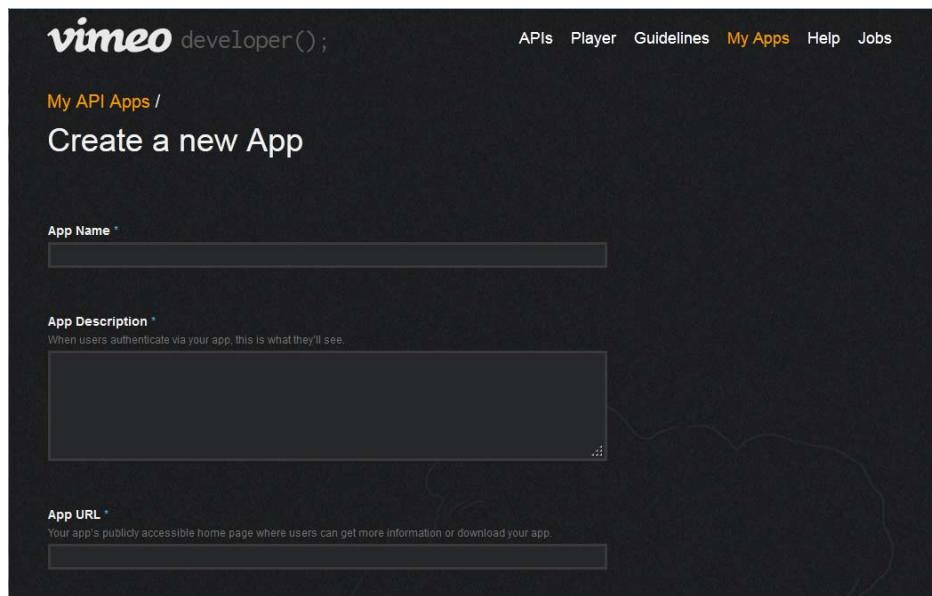


The user interface for Vimeo might change without notice. The procedure below outlines the general steps to create the elements needed to configure Media Distribute. For more information on creating a Vimeo application, see your Vimeo account documentation.

To set up a Vimeo application account for MediaCentral UX multi-platform delivery:

1. Log on to your Vimeo account, and then go to the Vimeo My Apps Web page at <https://developer.vimeo.com/apps>.
2. Click “Create a new app.”

The Create an new App Web page opens.



3. Type your information in the required text fields:
 - App Name
 - App Description
 - App URL (the public URL for your Vimeo application, where users can download your application or get more information about it; use a placeholder URL if you do not have an application URL yet)
4. Accept the Vimeo API License Agreement (<https://developer.vimeo.com/guidelines/terms>) and the Vimeo Terms of Service (<https://vimeo.com/terms>), and then click Create app.

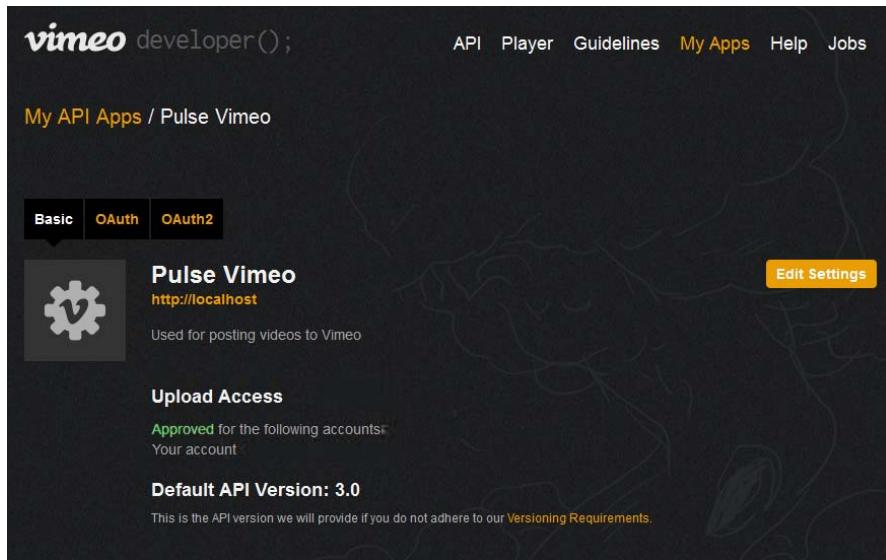
The My API Apps Web page opens.

5. To request upload access, do the following:
 - a. Click the Basic tab, and in the Upload Access section click Request Upload Access.

The Request Upload Permissions Web page opens.

 - b. On the Request Upload Permissions page, answer the three questions and then click Request Upload Access.

The message, “Requested - Pending decision,” displays. If Vimeo approves the request, the My API Apps page for your app displays the approval in the Upload Access section. Approval from Vimeo might take up to five business days from the time of the request.



6. Click the OAuth tab, and save the following parameter fields so you can enter them in the appropriate location in the MediaCentral UX settings:
 - Client ID (Also known as Consumer Key or API Key)
 - Client Secret (Also known as Consumer Secret or API Secret)
 - Access token
 - Access token secret



By default, Vimeo assigns Read, Write, and Delete permissions for your application.

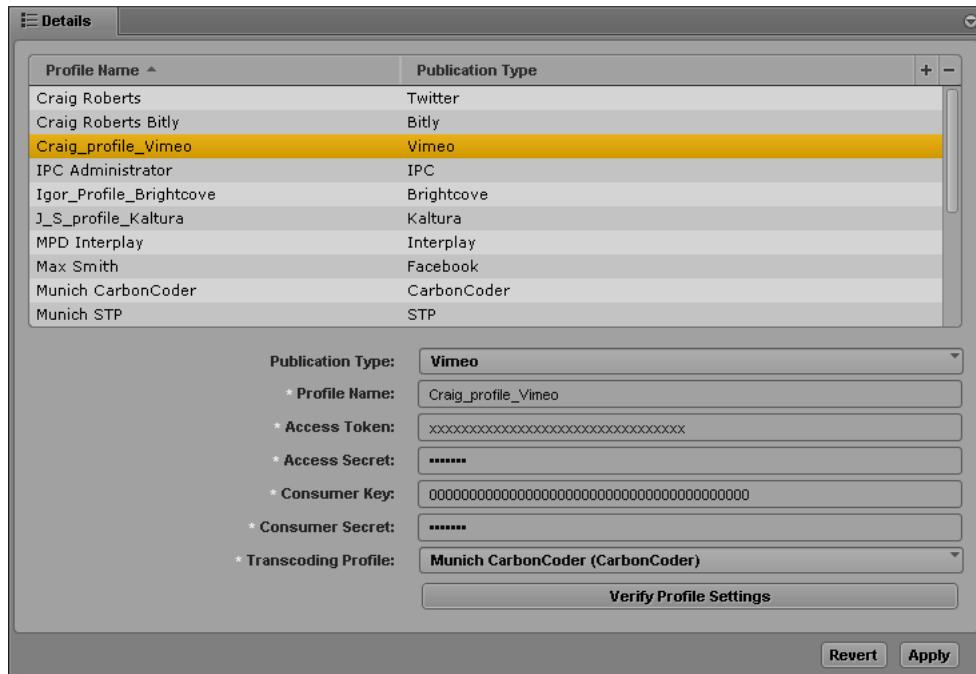
To configure MediaCentral UX for your Vimeo application:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.

The System Settings layout opens.

3. In the Settings pane select Media Distribute > Profiles.

The Settings pane displays the settings in that group.



4. Click the Publication Type menu and select Vimeo.

5. Click the + (plus) button in the Details section.

A Vimeo profile named “New Profile” is created in the Details section.

6. Specify the required settings, using the parameter fields you copied from your Vimeo My Advanced API Apps Web page:

- Profile Name (type a descriptive name for your profile)
- Access Token
- Access Secret
- Consumer Key
- Consumer Secret

7. Click Transcoding Profile and select one of the available profiles.

8. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

9. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

Configuring a Vimeo V3 Publication Account

Before you can publish a package to Vimeo from MediaCentral UX using Media Distribute, you must first set up a Vimeo account to which you want to publish, and you must configure a Vimeo publication account. The configuration requires that you request and receive upload access for your app from Vimeo.

The Vimeo V3 publication profile uses the V3 API for your Vimeo application. This allows you to employ the OAuth2 authentication protocol for your app.

The following procedures assume you have created a Vimeo account at <https://vimeo.com/>.



The user interface for Vimeo might change without notice. The procedure below outlines the general steps to create the elements needed to configure Media Distribute. For more information on creating a Vimeo application, see your Vimeo account documentation.

To set up a Vimeo application account for MediaCentral UX multi-platform delivery:

1. Log on to your Vimeo account, and then go to the Vimeo My Apps Web page at <https://developer.vimeo.com/apps>.
2. Click “Create a new app.”

The Create an new App Web page opens.

The screenshot shows the 'Create a new App' form on the Vimeo developer website. The top navigation bar includes links for APIs, Player, Guidelines, My Apps (which is highlighted in orange), Help, and Jobs. The main heading is 'Create a new App'. Below it are three text input fields: 'App Name *' (with a placeholder redacted), 'App Description *' (with a placeholder redacted), and 'App URL *' (with a placeholder redacted). Each field has a descriptive label and a small explanatory text below it.

3. Type your information in the required text fields:

- App Name
- App Description
- App URL (the public URL for your Vimeo application, where users can download your application or get more information about it; use a placeholder URL if you do not have an application URL yet)

- Accept the Vimeo API License Agreement (<https://developer.vimeo.com/guidelines/terms>) and the Vimeo Terms of Service (<https://vimeo.com/terms>), and then click Create app.

The My API Apps Web page opens.

- Click the OAuth2 tab.

- To request upload access, do the following:

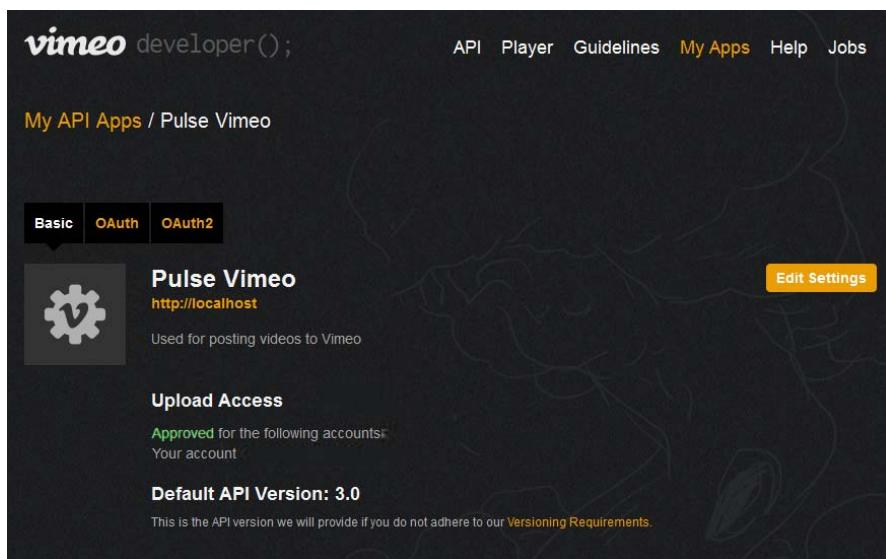
- Click the Basic tab, and in the Upload Access section click Request Upload Access.

The Request Upload Permissions Web page opens.

- On the Request Upload Permissions page, answer the three questions and then click Request Upload Access.

The message, “Requested - Pending decision,” displays. If Vimeo approves the request, the My API Apps page for your app displays the approval in the Upload Access section.

Approval from Vimeo might take up to five business days from the time of the request.



- Click Generate Token, and save the access token value displayed in the Your new Access token field so you can enter it in the appropriate location in the MediaCentral UX settings:



By default, Vimeo assigns Read, Write, and Delete permissions for your application.

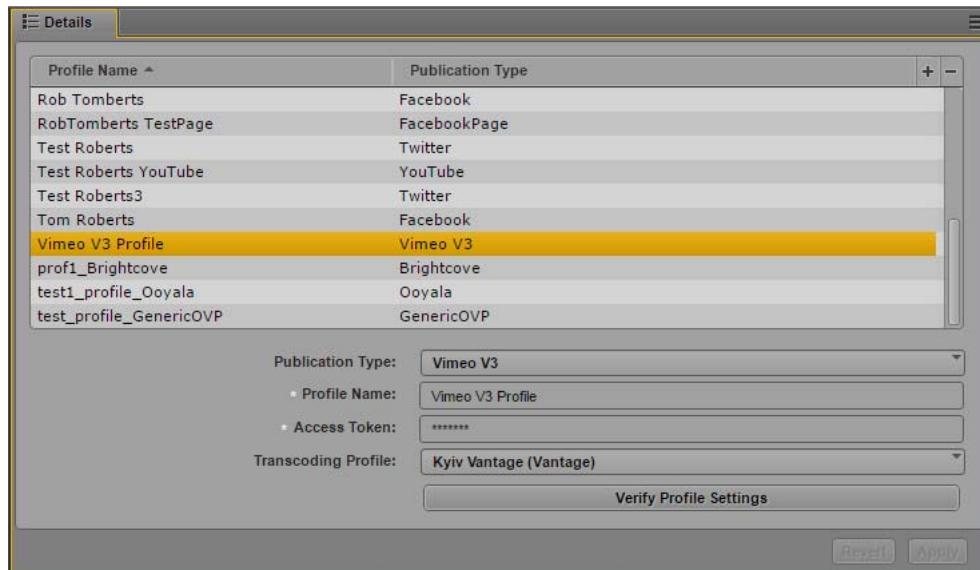
To configure MediaCentral UX for your Vimeo V3 application:

- Sign in to MediaCentral UX as an administrator.
- Select System Settings from the Layout selector.

The System Settings layout opens.

3. In the Settings pane select Media Distribute > Profiles.

The Settings pane displays the settings in that group.



4. Click the Publication Type menu and select Vimeo V3.

5. Click the + (plus) button in the Details section.

A Vimeo V3 profile named “New Profile” is created in the Details section.

6. Specify the required settings, using the access token you copied from your Vimeo My Advanced API Apps Web page:

- Profile Name (type a descriptive name for your profile)
- Access Token

7. Click Transcoding Profile and select one of the available profiles.

8. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

9. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

Configuring a YouTube v3 Publication Account

Before you can publish a package to YouTube from MediaCentral UX using Media Distribute, you must first set up a Google account to manage the publication of your media package to YouTube, and you must configure a YouTube v3 publication account in MediaCentral UX.

The following procedures assume you have created a Google account at <https://accounts.google.com/>.



The user interface for Google accounts might change without notice. The procedure below outlines the general steps to create the elements needed to configure Media Distribute. For more information on creating and managing a Google or YouTube application, see your Google developer account documentation.

You can use the Avid Media Distribute Integration application to generate the necessary access token and refresh token. MediaCentral UX also supplies the following default parameter values when it creates a new YouTube v3 profile so it can use the Avid application:

- Client Id
- Client Secret
- Scopes
- Redirect URI

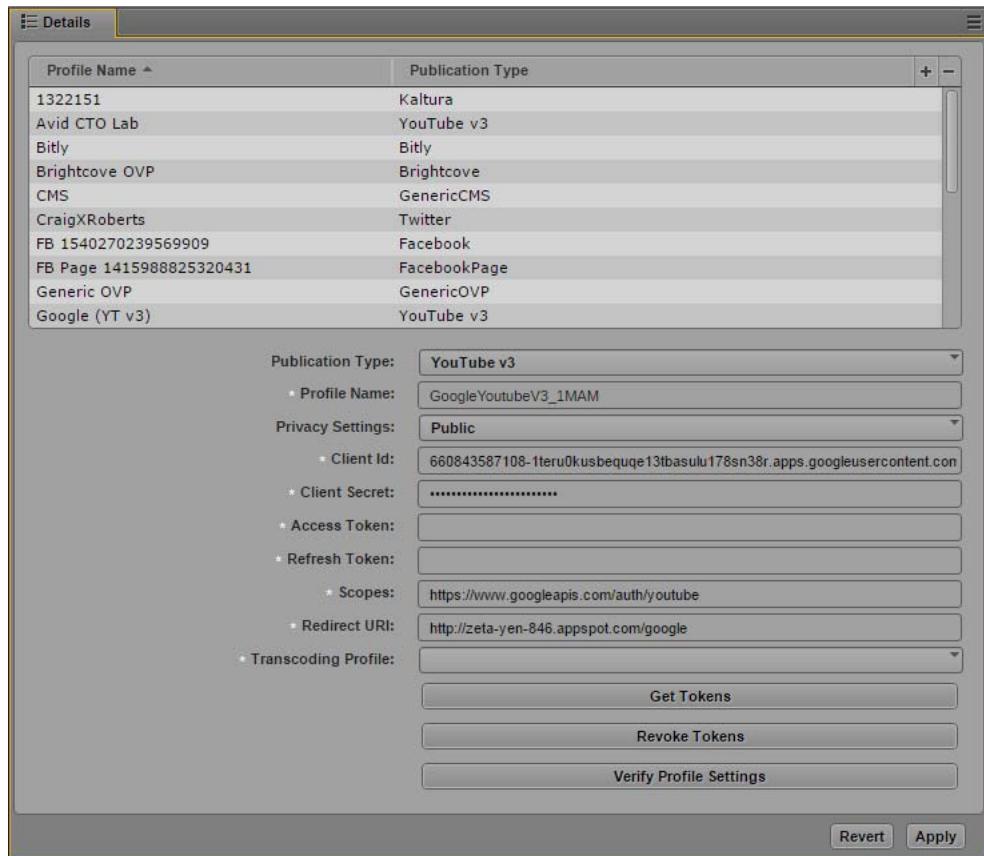


To use the Avid Media Distribute Integration application to generate default values for your YouTube v3 account, you must be logged in to the Google account you use for publishing videos from Media Distribute.

If you want to create your own YouTube application, you can replace the profile parameter values with those copied from your YouTube application. You need to generate the Client ID and Client Secret from the OAuth 2.0 credentials in the Credentials Web page in the APIs and auth section of your application in the Google Developers Console. You also need to supply the values for the Scopes and Redirect URI parameters. For more information, see the Google Developers documentation.

To configure MediaCentral UX for your YouTube v3 account:

1. Log on to your Google account at <https://accounts.google.com/>.
2. If you have never used this account to upload a video, do the following to create a YouTube channel:
 - a. In your browser, navigate to https://www.youtube.com/my_videos.
 - b. Create a new channel. For information creating a new YouTube channel, see the YouTube online help.
3. Sign in to MediaCentral UX as an administrator.
4. Select System Settings from the Layout selector.
The System Settings layout opens.
5. In the Settings pane select Media Distribute > Profiles.
The Settings pane displays the settings in that group.



6. Click the Publication Type menu and select YouTube v3.

7. Click the + (plus) button in the Details section.

A YouTube v3 profile named “New Profile” is created in the Details section, and the following parameter fields are automatically filled by default:

- Client ID
- Client Secret
- Scopes
- Redirect URI

8. Specify a Profile Name by typing a descriptive name for your profile.

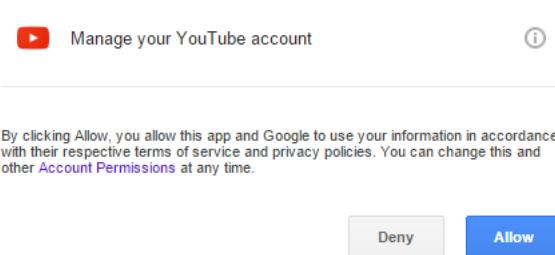
9. Click the Privacy Settings menu and select one of the following options:

- ▶ Public — Everyone can view your published videos.
- ▶ Unlisted — Only those with whom you share a URL link can view your published video.
- ▶ Private — Videos cannot be viewed by the public.

10. Click Get Tokens.

The Avid Media Distribute Integration application opens a Web page asking permission to manage your YouTube account. This allows the application to generate the necessary access tokens so you can publish videos to your YouTube account.

▼ Avid Media | Distribute Integration would like to:



 *If you already received the access and refresh tokens, clicking Get Tokens does not supply you with new tokens. You need to click Revoke Tokens, and then click Get Tokens.*

11. Click Allow.

The Avid Media Distribute Integration application generates the access tokens and displays them on the application Web page.

Please copy and paste Access Token and Refresh Token into Distribute Youtube v3 profile:

Access Token: ya29.9QXX

Refresh Token: 1/XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

If you see 'null' instead of Refresh Token it means you've already obtained it. To get a new one please press 'Revoke Token' and then do 'Get Token' again.

12. Copy the Access Token value to the parameter field for Access Token in your MediaCentral YouTube v3 profile.

13. Copy the Refresh Token value to the parameter field for Refresh Token in your MediaCentral YouTube v3 profile.

14. Click Transcoding Profile and select one of the available profiles.

15. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: "Profile configurations is valid." If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

16. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

Configuring a Brightcove Account

Before you can publish a package to Brightcove from MediaCentral UX using Media Distribute, you must first set up a Brightcove account to which you want to publish, and you must configure the Brightcove Media API settings for your account.

The following procedures assume you have created a Brightcove account at <http://www.brightcove.com/en/>.



You must have a paid Brightcove account to use the Brightcove Video Cloud Media API to publish packages from MediaCentral UX to the Brightcove service.

The Media Distribute settings for Brightcove allow you to select some rendition options when you publish to your Brightcove account. A rendition is a copy of your video transcoded to a specific bit rate and resolution. If your video is supported for transcoding, you can use Media Distribute to create multiple renditions as specified in your transcoding profile. If you use a video with the H.264 format, you can also retain this format as a rendition when you create multiple renditions.

To set up a Brightcove account for MediaCentral UX multi-platform delivery:

1. Log on to your Brightcove account, and click the Account Settings tab.

The Account Settings Web page opens.

2. In the navigation panel on the left, click API Management.

The API Management Web page opens.

The screenshot shows the Brightcove API Management page. The top navigation bar includes 'Reports', 'Users', 'Account Settings' (which is highlighted in green), and 'Profile'. The left sidebar has links for 'Publishing Settings', 'Distribution Settings', 'Analytics', 'Media Settings', 'Transcode Settings', 'Video Fields', and 'API Management' (which is also highlighted in green). The main content area is titled 'API Management' and contains a table for managing tokens. The table has columns for 'Token' (showing three rows of placeholder tokens), 'Type' (read, read, write), 'Options' (URL Access for the first two, empty for the third), and 'Manage' (with icons for each token). A message at the bottom states 'You are using 2 of 6 available Read Tokens and 1 of 3 available Write Tokens'. Below the table are buttons for 'Add a:' (with dropdowns for 'Read Token' and 'Write Token') and a '+' button for 'Add'.

3. To create tokens, do the following:

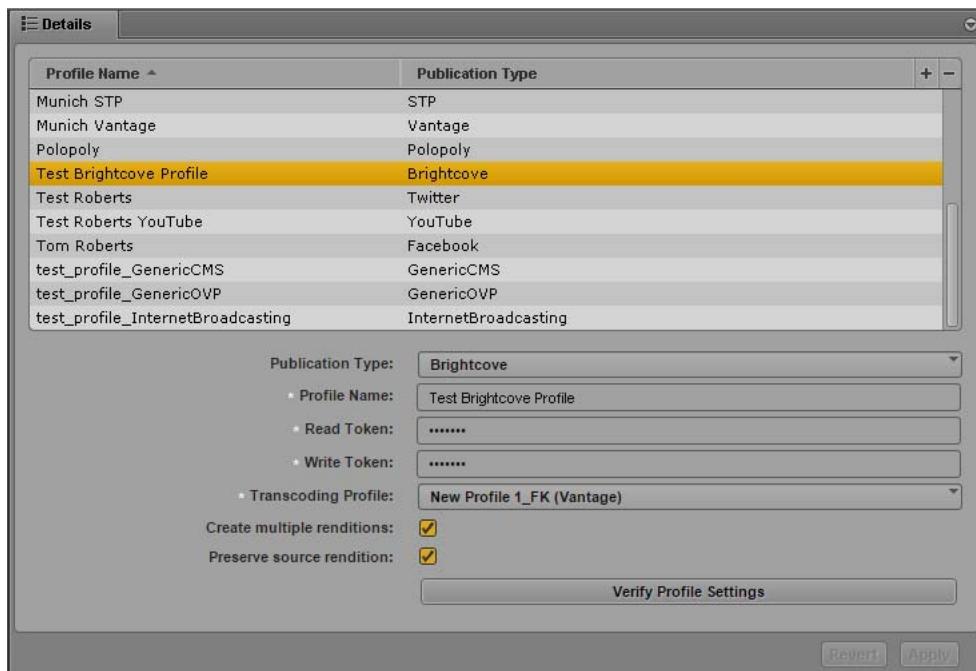
- a. Click the Add a: menu and select Read Token with URL Access, and then click Add.
- b. Click the Add a: menu and select Write Token, and then click Add.

The tokens appear in the Token list.

4. Save the following parameter fields from the API Management Web page so you can enter them in the appropriate location in the MediaCentral UX settings:
 - Read Token with URL Access
 - Write Token

To configure MediaCentral UX for your Brightcove account:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.
The System Settings layout opens.
3. In the Settings pane select Media Distribute > Profiles.
The Settings pane displays the settings in that group.



4. Click the Publication Type menu and select Brightcove.
5. Click the + (plus) button in the Details section.
A Brightcove profile named “New Profile” is created in the Details section.
6. Specify the required settings, using the parameter fields you copied from your Brightcove API Management Web page:
 - Profile Name (type a descriptive name for your profile)
 - Read Token
 - Write Token
7. Click Transcoding Profile and select one of the available profiles.
8. (Optional) If you want to create multiple transcoded versions of your media as specified in your transcoding profile, select Create multiple renditions.
9. (Optional) If you want to keep a copy of your video at the source H.264 rendition in addition to any other renditions created, select Preserve source rendition. This option is selected by default.
10. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

11. Click **Apply** to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click **Revert** to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

Configuring a Kaltura Account

Before you can publish a package to Kaltura from MediaCentral UX using Media Distribute, you must first set up a Kaltura account to which you want to publish, and you must configure the Kaltura Media API settings for your account.

The following procedures assume you have created a Kaltura account at <http://corp.kaltura.com/>.

To set up a Kaltura account for MediaCentral UX multi-platform delivery:

1. Log on to your Kaltura account at <http://corp.kaltura.com/>, and click the **Settings** tab.

The Account Settings Web page opens.

2. Click **Integration Settings** tab.

The Integration Settings Web page opens.

Notification Name	Sent by Client	Sent by Server
Add Entry	<input type="checkbox"/>	<input type="checkbox"/>
Update Entry Permissions	<input type="checkbox"/>	<input type="checkbox"/>
Delete Entry	<input type="checkbox"/>	<input type="checkbox"/>
Block Entry	<input type="checkbox"/>	<input type="checkbox"/>
Add User	<input type="checkbox"/>	<input type="checkbox"/>
Update Entry Thumbnail	<input type="checkbox"/>	<input type="checkbox"/>
Update Entry Moderation	<input type="checkbox"/>	<input type="checkbox"/>

3. Save the following parameter fields from the Integration Settings Web page so you can enter them in the appropriate location in the MediaCentral UX settings:

- Partner ID
- Administration Secret

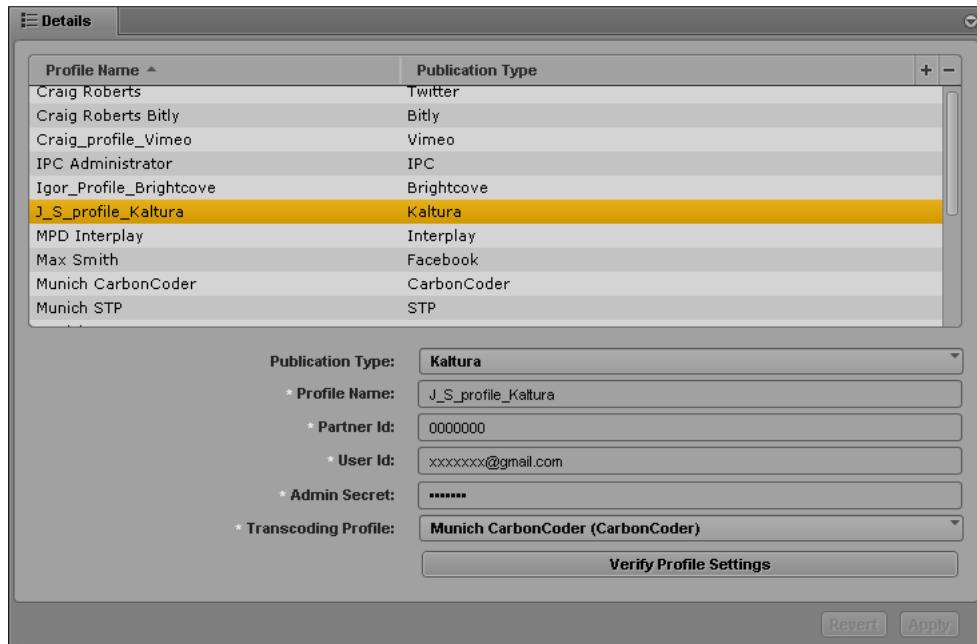
To configure MediaCentral UX for your Kaltura account:

1. Sign in to MediaCentral UX as an administrator.
2. Select **System Settings** from the Layout selector.

The System Settings layout opens.

3. In the Settings pane select Media Distribute > Profiles.

The Settings pane displays the settings in that group.



4. Click the Publication Type menu and select Kaltura.

5. Click the + (plus) button in the Details section.

A Kaltura profile named “New Profile” is created in the Details section.

6. Specify the required settings, using the parameter fields you copied from your Kaltura API Management Web page:

- Profile Name (type a descriptive name for your profile)
- Partner ID
- User ID (your login credential)
- Admin Secret

7. Click Transcoding Profile and select one of the available profiles.

8. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

9. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

Configuring an Ooyala Account

Before you can publish a package to Ooyala from MediaCentral UX using Media Distribute, you must first set up an Ooyala account to which you want to publish, and you must check the Backlot API settings for your account.

The following procedures assume you have created an Ooyala account at <https://backlot.ooyala.com/backlot/web>.

To set up an Ooyala account for MediaCentral UX multi-platform delivery:

1. Log on to your Ooyala Backlot account.
The Ooyala Backlot Web page opens.
2. Click the Account tab, and then click the Developers tab.
The Backlot API Web page opens.

3. Save the following parameter fields from the Backlot API Web page so you can enter them in the appropriate location in the MediaCentral UX settings:
 - API Key
 - API Secret

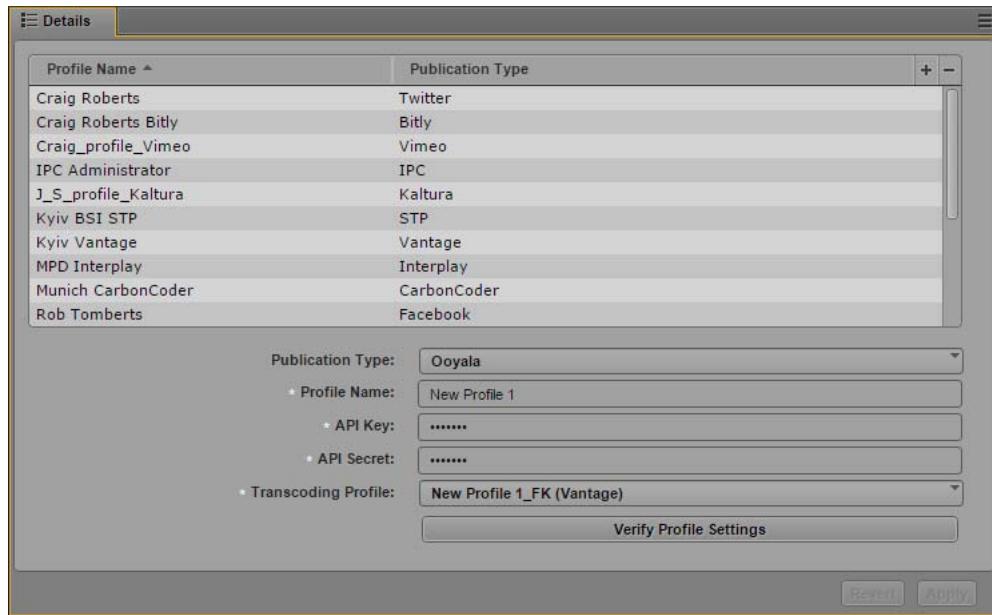
To configure MediaCentral UX for your Ooyala account:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.

The System Settings layout opens.

3. In the Settings pane select Media Distribute > Profiles.

The Settings pane displays the settings in that group.



4. Click the Publication Type menu and select Ooyala.

5. Click the + (plus) button in the Details section.

An Ooyala profile named “New Profile” is created in the Details section.

6. Specify the required settings, using the parameter fields you copied from your Ooyala Backlot API Web page:

- Profile Name (type a descriptive name for your profile)
- API Key
- API Secret

7. Click Transcoding Profile and select one of the available profiles.

8. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

9. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

Configuring a Flickr Account

Before you can publish a package to Flickr from MediaCentral UX using Media Distribute, you must first set up an Flickr account to which you want to publish, and you must check the Flickr App Garden settings for your account.

The following procedures assume you have created an Flickr account at <https://www.flickr.com>, and that you have created your Flickr app. For information on creating apps for Flickr, see the Flickr documentation at <https://www.flickr.com/services/api/>.

To set up an Flickr account for MediaCentral UX multi-platform delivery:

1. Log in to your Flickr account.
2. Select Explore > App Garden.
3. In the Your Apps section, click Apps By You.

The App Garden page displays your apps.

4. Click the name of your app and save the following parameter fields so you can enter them in the appropriate location in the MediaCentral UX settings:
 - API Key
 - API Secret

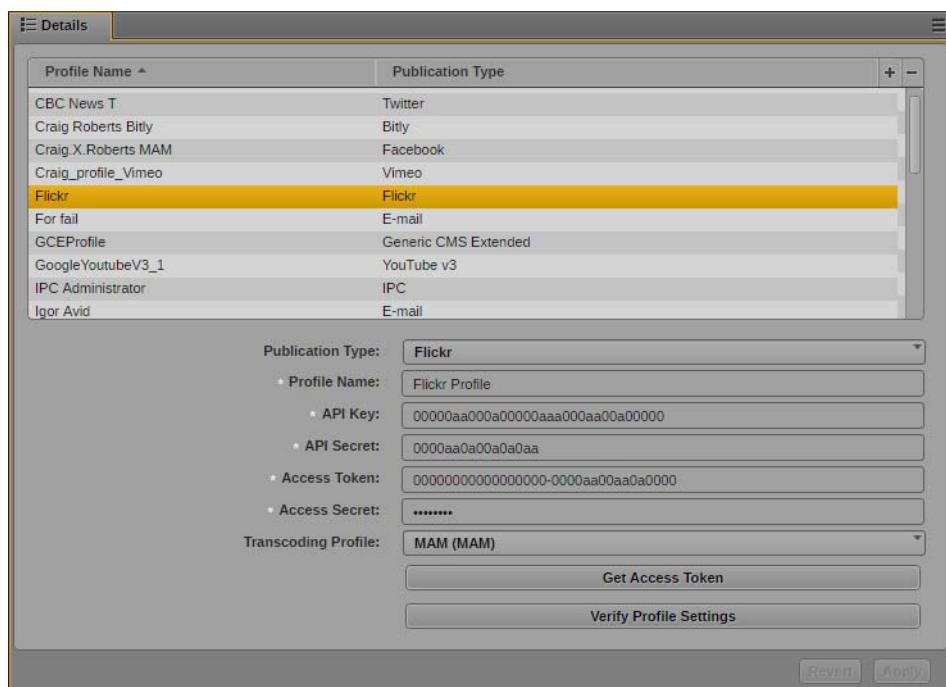
To configure MediaCentral UX for your Flickr account:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.

The System Settings layout opens.

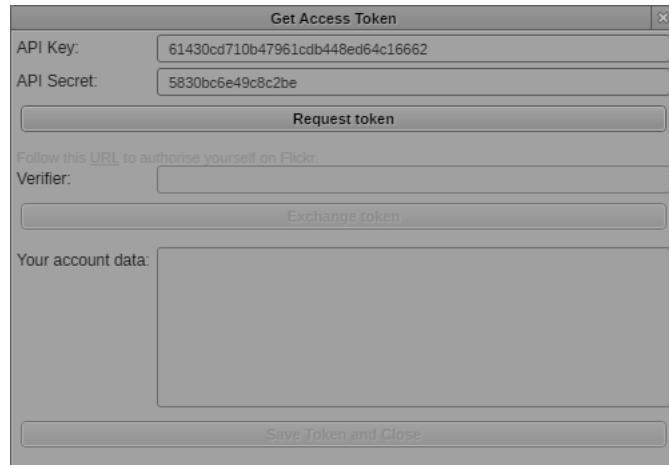
3. In the Settings pane select Media Distribute > Profiles.

The Settings pane displays the settings in that group.



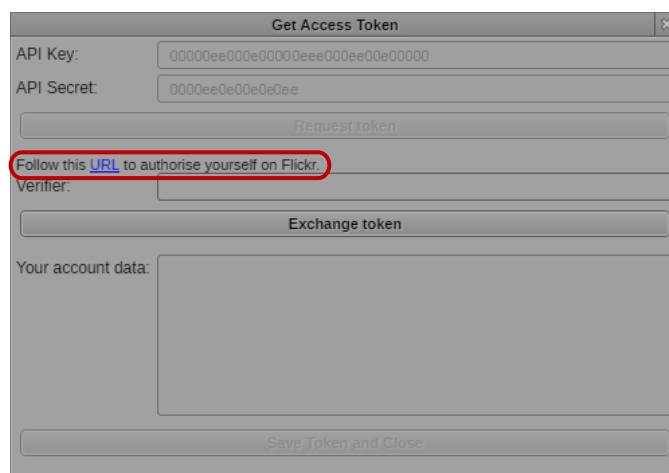
4. Click the Publication Type menu and select Flickr.
5. Click the + (plus) button in the Details section.
An Flickr profile named “New Profile” is created in the Details section.
6. Specify the required settings, using the parameter fields you copied from your Flickr app in the App Garden.
 - Profile Name (type a descriptive name for your profile)
 - API Key (from your app settings in the Flickr App Garden)
 - API Secret (from your app settings in the Flickr App Garden)
7. To get your Access Token and Access Secret, do the following:
 - a. Click Get Access Token.

The Get Access Token dialog box opens.



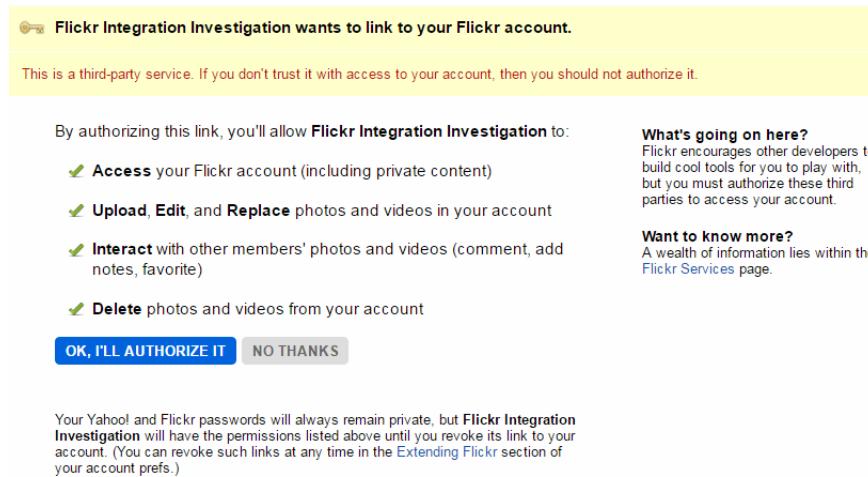
- b. Click Request Token.

The Get Access Token dialog box updates and provides a URL link for the access token.



- Click the URL link in the Get Access Token dialog box.

The authorization Web page for your Flickr app opens.

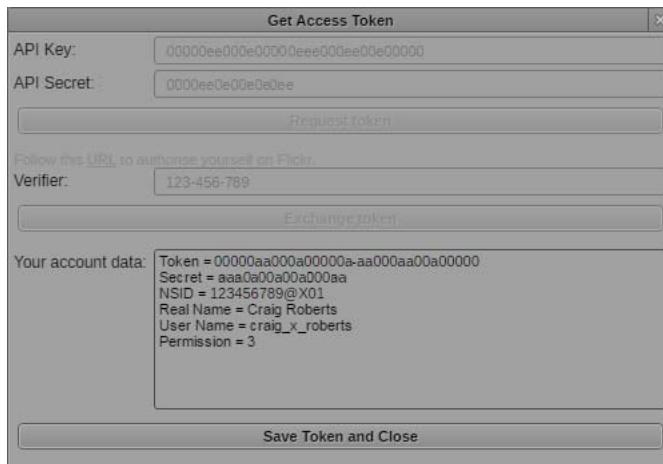


- Click OK, I'll Authorize It.

The Flickr authorization Web page displays your authorization code.

- Type your authorization code in the Verifier text box in the Get Access Token dialog box, and then click Exchange token.

The Get Access Token displays your Flickr app account data.



- Click Save Token and Close.

The Get Access Token dialog box closes, and the following fields are automatically filled in the Flickr Profile:

- Access Token
- Access Secret

- Click Transcoding Profile and select one of the available profiles.

9. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

10. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

Configuring an Atex Polopoly Web CMS Account

Before you can publish a package to Polopoly from MediaCentral UX using Media Distribute, you must first have a Polopoly account with Atex and set up a Polopoly environment.

You can create multiple Polopoly profiles in the System Settings layout, but you can only configure one Web CMS account at a time — for example, you can configure MediaCentral UX either for Polopoly or for WorldNow, but not for both.

The following procedures assume you have already created the necessary Polopoly environment. See your Polopoly documentation for more information.

To configure your Polopoly server for MediaCentral UX multi-platform delivery:

1. Log on to your Polopoly server using one of the following set of credentials.
 - Log in as `root` with the your root password.
 - Log in as `centos` with your centos password.

SSH is turned off by default.
2. To make the Polopoly user interface accessible through the server firewall, type to following to open a port: `iptables -I INPUT 1 -i eth0 -p tcp --dport 8080 -j ACCEPT`
3. If the Polopoly services are not running, do the following:
 - a. Type `su` and press Return.
 - b. At the prompt, type the password you used to log in to the server.
 - c. Start the MySQL database by typing the following: `cd /usr/local/mysql/support-files./mysql.server start`
 - d. Navigate to the Jboss directory by typing `cd /opt/jboss` and then start Jboss by typing the following: `bin/run.sh -b 0.0.0.0 &`
 - e. Navigate to the Tomcat directory by typing `cd /opt/tomcat` and then start Tomcat by typing the following: `bin/startup.sh`

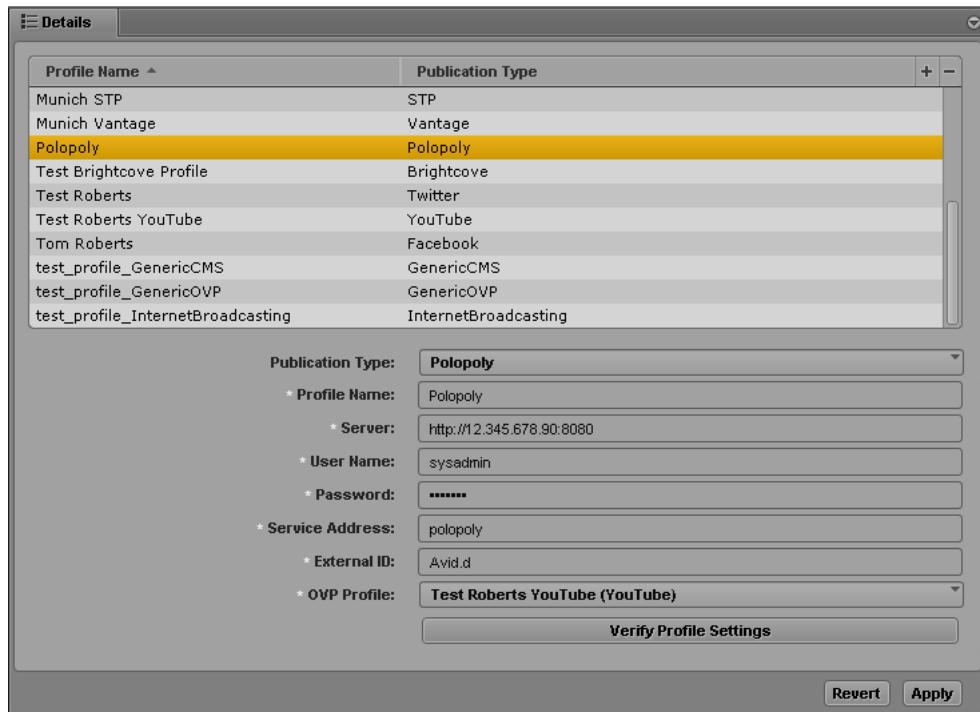
To configure MediaCentral UX for your Polopoly account:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.

The System Settings layout opens.

3. In the Settings pane select Media Distribute > Profiles.

The Settings pane displays the settings in that group.



4. Click the Publication Type menu and select Polopoly.

5. Click the + (plus) button in the Details section.

A Polopoly profile named “New Profile” is created in the Details section.

6. Specify the required settings for the following parameter fields:

- Profile Name (type a descriptive name for your profile)
- Server (the name of your Polopoly host — for example, http://localhost :80080)
- User Name (your Polopoly login name)
- Password (your Polopoly login password)
- Service Address (the address of the Polopoly REST service — for example, polopoly)
- External ID (from your Polopoly account settings)

7. Click OVP Profile and select one of the available profiles. OVP profiles are created when you configure your online video provider settings — for example, when you set up MediaCentral UX for your Vimeo or YouTube account. For more information, see “[Configuring a Vimeo Publication Account](#)” on page 73 or “[Configuring a YouTube v3 Publication Account](#)” on page 80.

8. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

9. Click **Apply** to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click **Revert** to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

Configuring a WorldNow Web CMS Profile

Before you can publish a package to the WorldNow platform from MediaCentral UX using Media Distribute, you must first have a WorldNow account and set up a WorldNow environment.

The following procedures assume you have already created the necessary WorldNow environment. Your WorldNow account provides you with the following information needed to complete your MediaCentral UX configuration:

- Account user name
- Account password
- Affiliate number
- Producer host
- Ingest FTP host
- Ingest FTP path
- Ingest FTP user name
- Ingest FTP password

The following notes apply to using WorldNow with MediaCentral UX:

- Once you have configured MediaCentral UX for your WorldNow CMS, the fields available to you in the Web Story pane change to reflect the options and metadata provided by WorldNow.
- You can create multiple WorldNow profiles in the System Settings layout, but you can only configure one Web CMS account at a time — for example, you can configure MediaCentral UX either for WorldNow or for Atex Polopoly, but not for both.
- You can set the default values for some options used when you publish to a WorldNow account so you do not have to set them in the Web Story pane each time you create a story. Some values display as automatically selected options and some control the size and placement of graphics when you attach images to your story. These options correspond to those available in your WorldNow CMS.

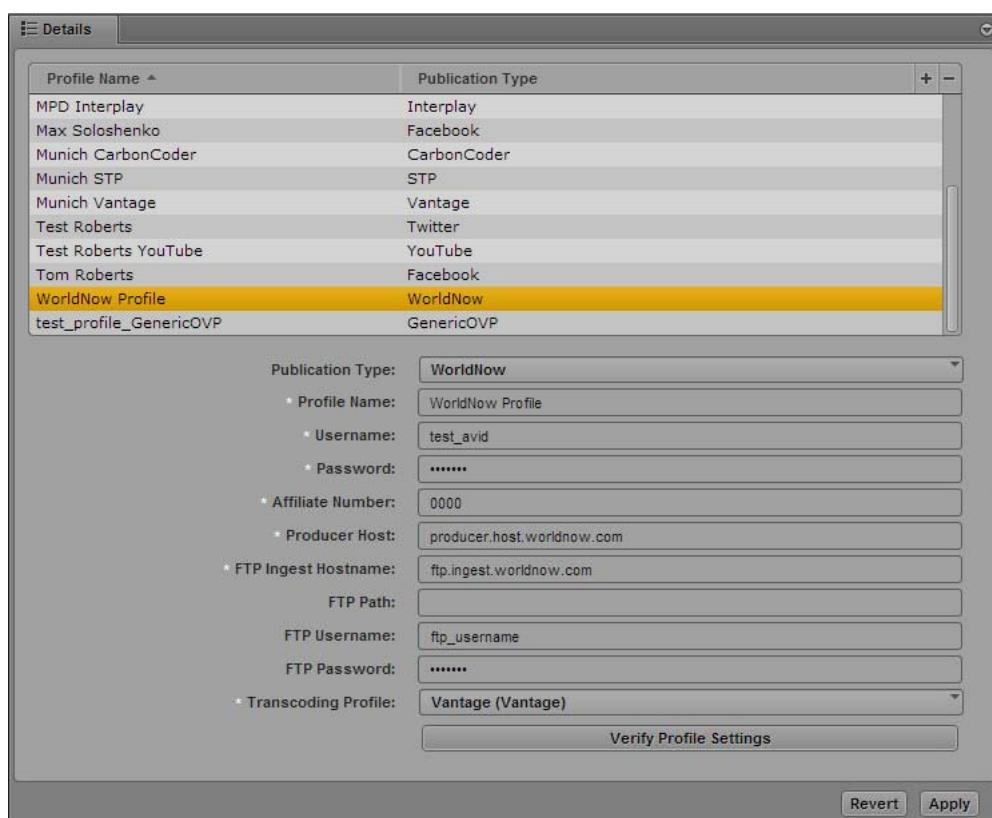
See your WorldNow documentation for more information, or see the WorldNow Web site at www.worldnow.com.



A limitation in the current version of Media Distribute might cause an SSLHandshakeException error to occur and prevent posting video to WorldNow. This is caused by a problem where the client and server cannot negotiate the desired level of security. To work around this problem, you can disable SSL validation for HTTPS connections.

To configure MediaCentral UX for your WorldNow account:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.
The System Settings layout opens.
3. In the Settings pane select Media Distribute > Profiles.
The Settings pane displays the settings in that group.



4. Click the Publication Type menu and select WorldNow.
5. Click the + (plus) button in the Details section.
A WorldNow profile named “New Profile” is created in the Details section.
6. Specify the required settings for the following parameter fields:
 - Profile Name (type a descriptive name for your profile)
 - Username (your WorldNow login name)
 - Password (your WorldNow login password)
 - Affiliate Number (from your WorldNow account information)
 - Producer Host (from your WorldNow account information)
 - FTP Ingest Hostname (from your WorldNow account information)
 - FTP Path (optional) — if your ingest FTP location is configured to use a directory other than the root folder, you can specify a different FTP directory or subdirectory. If the transcode in/out has not changed, you can leave this setting blank.

- FTP Username (from your WorldNow account information)
- FTP Password (from your WorldNow account information)

7. Click Transcoding Profile and select one of the available profiles.
8. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: "Profile configurations is valid." If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

9. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

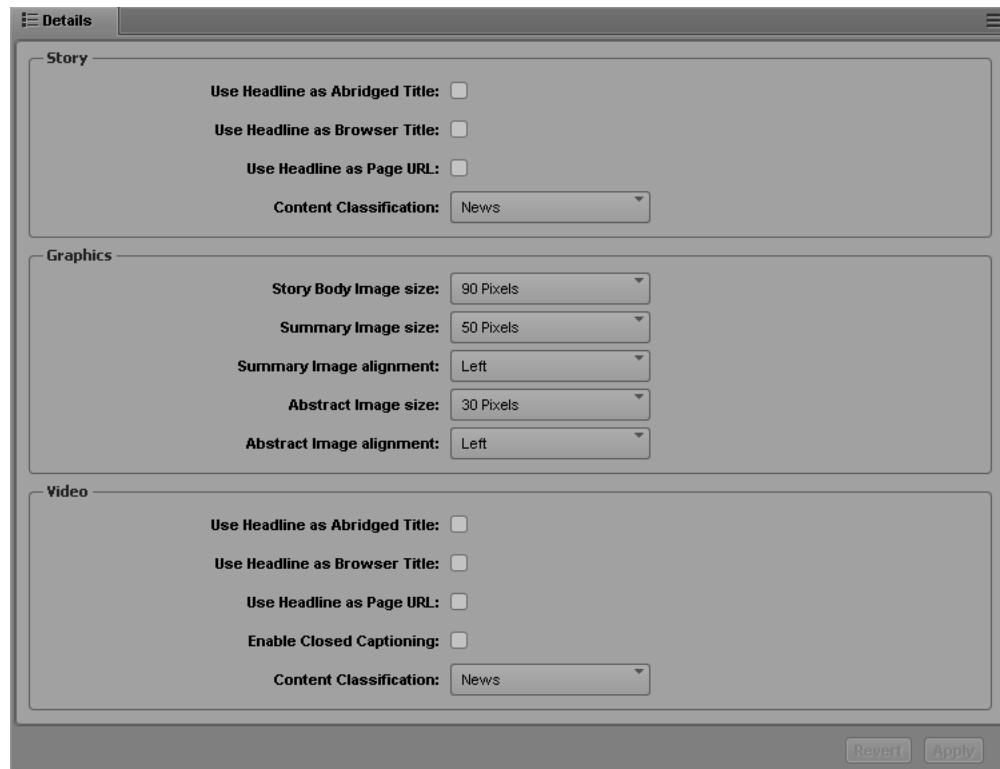
To set default values in MediaCentral UX for your WorldNow account:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.

The System Settings layout opens.

3. In the Settings pane select Media Distribute > WorldNow.

The Settings pane displays the WorldNow settings.



4. Select the WorldNow options that you want to use as default values in the Web Story pane.
 - Story options can be set to use your Story Headline in some additional areas for your Web story. You can also select a default classification for your story from the Content Classification menu.
 - Use Headline as Abridged Title
 - Use Headline as Browser Title
 - Use Headline as Page URL
 - Content Classification
 - Graphics options control the default size (in pixels) and alignment of images in your Web story.
 - Story Body Image Size
 - Summary Image Size
 - Summary Image Alignment
 - Abstract Image Size
 - Abstract Image Alignment
 - Video options can be set to use your Headline in some additional areas for your Web story. You can also enable closed captions for your story and select a default classification from the Content Classification menu.
 - Use Headline as Abridged Title
 - Use Headline as Browser Title
 - Use Headline as Page URL
 - Enable Closed Captioning
 - Content Classification
5. Click Apply to save the settings.

The WorldNow options display in the Details section with the new information.

If you are editing your WorldNow settings, click Revert to return to the original settings.

To disable SSL validation:

1. In a terminal window on the master cluster node, type the following to stop ServiceMix:


```
service avid-mpd stop
```
2. Navigate to the directory containing the Media Distribute database configuration file:


```
cd /etc/apache-servicemix
```
3. Using the Linux text editor, vi, open the avid-mpd-wrapper.conf file for editing:


```
vi avid-mpd-wrapper.conf
```
4. Locate the following line in the JVM Parameters section, and then edit the SSL validation to true:


```
# wrapper.java.additional.<NUMBER>=-Dmpd.ssl.trust.all=true
```

5. Press the Escape key to return to command mode, then type `:wq` and press Return to write and quit the text editor.
6. To restart the Media Distribute service, type the following command:
`service avid-mpd restart`

Configuring thePlatform Profile

Before you can publish a package to thePlatform® video CMS from MediaCentral UX using Media Distribute, you must first have an account for thePlatform and set up an administrative role.

The following procedures assume you have already created the necessary thePlatform environment. Your thePlatform account provides you with the following information needed to complete your MediaCentral UX configuration:

- Account user name
- Account password

Once you have configured MediaCentral UX for your thePlatform account, you can use the fields available to you in a separate thePlatform pane that reflect the options and metadata provided by thePlatform. You can also specify upload servers for your media package if these servers are part of your thePlatform configuration. Media Distribute uploads media directly to these servers when you publish your media package. If you configure an FTP ingest server instead, Media Distribute uploads your media to this server. If you do not configure either upload servers or an FTP server, Media Distribute automatically selects an appropriate upload server.

See your thePlatform documentation for more information, or see thePlatform Technical Resource Center at help.theplatform.com.

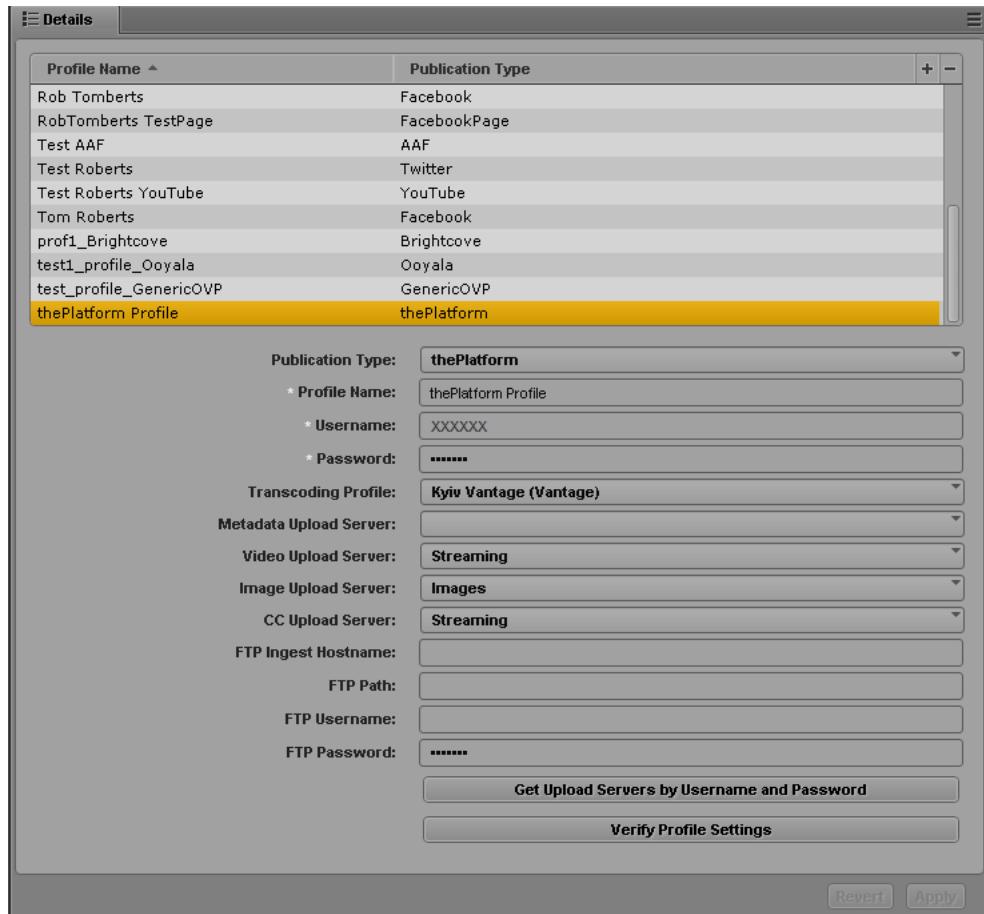
To configure MediaCentral UX for your thePlatform account:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.

The System Settings layout opens.

3. In the Settings pane select Media Distribute > Profiles.

The Settings pane displays the settings in that group.



4. Click the Publication Type menu and select thePlatform.

5. Click the + (plus) button in the Details section.

A new thePlatform profile named “New Profile” is created in the Details section.

6. Specify the required settings for the following parameter fields:

- Profile Name (type a descriptive name for your profile)
- Username (your thePlatform login name)
- Password (your thePlatform login password)

7. Click Transcoding Profile and select one of the available profiles.

8. (Optional) If your thePlatform configuration specifies upload servers, do the following:

- a. Click Get Upload Servers by Username and Password.

The upload servers for your thePlatform account are retrieved.

- b. Click the Upload Server options used in your thePlatform profile and select the appropriate server for the following options:

- Metadata Upload Server
- Video Upload Server

- Image Upload Server
- CC [Closed Captioning] Upload Server



If you use an FTP ingest server, do not specify upload servers.

9. If you use an FTP ingest server for publishing to thePlatform, type the hostname of the FTP ingest server and the path to the FTP server.
10. If applicable, type the FTP user name and the FTP password.
11. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

12. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

Configuring a WordPress CMS Profile

Before you can publish a package to the WordPress® platform from MediaCentral UX using Media Distribute, you must first set up your WordPress CMS and have a WordPress administrative account.

The following procedures assume you have already created the necessary WordPress CMS environment. Your WordPress installation provides you with the following information needed to complete your MediaCentral UX configuration:

- Blog ID — Media Distribute uses a default blog ID of “1.” If your WordPress configuration uses multiple blog sites, you might need to assign a different blog ID.
- Administrator account user name
- Administrator account password
- Your WordPress host’s API URL — The default XML-RPC API is “http://your_WordPress_IP/xmlrpc.php. You can disable or reconfigure this URL if needed.

WordPress allows you to configure your site in many ways and the default Media Distribute settings might not be appropriate for your corporate needs. See your WordPress administrator or the WordPress documentation for more information on customizing your account details, or see the WordPress Web site at wordpress.org.

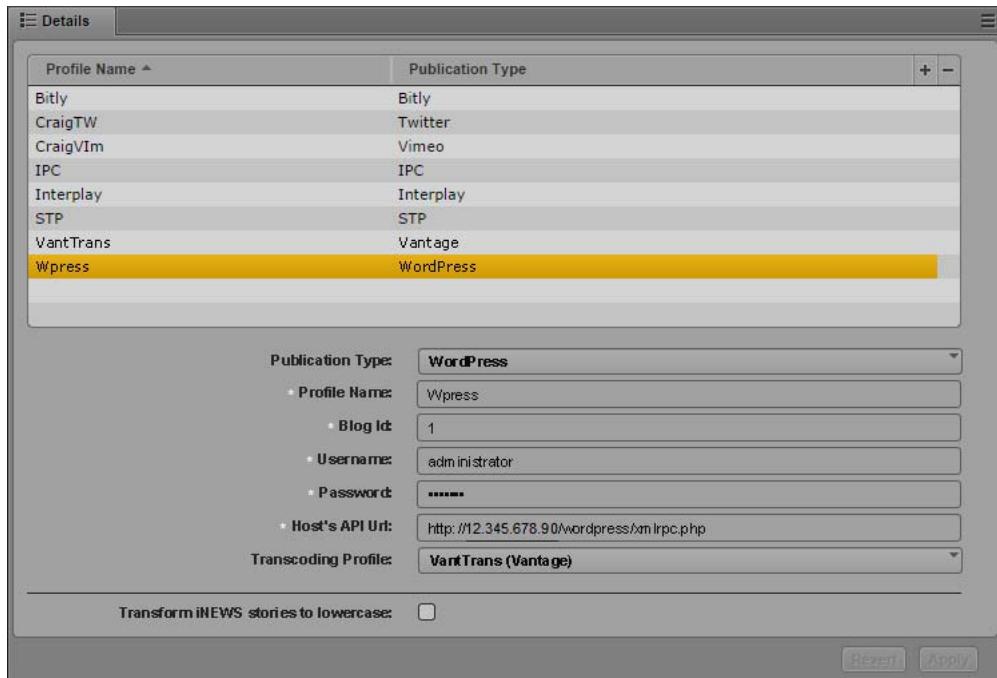
To configure MediaCentral UX for your WordPress account:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.

The System Settings layout opens.

3. In the Settings pane select Media Distribute > Profiles.

The Settings pane displays the settings in that group.



4. Click the Publication Type menu and select WordPress.

5. Click the + (plus) button in the Details section.

A WordPress profile named “New Profile” is created in the Details section.

6. Specify the required settings for the following parameter fields:

- Profile Name (type a descriptive name for your profile)
- Blog ID (from your WordPress configuration information — the default blog ID is “1”)
- Username (your WordPress administrator login name)
- Password (your WordPress administrator login password)
- Host’s API URL (from your WordPress configuration information — usually this is your WordPress URL followed by /xmlrpc.php)

7. Click Transcoding Profile and select one of the available profiles.

8. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

9. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

Configuring an Amazon S3 Profile

Before you can publish video and graphics assets to your Amazon Simple Storage Service (Amazon S3) account from MediaCentral UX using Media Distribute, you must first have an Amazon Web Services (AWS) account.

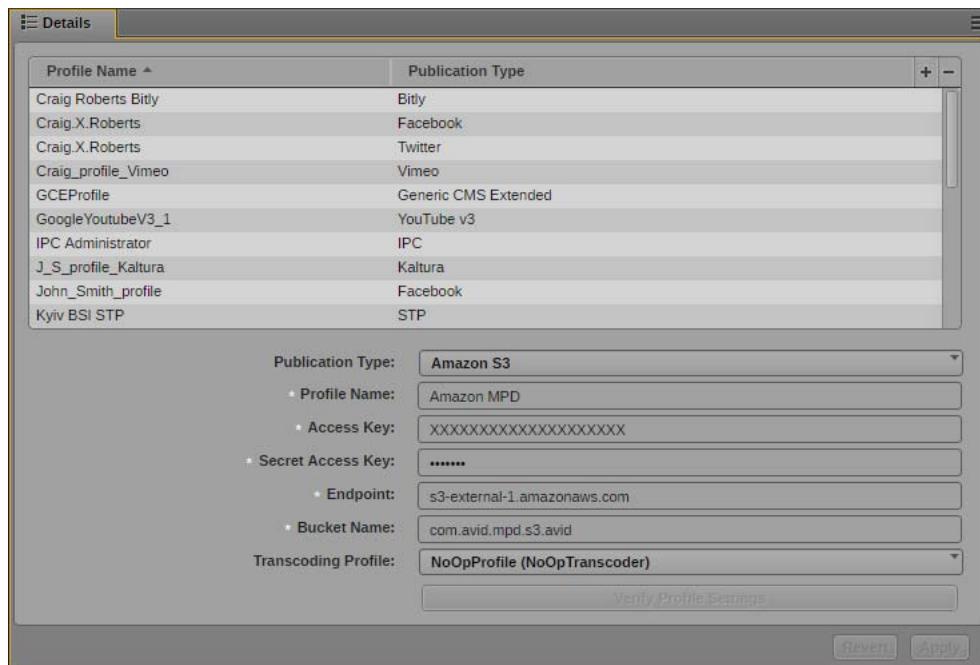
The following procedures assume you have already created the necessary AWS account and obtained the necessary access keys. Your AWS account provides you with the following information needed to complete your MediaCentral UX configuration:

- Access key (created using the AWS Management Console)
- Secret access key (created using the AWS Management Console — Avid recommends that you make a copy of this key when you create your access key, since it is not available in your AWS account after you create your key)
- Endpoint (a regional URL that acts as the entry point for your Web service and created using AWS)
- Bucket name (a location that holds the content for your Amazon S3 account)

For more information on AWS configuration and customizations, see the AWS documentation at <https://aws.amazon.com/documentation/s3/>.

To configure MediaCentral UX for your Amazon S3 account:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.
The System Settings layout opens.
3. In the Settings pane select Media Distribute > Profiles.
The Settings pane displays the settings in that group.



4. Click the Publication Type menu and select Amazon S3.

5. Click the + (plus) button in the Details section.

An Amazon S3 profile named “New Profile” is created in the Details section.

6. Specify the required settings for the following parameter fields:

- Profile Name (type a descriptive name for your profile)
- Access Key (from your AWS account information, stored in the security credentials section of your account)
- Secret Access Key (from your AWS account information; the secret access key is displayed only when you create your access key, so you should make a copy of it before you finish the access key creation procedure)
- Endpoint (a regional endpoint created when you configure your AWS account — for example, to use the Amazon S3 endpoints, you can specify “s3-external-1.amazonaws.com” for the eastern United States)
- Bucket Name (the name you create for your bucket; see the AWS documentation for valid and invalid bucket names)

7. Click Transcoding Profile and select one of the available Interplay MAM profiles. If you select a different transcoding profile, you can only use Interplay Production assets.

8. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

Configuring a Generic CMS Profile

The Generic CMS profile allows you to integrate a third-party, unsupported CMS with Media Distribute. Depending on how you configure your Generic CMS profile, you can deliver media files to your FTP location using one of two methods:

- If you select Archive in the settings, the profile creates a compressed (ZIP) file containing an XML file with profile information and metadata, as well as an image file (PNG) and a video file (MP4) if images and video are included in the media package. Media Distribute then delivers the file to your FTP location.



You must select a transcoding profile in order to create the MP4 video file. If you want to deliver your video as an MXF file, select the NoOpTranscoder profile.

- If you want to deliver images and video to separate FTP locations, you can specify settings to send images and video to different servers or to different folders on your FTP server. An XML file also is delivered to the principal FTP host indicated in the profile settings. If you do not specify separate image and video FTP locations, all files are delivered to the principal FTP location.



If you load an image from the Media pane, the profile retrieves image and video metadata and stores it with the image. You can view the metadata in the Metadata pane. If you load an image from a local disk, only basic metadata is included with the information sent to your FTP site.

You need to develop a proxy target that can receive the files from the FTP location listed in the profile and then deliver them to a CMS using proper API.

The Generic CMS profile should be used only by Avid personnel. See your Avid professional services representative for more information.

To configure MediaCentral UX for a Generic CMS profile:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.
The System Settings layout opens.
3. In the Settings pane select Media Distribute > Profiles.

The Settings pane displays the settings in that group.

The screenshot shows the MediaCentral UX interface. The top navigation bar has 'Details' selected. Below it is a table of existing profiles:

Profile Name	Publication Type
Craig Roberts Bitly	Bitly
Craig_Roberts	Twitter
Craig_profile_Vimeo	Vimeo
FB_With_Transcode	Facebook
IPC Administrator	IPC
I_S_profile_Kaltura	Kaltura
Kyiv BSI STP	STP
Kyiv Vantage	Vantage
MPD Interplay	Interplay
Munich CarbonCoder	CarbonCoder

The main pane below the table is titled 'Publication Type: GenericCMS'. It contains the following fields:

- Profile Name: (input field)
- Provider ID: (input field)
- FTP Hostname: (input field)
- FTP Path: (input field)
- FTP Username: (input field)
- FTP Password: (input field)
- Transcoding Profile: (input field)
- OVP Profile: (input field)
- Archive: (checkbox)
- Image FTP Host: (input field)
- Image FTP Path: (input field)
- Image FTP Login: (input field)
- Image FTP Password: (input field)
- Video FTP Host: (input field)
- Video FTP Path: (input field)
- Video FTP Login: (input field)
- Video FTP Password: (input field)

At the bottom of the configuration pane are 'Verify Profile Settings', 'Revert', and 'Apply' buttons.

4. Click the Publication Type menu and select GenericCMS.

5. Click the + (plus) button in the Details section.

A Generic CMS profile named “New Profile” is created in the Details section.

6. Specify the required settings, using the configuration on your CMS and FTP configuration:
 - Profile Name (type a descriptive name for your profile)
 - Provider ID (The provider ID identifies your CMS and is included in the XML file created by the profile. If your CMS does not require a specific provider ID, you can type any name in this field.)
 - FTP Hostname (your CMS server hostname)
 - FTP Path (for incoming files, from your video host transcoding configuration)
 - FTP Username (from your video host transcoding configuration)
 - FTP Password (from your video host transcoding configuration)
7. (Optional) Click Transcoding Profile and select one of the available profiles. Transcoding profiles are created when you configure your transcoding host — for example, when you set up MediaCentral UX for the Telestream Vantage video transcoder. For more information, see [“Configuring the Transcode Route” on page 30](#). You can also select the NoOpTranscoder profile, which delivers the video as an MXF file instead of converting it to MP4 format.
8. (Optional) Click OVP Profile and select one of the available profiles. OVP profiles are created when you configure your online video provider settings — for example, when you set up MediaCentral UX for your Vimeo or YouTube account. For more information, see [“Configuring a Vimeo Publication Account” on page 73](#) or [“Configuring a YouTube v3 Publication Account” on page 80](#).
9. Do one of the following:
 - If you want to send image and video metadata to the FTP host in a single compressed ZIP file, select Archive.

Details

Profile Name	Publication Type
Facebook_r	Facebook
Geric-r	GenericCMS
Interplay	Interplay
New F with Trans	Facebook
New Profile	IPC
New Profile 1_FK	Vantage
New Profile 2 w/o Trans	Facebook
New Profile 3	Brightcove
STP	STP
Twitter_r	Twitter

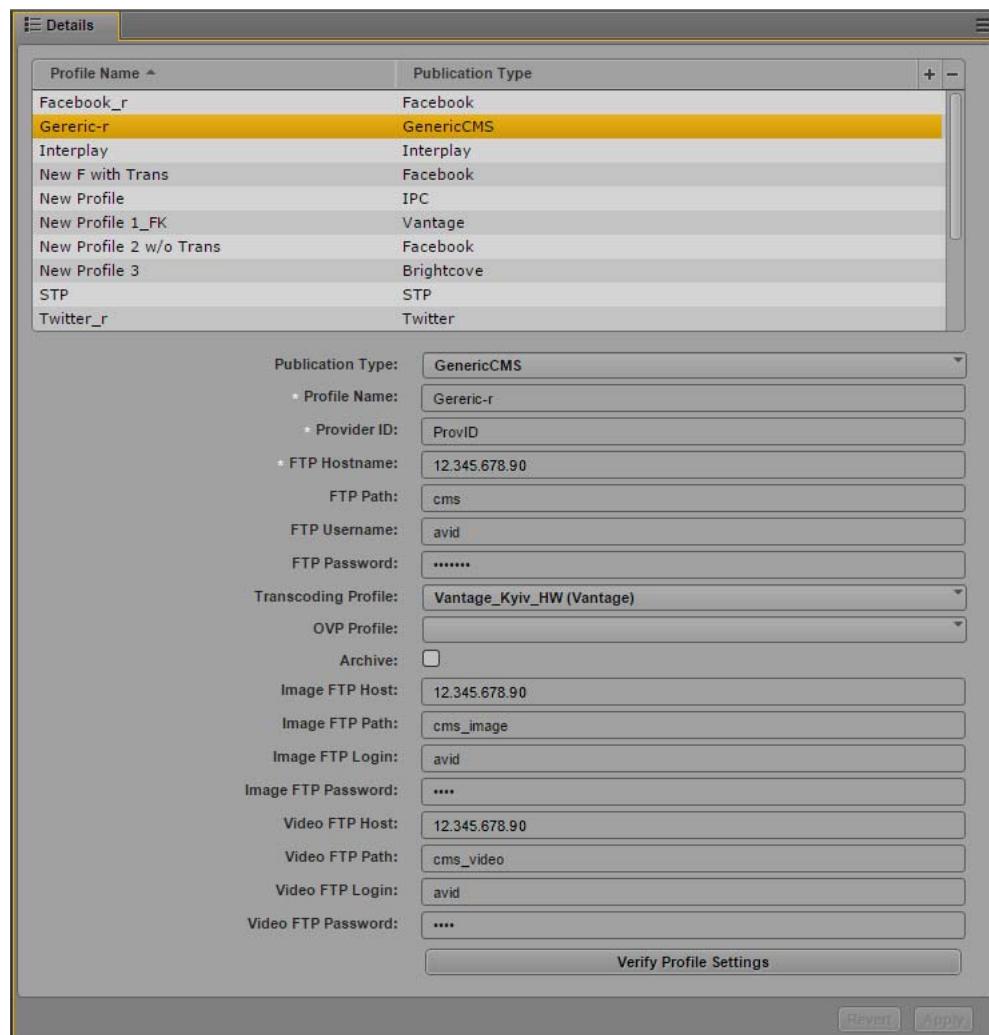
Publication Type: **GenericCMS**

• Profile Name: **Geric-r**
 • Provider ID: **ProvID**
 • FTP Hostname: **172.22.206.84**
 FTP Path: **cms**
 FTP Username: **avid**
 FTP Password: **.....**
 Transcoding Profile: **Vantage_Kyiv_HW (Vantage)**
 OVP Profile:
 Archive:

Verify Profile Settings

Revert **Apply**

- ▶ If you want to deliver the image and video, along with the image and video metadata, to separate FTP sites, specify the following optional settings:
 - Image FTP Host (the FTP server hostname for delivery of image files and metadata)
 - Image FTP Path (the path on your FTP server that you want to use for delivery of image files and metadata)
 - Image FTP Login (the account name used to log in to your FTP server)
 - Image FTP Password (the password for your FTP server account)
 - Video FTP Host (the FTP server hostname for delivery of video files and metadata)
 - Video FTP Path (the path on your FTP server that you want to use for delivery of video files and metadata)
 - Video FTP Login (the account name used to log in to your FTP server)
 - Video FTP Password (the password for your FTP server account)



10. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

11. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

Configuring a Generic CMS Extended Profile

The Generic CMS Extended profile allows you to integrate a third-party, unsupported CMS with Media Distribute, and it allows you to use the Generic CMS Extended pane to publish your media packages. Depending on how you configure your Generic CMS Extended profile, you can deliver media files to your FTP location using one of two methods:

- If you select Archive in the settings, the profile creates a compressed (ZIP) file containing an XML file with profile information and metadata, as well as an image file (PNG) and a video file (MP4) if images and video are included in the media package. Media Distribute then delivers the file to your FTP location.



You must select a transcoding profile in order to create the MP4 video file. If you want to deliver your video as an MXF file, select the NoOpTranscoder profile.

- If you want to deliver images and video to separate FTP locations, you can specify settings to send images and video to different servers or to different folders on your FTP server. An XML file also is delivered to the principal FTP host indicated in the profile settings. If you do not specify separate image and video FTP locations, all files are delivered to the principal FTP location.

If you load an image or video from the Media pane, the profile retrieves image and video metadata and stores it with the story. Some of the Interplay Production metadata fields are filled automatically and display in the story form. You can view the full set of metadata in the Metadata pane, and you can use the Reload Metadata button in the Generic CMS Extended pane to re-load the metadata to the fields. If you load an image from a local disk, only basic metadata is included with the information sent to your FTP site.

You also have the option of customizing the categories that display in the Generic XML Extended pane by including an XSL file that can implement transforms on existing metadata. For more information, see [“Sample XSL for the Generic CMS Extended Profile” on page 145](#).

You need to develop a proxy target that can receive the files from the FTP location listed in the profile and then deliver them to a CMS using the proper API.

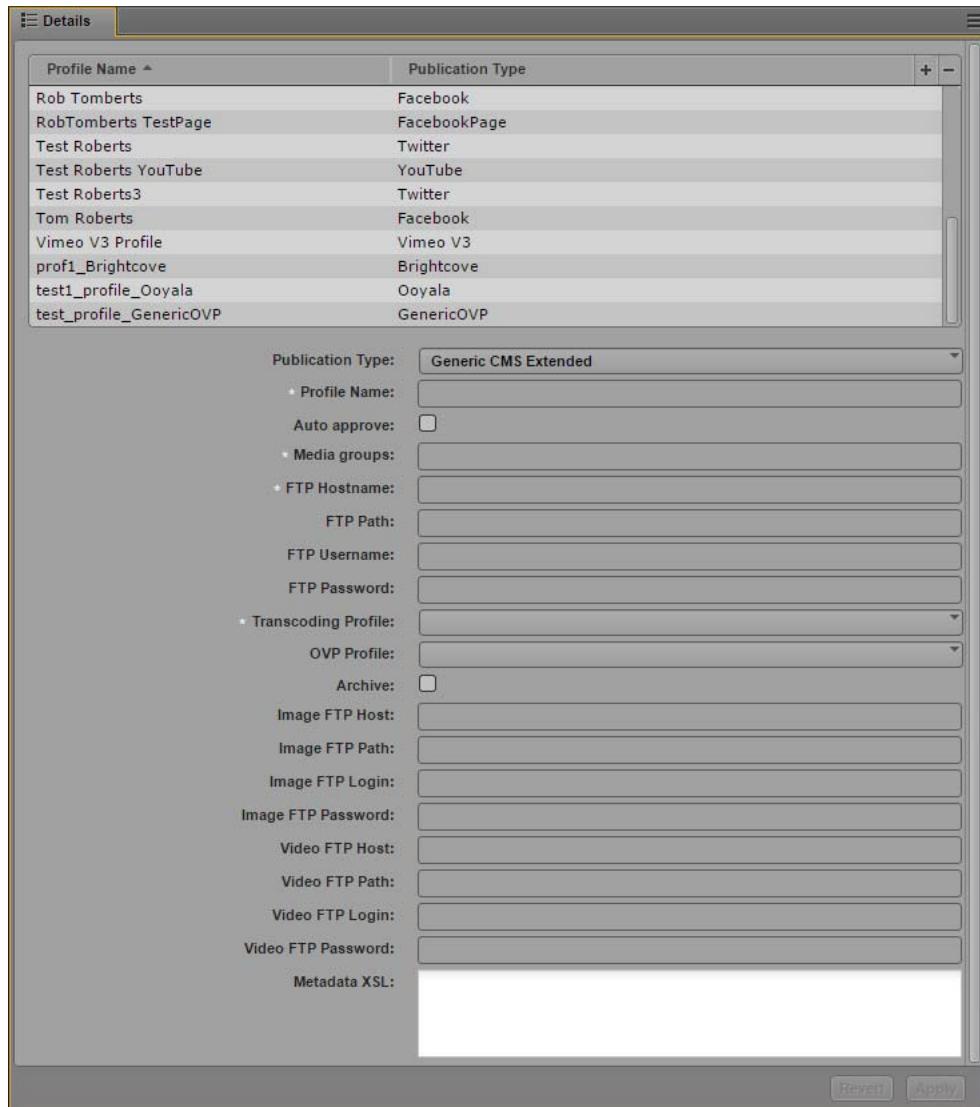
To configure MediaCentral UX for a Generic CMS Extended profile:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.

The System Settings layout opens.

3. In the Settings pane select Media Distribute > Profiles.

The Settings pane displays the settings in that group.



4. Click the Publication Type menu and select Generic CMS Extended.
5. Click the + (plus) button in the Details section.

A Generic CMS Extended profile named “New Profile” is created in the Details section.

6. Specify the required settings, using the configuration on your CMS and FTP configuration:

- Profile Name (type a descriptive name for your profile)
- Auto approve (select this option if you want the publishing process to start as soon as the package is saved; do not select the option if you want the package to be approved first by an authorized user.)
- Media Groups (You can use this field for a user-defined property by typing a text string with each value separated by a semicolon. In the story form, the Media Groups menu contains a list with all of the properties. You can select a value from the menu in the story form and the selected entry is exported with the XML file.)

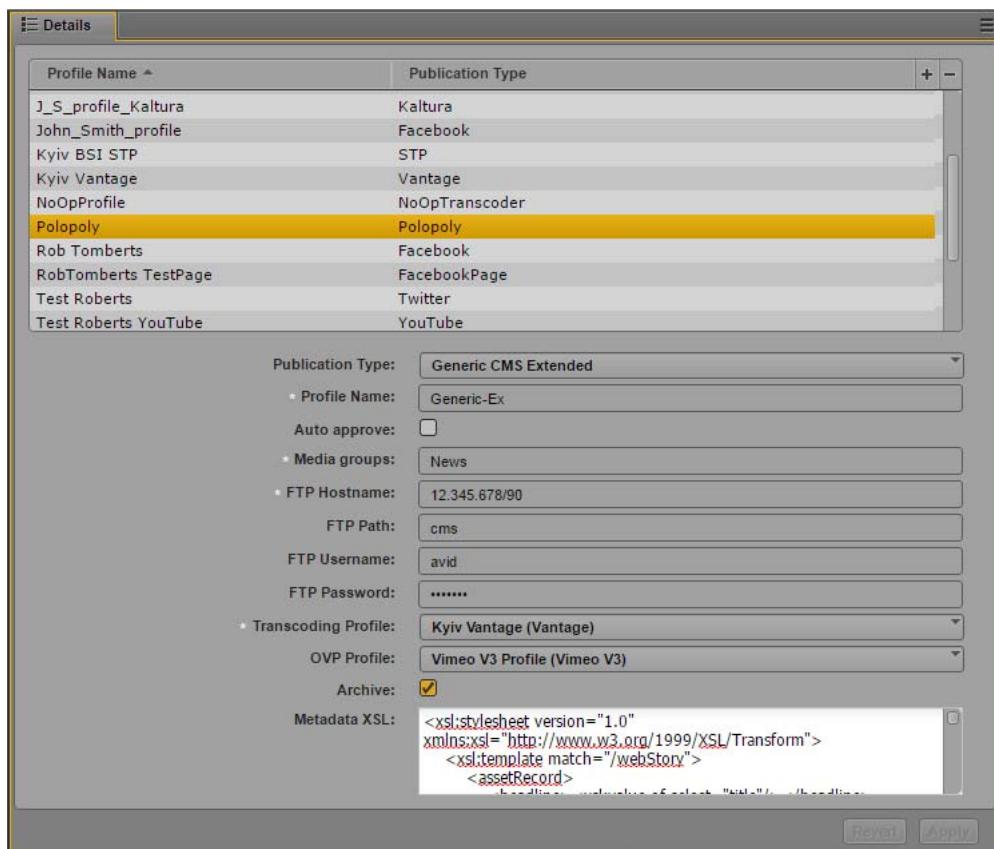
- FTP Hostname (your FTP server hostname)
- FTP Path (for incoming files, from your video host transcoding configuration)
- FTP Username (from your video host transcoding configuration)
- FTP Password (from your video host transcoding configuration)

7. Click Transcoding Profile and select one of the available profiles. Transcoding profiles are created when you configure your transcoding host — for example, when you set up MediaCentral UX for the Telestream Vantage video transcoder. For more information, see [“Configuring the Transcode Route” on page 30](#). You can also select the NoOpTranscoder profile, which delivers the video as an MXF file instead of converting it to MP4 format.

8. (Optional) Click OVP Profile and select one of the available profiles. OVP profiles are created when you configure your online video provider settings — for example, when you set up MediaCentral UX for your Vimeo or YouTube account. For more information, see [“Configuring a Vimeo Publication Account” on page 73](#) or [“Configuring a YouTube v3 Publication Account” on page 80](#).

9. Do one of the following:

- If you want to send image and video metadata to the FTP host in a single compressed ZIP file, select Archive.



- ▶ If you want to deliver the image and video, along with the image and video metadata, to separate FTP sites, specify the following optional settings:
 - Image FTP Host (the FTP server hostname for delivery of image files and metadata)
 - Image FTP Path (the path on your FTP server that you want to use for delivery of image files and metadata)
 - Image FTP Login (the account name used to log in to your FTP server)
 - Image FTP Password (the password for your FTP server account)
 - Video FTP Host (the FTP server hostname for delivery of video files and metadata)
 - Video FTP Path (the path on your FTP server that you want to use for delivery of video files and metadata)
 - Video FTP Login (the account name used to log in to your FTP server)
 - Video FTP Password (the password for your FTP server account)

Profile Name	Publication Type
J_S_profile_Kaltura	Kaltura
John_Smith_profile	Facebook
Kyiv BSI STP	STP
Kyiv Vantage	Vantage
NoOpProfile	NoOpTranscoder
Polopoly	Polopoly
Rob Tombergs	Facebook
RobTombergs TestPage	FacebookPage
Test Roberts	Twitter
Test Roberts YouTube	YouTube

Publication Type: **Generic CMS Extended**

Profile Name: **Generic-Ex**

Auto approve:

Media groups: **News**

FTP Hostname: **12.345.678/90**

FTP Path: **cms**

FTP Username: **avid**

FTP Password: **.....**

Transcoding Profile: **Kyiv Vantage (Vantage)**

OVP Profile: **.....**

Archive:

Image FTP Host: **123.45.678.90**

Image FTP Path: **cms_image**

Image FTP Login: **avid**

Image FTP Password: **.....**

Video FTP Host: **123.45.678.90**

Video FTP Path: **cms_video**

Video FTP Login: **avid**

Video FTP Password: **.....**

Metadata XSL:

```

<xsl:stylesheet version="1.0"
  xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
  <xsl:template match="webStory">
    <assetRecord>
      <!-- Additional XSL logic here -->
    </assetRecord>
  </xsl:template>
</xsl:stylesheet>

```

Revert **Apply**

10. Metadata XSL (Type or copy and paste the content of a metadata XSL file into the text box to allow for metadata transformation and mapping of the attributes. The metadata is exported in the XML file, according to the naming conventions for your CMS.)
11. Click **Apply** to save the profile.

The profile displays in the Details section with the new information.

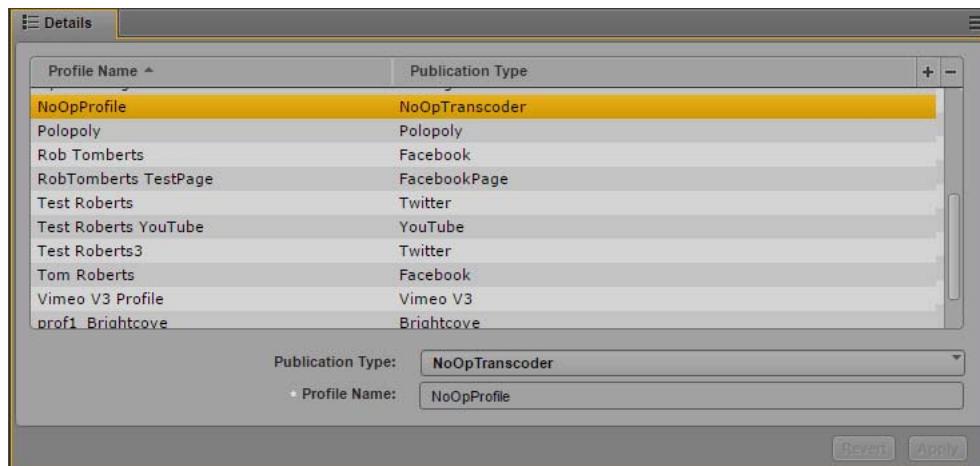
If you are editing a profile, click **Revert** to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

Configuring a NoOpTranscoder Profile

The NoOpTranscoder profile allows you to deliver video packages without first converting the video to an MP4 file. This allows you to bypass the transcoding process and to upload MXF files directly to an online video provider that supports MXF video — for example, YouTube. Using MXF video instead of MP4 video can improve the video image quality.

To configure MediaCentral UX for publishing MXF video:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.
The System Settings layout opens.
3. In the Settings pane select **Media Distribute > Profiles**.
The Settings pane displays the settings in that group.



4. Click the Publication Type menu and select **NoOpTranscoder**.
5. Click the + (plus) button in the Details section.
A NoOpTranscoder profile named “New Profile” is created in the Details section.
6. Specify a Profile Name (a descriptive name for your profile).
7. Click **Apply** to save the profile.
The profile displays in the Details section with the new information.

If you are editing a profile, click **Revert** to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

Configuring a Generic OVP Profile

The Generic OVP profile allows you to post to a third-party, unsupported online video provider (OVP) using Media Distribute. If you select an OVP profile and a transcode profile, Media Distribute transcodes your media to the MP4 format and publishes the media to the specified OVP site. The MP4 media file is contained in a compressed (ZIP) file which also contains an XML file with a link to the uploaded video. You can select both options to send your media to both an FTP and an OVP location.

The Generic OVP profile should be used only by Avid personnel. See your Avid professional services representative for more information.

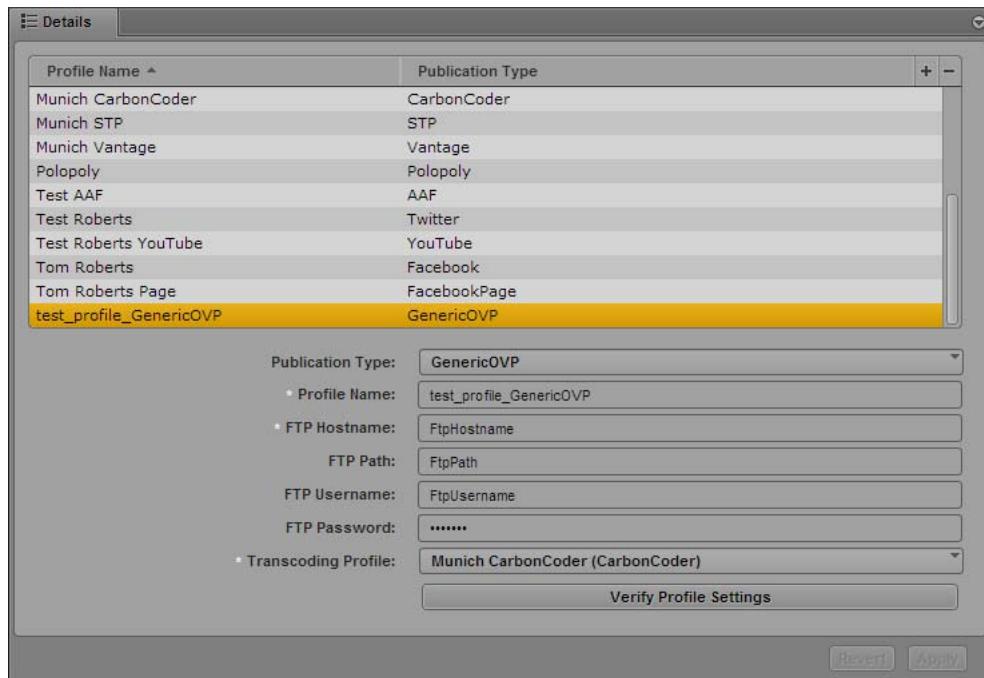
To configure MediaCentral UX for a Generic OVP profile:

1. Sign in to MediaCentral UX as an administrator.
2. Select System Settings from the Layout selector.

The System Settings layout opens.

3. In the Settings pane select Media Distribute > Profiles.

The Settings pane displays the settings in that group.



4. Click the Publication Type menu and select GenericOVP.
5. Click the + (plus) button in the Details section.

A Generic OVP profile named “New Profile” is created in the Details section.

6. Specify the required settings, using the configuration on your FTP configuration:

- Profile Name (type a descriptive name for your profile)
- FTP Hostname (your FTP server hostname)
- FTP Path (for incoming files, from your video host transcoding configuration)

- FTP Username (from your video host transcoding configuration)
- FTP Password (from your video host transcoding configuration)

7. Click Transcoding Profile and select one of the available profiles.
8. Click Verify Profile Settings to validate the profile settings.
9. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

4 Configuring User Profiles for Media | Distribute

Once your MediaCentral UX administrator had configured your system profiles, you can set up your user profiles to include your personal accounts for services such as Twitter and Facebook. User roles allow you to publish your packages automatically and without the requirement of review and approval.

User profiles are visible only to the user logged in to MediaCentral UX. You cannot see other users' profiles.

For examples of creating user profiles, see the following topics:

- “Configuring a User Profile for an Amazon S3 Account” on page 114
- “Configuring a User Profile for an E-Mail Account” on page 116
- “Configuring a User Profile for a Personal Facebook Account” on page 118
- “Configuring a User Profile for a Personal Facebook Page Account” on page 120
- “Configuring a User Profile for a Personal Flickr Account” on page 121
- “Configuring a User Profile for a Personal Twitter Account” on page 125
- “Configuring a User Profile for a Personal Vimeo V3 Account” on page 126
- “Configuring a User Profile for a Personal YouTube v3 Account” on page 128

Configuring a User Profile for an Amazon S3 Account

Before you can publish video and graphics assets to your Amazon Simple Storage Service (Amazon S3) account from MediaCentral UX using Media Distribute, you must first have an Amazon Web Services (AWS) account.

The following procedures assume you have already created the necessary AWS account and obtained the necessary access keys. Your AWS account provides you with the following information needed to complete your MediaCentral UX configuration:

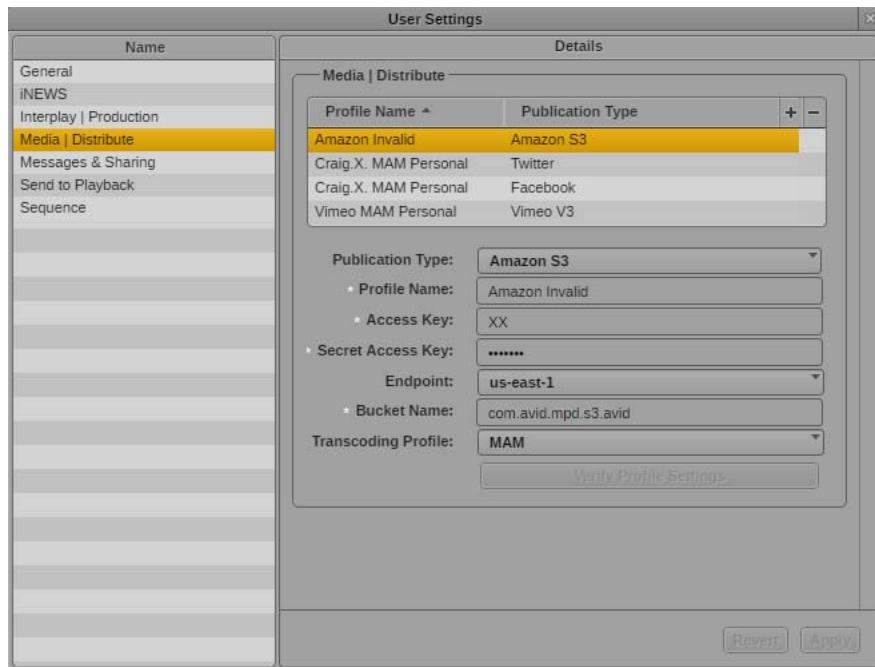
- Access key (created using the AWS Management Console)
- Secret access key (created using the AWS Management Console — Avid recommends that you make a copy of this key when you create your access key, since it is not available in your AWS account after you create your key)
- Endpoint (a regional URL that acts as the entry point for your Web service and created using AWS)
- Bucket name (a location that holds the content for your Amazon S3 account)

For more information on AWS configuration and customizations, see the AWS documentation at <https://aws.amazon.com/documentation/s3/>.

To configure MediaCentral UX for your Amazon S3 account:

1. Sign in to MediaCentral UX.
2. Select Home > User Settings.

The User Settings dialog box opens.



3. In the Name pane, select Media Distribute.
4. Click the Publication Type menu and select Amazon S3.
5. Click the + (plus) button in the Details section.

An Amazon S3 profile named “New Profile” is created in the Details section.

6. Specify the required settings for the following parameter fields:
 - Profile Name (type a descriptive name for your profile)
 - Access Key (from your AWS account information, stored in the security credentials section of your account)
 - Secret Access Key (from your AWS account information; the secret access key is displayed only when you create your access key, so you should make a copy of it before you finish the access key creation procedure)
 - Endpoint (a regional endpoint created when you configure your AWS account — for example, to use the Amazon S3 endpoints, you can specify “s3-external-1.amazonaws.com” for the eastern United States)
 - Bucket Name (the name you create for your bucket; see the AWS documentation for valid and invalid bucket names)
7. Click Transcoding Profile and select one of the available Interplay MAM profiles. If you select a different transcoding profile, you can only use Interplay Production assets.

8. Click **Apply** to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click **Revert** to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

Configuring a User Profile for an E-Mail Account

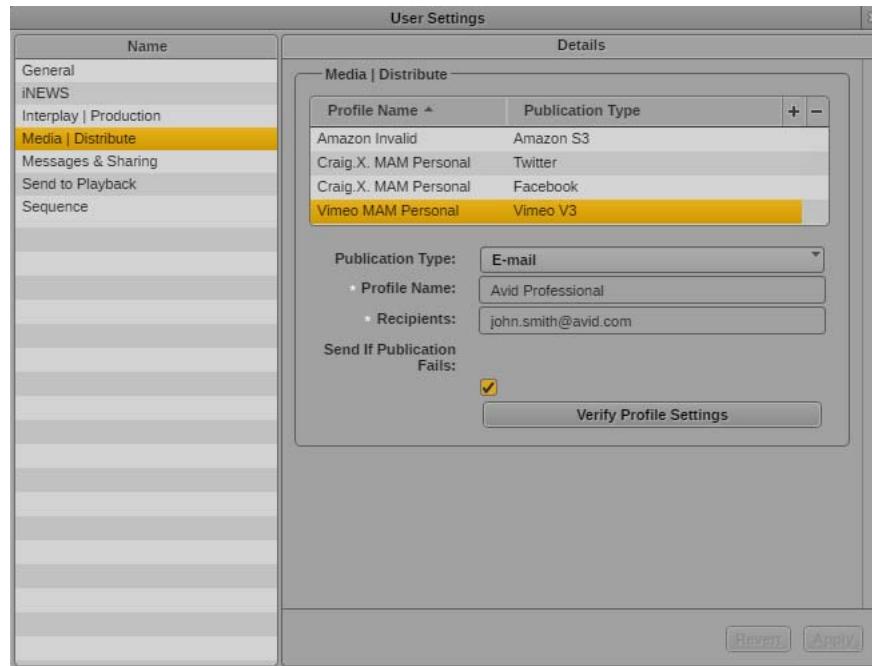
If you use the Distribution pane to publish media packages, you can configure an e-mail profile to send e-mail notifications to one or more users when a package is published. The e-mail profile uses the e-mail information configured for MediaCentral UX in the Messages & Sharing panel of the System Settings to send the e-mail.

For information on using the Distribution pane, see “Publishing MediaCentral Assets with the Distribution Pane” in the *Media / Distribute User’s Guide*. For information about configuring e-mail settings in MediaCentral UX, see “Configuring E-Mail Forwarding” in the *Avid MediaCentral / UX Administration Guide*.

To configure e-mail notifications:

1. Sign in to MediaCentral UX.
2. Select Home > User Settings.

The User Settings dialog box opens.



3. In the Name pane, select Media Distribute.
4. Click the Publication Type menu and select E-mail.
5. Click the + (plus) button in the Details section.

An E-mail profile named “New Profile” is created in the Details section.

6. Specify the required settings:
 - Profile Name: Type a descriptive name for your profile)
 - Recipients: Type the e-mail address of any user you want to receive notifications. Multiple e-mail addresses must be separated by a semicolon (;).
7. Select Send If Publication Fails if you want to receive e-mail notifications when publication fails to complete.
8. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

9. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

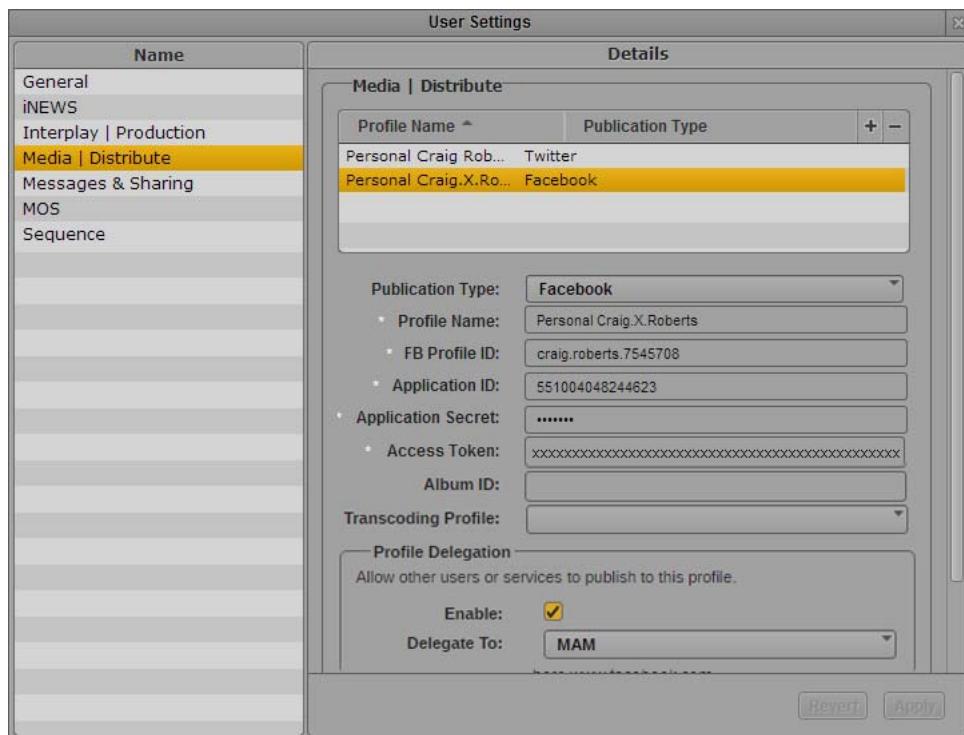
Configuring a User Profile for a Personal Facebook Account

The following procedures assume you have created a Facebook account at <https://www.facebook.com>. User roles allow you to publish your packages automatically and without the requirement of review and approval.

To set up a user profile for Facebook:

1. Sign in to MediaCentral UX.
2. Select Home > User Settings.

The User Settings dialog box opens.



3. In the Name pane, select Media Distribute.
4. Click the Publication Type menu and select Facebook.
5. Click the + (plus) button in the Details section.

A Facebook profile named “New Profile” is created in the Details section.

6. Specify the required settings, using the parameter fields from your Facebook Apps Web page or from your Facebook profile in the MediaCentral UX System Settings layout (see “[Configuring a Facebook Publication Account](#)” on page 60).
 - Profile Name (type a descriptive name for your profile)
 - FB Profile ID
 - Application ID
 - Application Secret

- Application Secret
- Access Token
- (Optional) Album ID

 You can specify the name of a Facebook album if you want to publish images directly to an album that you have created for your Facebook account.

- (Optional) Transcoding Profile

 You cannot publish video directly to Facebook unless you specify a transcoding profile.

7. (Optional) If you want to use a delegated publishing process, select Enable in the Profile Delegation section and then click the Delegate To menu, and then select a user or service to publish to your profile. For more information, see “[Delegated Publishing](#)” on page 131.
8. (Optional) Click Get Expiration Date.

Media Distribute checks the expiration date of your access token and updates the entry in the Expiration Date field. This shows you how much time is left on your Facebook access token.

9. (Optional) Click Get Long-Term Token.

Media Distribute converts your access token, which often remains valid for a couple of hours, to a long-lived token. For more information on short-lived and long-lived tokens and their expiration periods, see your Facebook developer documentation.

10. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

11. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

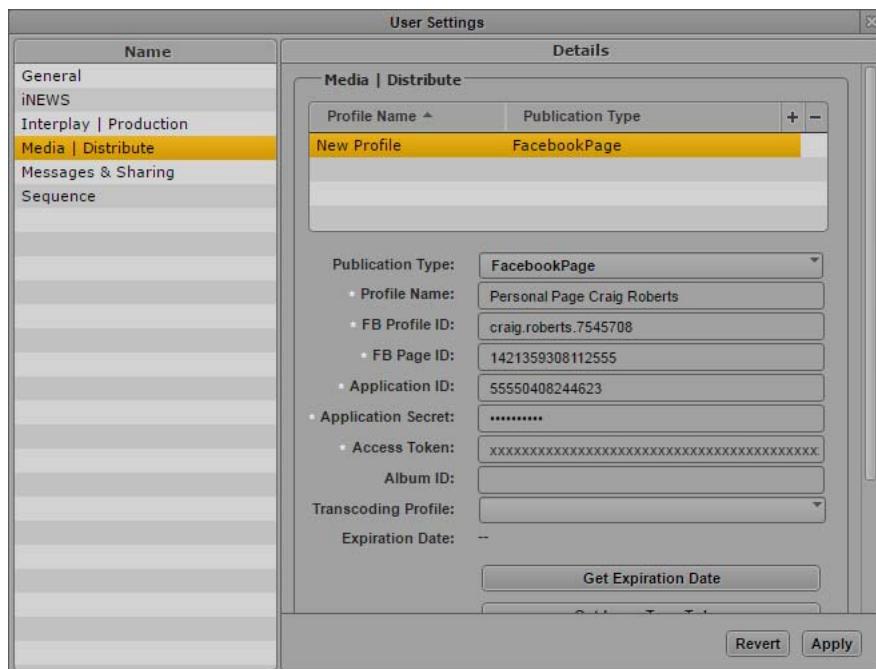
Configuring a User Profile for a Personal Facebook Page Account

The following procedures assume you have created a Facebook account at <https://www.facebook.com>. User roles allow you to publish your packages automatically and without the requirement of review and approval.

To set up a user profile for Facebook page:

1. Sign in to MediaCentral UX.
2. Select Home > User Settings.

The User Settings dialog box opens.



3. In the Name pane, select Media Distribute.
4. Click the Publication Type menu and select FacebookPage.
5. Click the + (plus) button in the Details section.

A Facebook page profile named “New Profile” is created in the Details section.

6. Specify the required settings, using the parameter fields from your Facebook Apps Web page or from your Facebook profile in the MediaCentral UX System Settings layout (see “[Configuring a Facebook Page Publication Account](#)” on page 68).
 - Profile Name (type a descriptive name for your profile)
 - FB Profile ID
 - FB Page ID
 - Application ID
 - Application Secret
 - Application Secret

- Access Token
- (Optional) Album ID



You can specify the name of a Facebook album if you want to publish images directly to an album that you have created for your Facebook account.

- (Optional) Transcoding Profile



You cannot publish video directly to Facebook unless you specify a transcoding profile.

7. (Optional) Click Get Expiration Date.

Media Distribute checks the expiration date of your access token and updates the entry in the Expiration Date field. This shows you how much time is left on your Facebook access token.

8. (Optional) Click Get Long-Term Token.

Media Distribute converts your access token, which often remains valid for a couple of hours, to a long-lived token. For more information on short-lived and long-lived tokens and their expiration periods, see your Facebook developer documentation.

9. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

10. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

Configuring a User Profile for a Personal Flickr Account

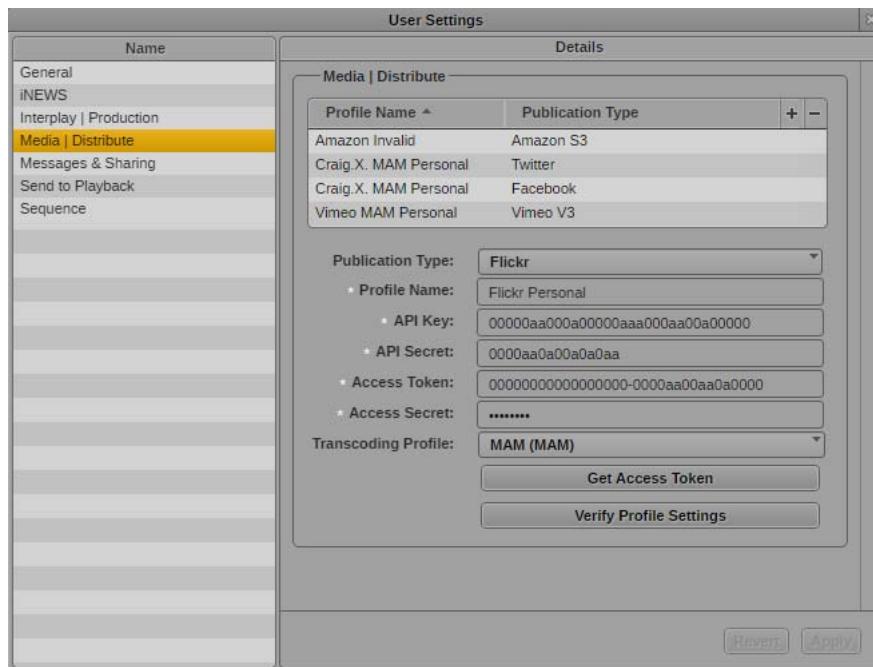
Before you can publish a package to Flickr from MediaCentral UX using Media Distribute, you must first set up an Flickr account to which you want to publish, and you must check the Flickr App Garden settings for your account.

The following procedures assume you have created an Flickr account at <https://www.flickr.com>, and that you have created your Flickr app. For information on creating apps for Flickr, see the Flickr documentation at <https://www.flickr.com/services/api/>.

To configure MediaCentral UX for your Flickr account:

1. Sign in to MediaCentral UX.
2. Select Home > User Settings.

The User Settings dialog box opens.



3. In the Name pane, select Media Distribute.
4. Click the Publication Type menu and select Flickr.
5. Click the + (plus) button in the Details section.

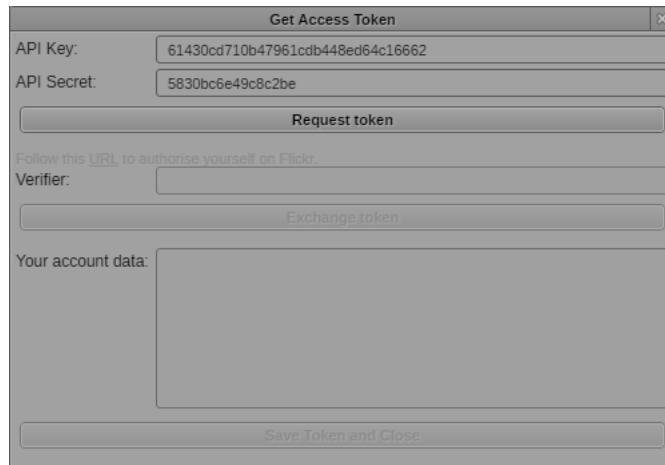
An Flickr profile named “New Profile” is created in the Details section.

6. In the Profile Name text box, type a descriptive name for your profile.
7. Specify the required settings, using the parameter fields you copied from your Flickr app in the App Garden.
 - API Key (from your app settings in the Flickr App Garden)
 - API Secret (from your app settings in the Flickr App Garden)

8. To get your Access Token and Access Secret, do the following:

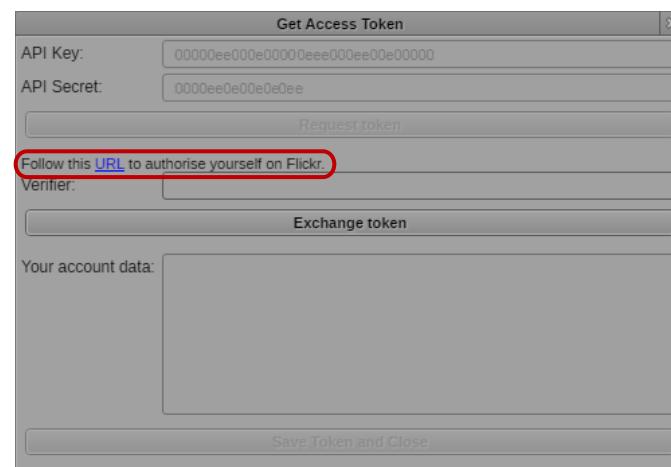
- Click Get Access Token.

The Get Access Token dialog box opens.



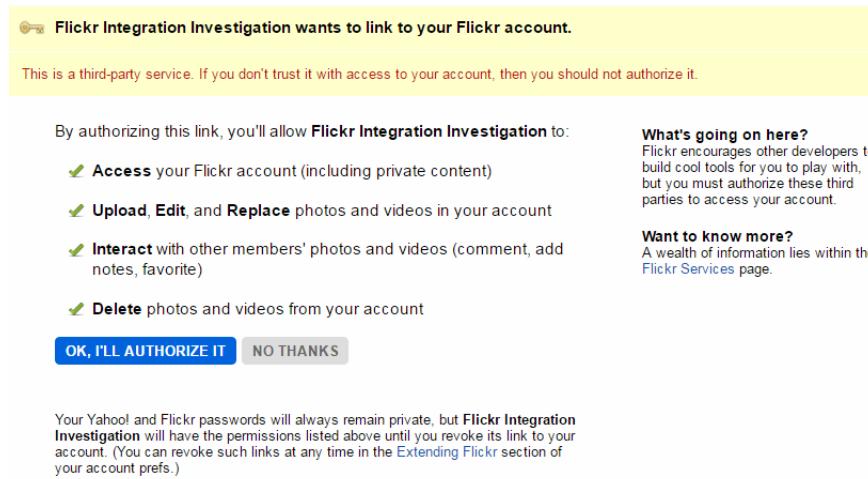
- Click Request Token.

The Get Access Token dialog box updates and provides a URL link for the access token.



c. Click the URL link in the Get Access Token dialog box.

The authorization Web page for your Flickr app opens.

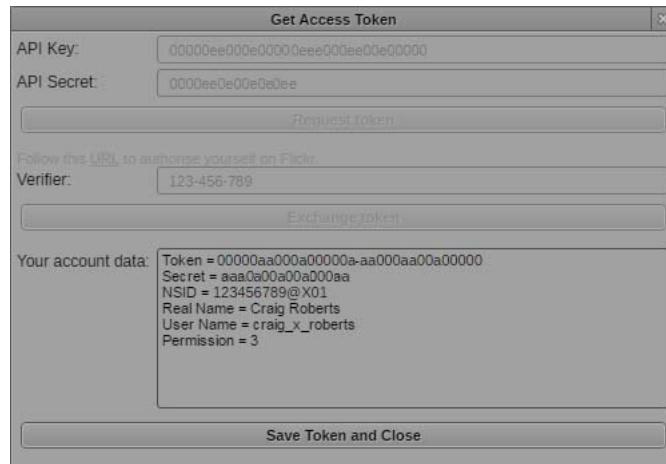


d. Click OK, I'll Authorize It.

The Flickr authorization Web page displays your authorization code.

e. Type your authorization code in the Verifier text box in the Get Access Token dialog box, and then click Exchange token.

The Get Access Token displays your Flickr app account data.



f. Click Save Token and Close.

The Get Access Token dialog box closes, and the following fields are automatically filled in the Flickr Profile:

- Access Token
- Access Secret

9. Click Transcoding Profile and select one of the available profiles.

10. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

11. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

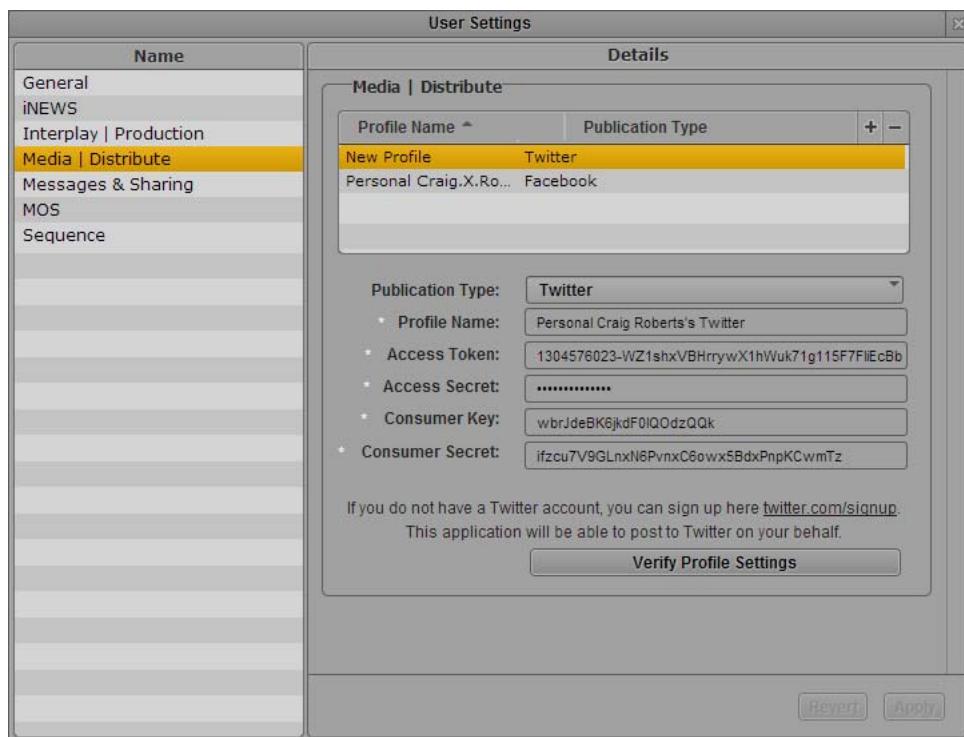
Configuring a User Profile for a Personal Twitter Account

The following procedures assume you have created a Twitter account at <https://twitter.com>.

To set up a user profile for Twitter:

1. Sign in to MediaCentral UX.
2. Select Home > User Settings.

The User Settings dialog box opens.



3. In the Name pane, select Media Distribute.
4. Click the Publication Type menu and select Twitter.
5. Click the + (plus) button in the Details section.

A Twitter profile named “New Profile” is created in the Details section.

6. Specify the required settings, using the parameter fields from your Twitter application Web page or from your Twitter profile in the MediaCentral UX System Settings layout (see “[Configuring a Twitter Publication Account](#)” on page 56):

- Profile Name (type a descriptive name for your profile)
- Access Token
- Access Secret
- Consumer Key
- Consumer Secret

7. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

8. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

Configuring a User Profile for a Personal Vimeo V3 Account

Before you can publish a package to Vimeo from MediaCentral UX using Media Distribute, you must first set up a Vimeo account to which you want to publish, and you must configure a Vimeo publication account.

The Vimeo V3 publication profile uses the V3 API for your Vimeo application. This allows you to employ the OAuth2 authentication protocol for your app.

The following procedures assume you have created a Vimeo account at <https://vimeo.com/>.

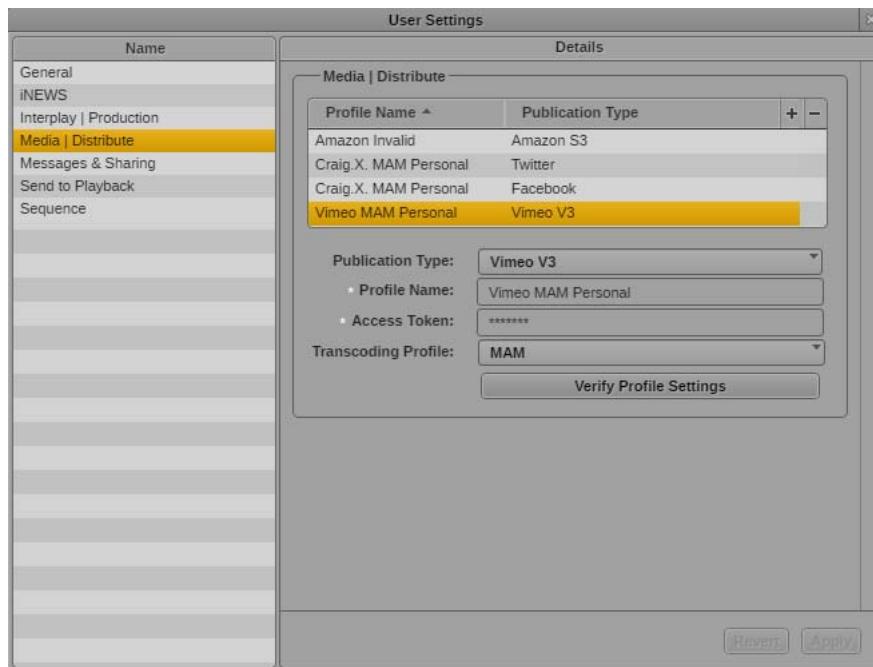


The user interface for Vimeo might change without notice. The procedure below outlines the general steps to create the elements needed to configure Media Distribute. For more information on creating a Vimeo application, see your Vimeo account documentation.

To configure MediaCentral UX for your Vimeo V3 application:

1. Sign in to MediaCentral UX.
2. Select Home > User Settings.

The User Settings dialog box opens.



3. In the Name pane, select Media Distribute.
4. Click the Publication Type menu and select Vimeo V3.
5. Click the + (plus) button in the Details section.

A Vimeo V3 profile named “New Profile” is created in the Details section.

6. Specify the required settings, using the access token you copied from your Vimeo My Advanced API Apps Web page:
 - Profile Name (type a descriptive name for your profile)
 - Access Token
7. Click Transcoding Profile and select one of the available profiles.
8. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: “Profile configurations is valid.” If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

9. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

Configuring a User Profile for a Personal YouTube v3 Account

Before you can publish a package to YouTube from MediaCentral UX using Media Distribute, you must first set up a Google account to manage the publication of your media package to YouTube, and you must configure a YouTube v3 publication account in MediaCentral UX.

The following procedures assume you have created a Google account at <https://accounts.google.com/>.



The user interface for Google accounts might change without notice. The procedure below outlines the general steps to create the elements needed to configure Media Distribute. For more information on creating and managing a Google or YouTube application, see your Google developer account documentation.

If you use a YouTube profile created before April 2015, you can follow the procedures described in “Configuring a YouTube v3 Publication Account” on page 80. For new profiles, you can use the Avid Media Distribute Integration application to generate the necessary access token and refresh token. MediaCentral UX also supplies the following default parameter values when it creates a new YouTube v3 profile so it can use the Avid application:

- Client Id
- Client Secret
- Scopes
- Redirect URI



To use the Avid Media Distribute Integration application to generate default values for your YouTube v3 account, you must be logged in to the Google account you use for publishing videos from Media Distribute.

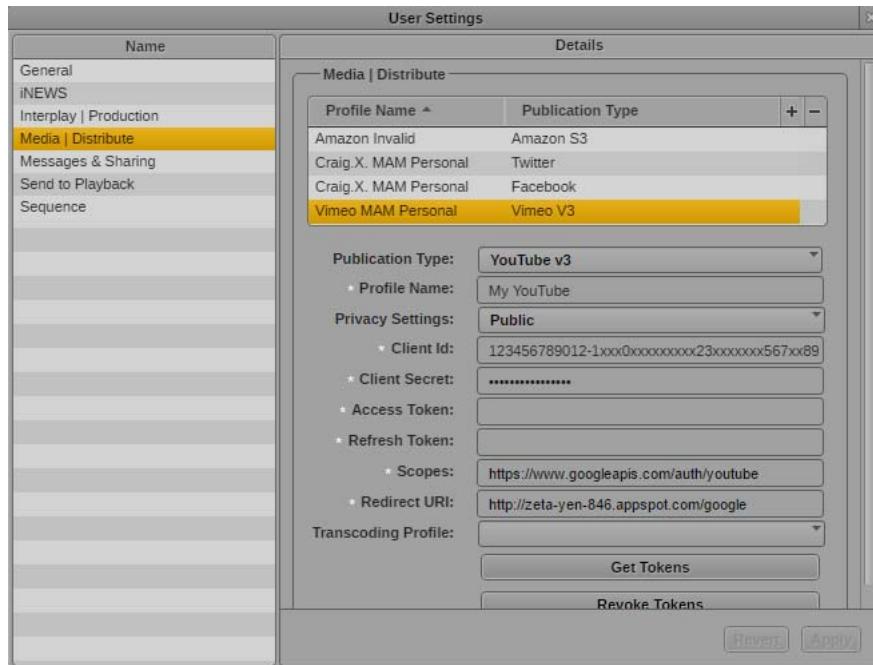
If you want to create your own YouTube application, you can replace the profile parameter values with those copied from your YouTube application. You need to generate the Client ID and Client Secret from the OAuth 2.0 credentials in the Credentials Web page in the APIs and auth section of your application in the Google Developers Console. You also need to supply the values for the Scopes and Redirect URI parameters. For more information, see the Google Developers documentation.

To configure MediaCentral UX for your YouTube v3 account:

1. Log on to your Google account at <https://accounts.google.com/>.
2. If you have never used this account to upload a video, do the following to create a YouTube channel:
 - a. In your browser, navigate to https://www.youtube.com/my_videos.
 - b. Create a new channel. For information creating a new YouTube channel, see the YouTube online help.
3. Sign in to MediaCentral UX.

4. Select Home > User Settings.

The User Settings dialog box opens.



5. In the Name pane, select Media Distribute.
6. Click the Publication Type menu and select YouTube v3.
7. Click the + (plus) button in the Details section.

A YouTube v3 profile named “New Profile” is created in the Details section, and the following parameter fields are automatically filled by default:

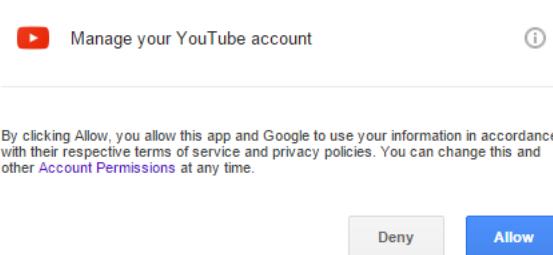
- Client ID
- Client Secret
- Scopes
- Redirect URI

8. Specify a Profile Name by typing a descriptive name for your profile.
9. Click the Privacy Settings menu and select one of the following options:
 - ▶ Public — Everyone can view your published videos.
 - ▶ Unlisted — Only those with whom you share a URL link can view your published video.
 - ▶ Private — Videos cannot be viewed by the public.

10. Click Get Tokens.

The Avid Media Distribute Integration application opens a Web page asking permission to manage your YouTube account. This allows the application to generate the necessary access tokens so you can publish videos to your YouTube account.

▼ Avid Media | Distribute Integration would like to:



 *If you already received the access and refresh tokens, clicking Get Tokens does not supply you with new tokens. You need to click Revoke Tokens, and then click Get Tokens.*

11. Click Allow.

The Avid Media Distribute Integration application generates the access tokens and displays them on the application Web page.

Please copy and paste Access Token and Refresh Token into Distribute Youtube v3 profile:

Access Token: ya29.9QXX

Refresh Token: 1/XXXXXXXXXXXXXXXXXXXXXXXXXXXX

If you see 'null' instead of Refresh Token it means you've already obtained it. To get a new one please press 'Revoke Token' and then do 'Get Token' again.

12. Copy the Access Token value to the parameter field for Access Token in your MediaCentral YouTube v3 profile.

13. Copy the Refresh Token value to the parameter field for Refresh Token in your MediaCentral YouTube v3 profile.

14. Click Transcoding Profile and select one of the available profiles.

15. Click Verify Profile Settings to validate the profile settings.

If your profile is valid, a message displays: "Profile configurations is valid." If any settings are incorrect, a message displays and indicates which fields are incorrect. All invalid settings names change to red.

16. Click Apply to save the profile.

The profile displays in the Details section with the new information.

If you are editing a profile, click Revert to return to the original settings. If you want to delete a profile, select the profile and click the minus (-) button in the Details section.

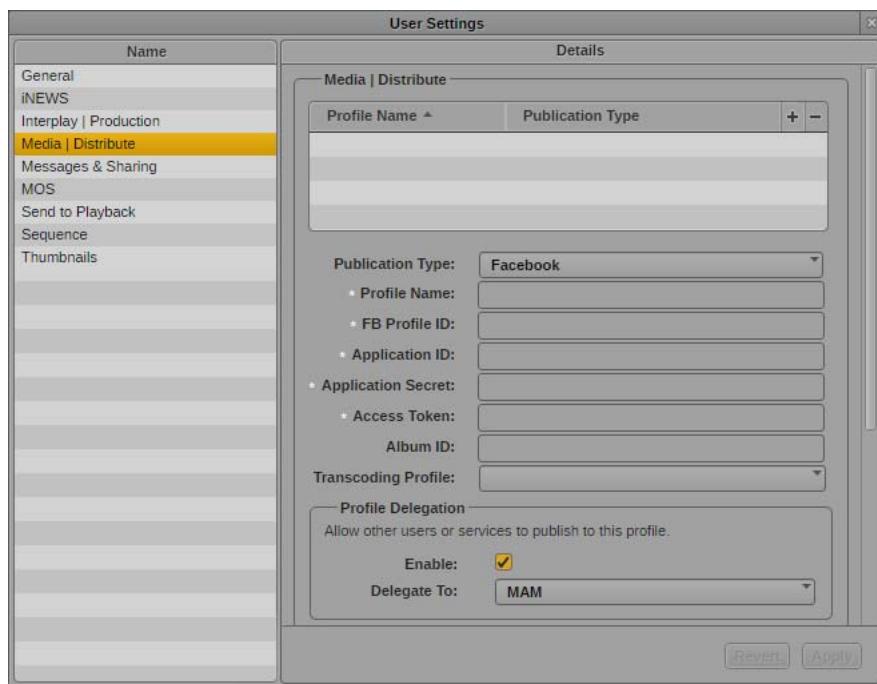
Delegated Publishing

Users who have configured Interplay MAM to export to a Media Distribute profile can publish media using Media Distribute processes. This allows users to delegate the publication to a Media Distribute profile, such as a user profile for a personal Facebook account. Media Distribute then handles the profile specifications — for example, account credentials and access tokens — and sends the media package for publication.



Delegated publishing is available only in personal user profiles — for example, your user profile for a personal Facebook account.

As an example, you can create a sequence in Avid Media Composer, giving the sequence a name that follows the naming conventions specified for export in your Interplay MAM configuration. The sequence can be checked in to a monitored folder in Interplay Production, which then automatically registers the file as an object in Interplay MAM. This initiates an Interplay MAM process that automatically transcodes the file to a Facebook format, and then delivers the file to the user profile for your Facebook account. Media Distribute then can publish the media package using the specified profile, and you can use the Packages pane to monitor the publication process.



To use the delegated publishing option, you must first configure the Interplay MAM export process. For information on configuring Interplay MAM export to delegate publishing to Media Distribute profiles, see the *Interplay /MAM Process Modeler User's Guide* and the *Interplay /MAM Desktop User's Guide*.



You do not need to share your profile to publish your media package using Media Distribute. The Profile Delegation option is used only for publishing directly from a configured Interplay MAM environment.

A

Media | Distribute Checklist

Media Distribute Pre-Flight Checklist

Component	Notes
MCS Server	
Server name	
IP Address	
Administrator User / Password	
MediaCentral UX Version	
Media Distribute Version	
First Install, Reinstall, or Update?	
Twitter	Capture data below for each independent Twitter endpoint
Site URL	Public URL for the Twitter application
Profile Name	Descriptive name for the Twitter Profile
Profile Type	User Account or House Account
Access Token	
Access Token Secret	
Consumer Key	
Consumer Secret	
Facebook	Capture data below for each independent Facebook endpoint
Site URL	
Profile Name	
Profile Type	User Account or House Account
Facebook Profile ID	
Application ID	
Application Secret	
Access Token	
Album ID	

Media Distribute Pre-Flight Checklist

Component	Notes
Facebook Page	Capture data below for each independent Facebook endpoint
Site URL	
Profile Name	
Profile Type	User Account or House Account
FB Profile ID	
FB Page ID	
Application ID	
Application Secret	
Access Token	
Album ID	
Send to Playback	Capture data below for each independent STP endpoint
Profile Name	
Target VCID	
Audio	Direct, Stereo, or Mono
Audio Bit Depth	16 or 24
Audio Target Sample Rate	32000, 44100, 48000, or 96000
Shared ISIS Workspace	The STP service requires this Avid shared storage workspace to store video prior to delivery to the transcode service. Type the name of a valid shared storage workspace.
Transfer Manager Host	You can use the values from your Transfer Manager configuration. For more information, see the <i>Interplay / Transfer Setup and User's Guide</i> .
Transfer Manager Destination Profile	
Transfer Manager Profile Type	Frame, IFrameAMS, LongGoP, or LongGoPAMS
Mixing Down FTP Host	Type the FTP host name.
Mixing Down FTP Path	Type the path to the FTP destination where MXF output is staged for transcode.
Mixing Down FTP Username	Type the user name for your FTP service credentials.
Mixing Down FTP Password	Type the password for your FTP service credentials.
Vimeo	Capture data below for each independent Vimeo endpoint
Profile Name	
Access Token	
Access Secret	

Media Distribute Pre-Flight Checklist

Component	Notes
Consumer Key	
Consumer Secret	
Transcoding Profile	Profile obtained from Transcoder configuration.
Vimeo V3	Capture data below for each independent Vimeo V3 endpoint
Profile Name	
Access Token	
Transcoding Profile	Profile obtained from Transcoder configuration.
YouTube v3	Capture data below for each independent YouTube v3 endpoint
Profile Name	
Client Id	Auto-filled with default values. You can change these if you use your own Google application.
Client Secret	Auto-filled with default values. You can change these if you use your own Google application.
Access token	Supplied by the Avid Media Distribute Integration application.
Refresh token	Supplied by the Avid Media Distribute Integration application.
Scopes	Auto-filled with default values. You can change these if you use your own Google application.
Redirect URI	Auto-filled with default values. You can change these if you use your own Google application.
Transcoding Profile	Profile obtained from Transcoder configuration.
Brightcove	
Profile Name	
Read Token	
Write Token	
Transcoding Profile	Profile obtained from Transcoder configuration.
Kaltura	
Profile Name	
Partner ID	
User ID	
User Secret	
Administrator Secret	
Transcoding Profile	Profile obtained from Transcoder configuration.

Media Distribute Pre-Flight Checklist

Component	Notes
Ooyala	
Profile Name	
API Key	
API Secret	
Transcoding Profile	Profile obtained from Transcoder configuration.
Flickr	
Profile Name	
API Key	
API Secret	
Access Token	
Access Secret	
Transcoding Profile	Profile obtained from Transcoder configuration.
Atex Polopoly	
Profile Name	
Server Name	http:// (the name of your Polopoly host)
User Name	Your Polopoly login name
Password	Your Polopoly login password
Service Address	Address of the Polopoly REST service
External ID	
OVP Profile	
WorldNow	
Profile Name	
User Name	Your WorldNow login name
Password	Your WorldNow login password
Affiliate Number	From your WorldNow account information
Producer Host	From your WorldNow account information
FTP Ingest Hostname	From your WorldNow account information
FTP Username	From your WorldNow account information
FTP Password	From your WorldNow account information
Transcoding Profile	Profile obtained from Transcoder configuration.

Media Distribute Pre-Flight Checklist

Component	Notes
WordPress	
Profile Name	
Blog ID	From your WordPress configuration information
Username	Your WordPress administrator login name
Password	Your WordPress administrator login password
Host's API URL	From your WordPress configuration information
Transcoding Profile	Profile obtained from Transcoder configuration.
Amazon S3	
Profile Name	
Access Key	
Secret Access Key	
Endpoint	
Bucket Name	
Transcoding Profile	Profile obtained from Transcoder configuration.
Bitly	
Profile Name	
Login	
API Key	
Transcoding	
Transcode share hostname	ftp://hostname. For more information, see “Configuring the Video Transcoding Host” on page 32 .
Telestream Vantage	
Profile Name	
Workflow ID	From your Vantage workflow configuration
Host Name	
FTP User Name	From Video Transcoding Configuration
FTP Password	From Video Transcoding Configuration
FTP Transcode/In Path	For incoming files, from your video host transcoding configuration
FTP Transcode/Out Path	For outgoing files, from your video host transcoding configuration
File Share In Path	From your video host transcoding configuration

Media Distribute Pre-Flight Checklist

Component	Notes
Harmonic ProMedia Carbon	Capture data below for each independent transcoder profile
Profile Name	
Workflow ID	From your CarbonCoder profile
Host Name	Your CarbonCoder hostname
FTP User Name	From your video host transcoding configuration
FTP Password	From your video host transcoding configuration
FTP Transcode/In Path	For incoming files, from your video host transcoding configuration
FTP Transcode/Out Path	For outgoing files, from your video host transcoding configuration
File Share In Path	From your video host transcoding configuration
RadiantGrid	Capture data below for each independent RadiantGrid transcoding profile
Profile Name	
RadiantGrid User Name	From your RadiantGrid profile
RadiantGrid Password	From your RadiantGrid profile
Transcoding Profile Name	The profile name listed on the Workflow > Transcode Web page of your RadiantGrid configuration)
Host Name	The RadiantGrid server hostname
FTP User Name	From your video host transcoding configuration
FTP Password	From your video host transcoding configuration
FTP Transcode/In Path	For incoming files, from your video host transcoding configuration
FTP Transcode/Out Path	For outgoing files, from your video host transcoding configuration
File Share In Path	From your video host transcoding configuration
thePlatform	Capture data below for each independent thePlatform profile
Profile Name	
Username	Your thePlatform login name
Password	Your thePlatform login password
Transcoding Profile	Profile obtained from Transcoder configuration.
Upload Servers	(Optional) From your thePlatform configuration.
FTP Ingest Server	(Optioinal) From your FTP configuration.
Generic CMS	
Profile Name	
Provider ID	The provider ID identifies your CMS and is included in the XML file created by the profile.

Media Distribute Pre-Flight Checklist

Component	Notes
FTP Hostname	Your CMS server hostname
FTP Path	From your video host transcoding configuration
FTP Username	From your video host transcoding configuration
FTP Password	From your video host transcoding configuration
Transcoding Profile	Profile obtained from Transcoder configuration.
OVP Profile	Profile obtained when you configure your online video provider settings
Archive	Sends image and video metadata to the FTP host in a single compressed ZIP file
Image FTP Host	FTP server hostname for delivery of image files and metadata
Image FTP Path	Path on your FTP server that you want to use for delivery of image files and metadata
Image FTP Login	Account name used to log in to your FTP server
Image FTP Password	Password for your FTP server account
Video FTP Host	FTP server hostname for delivery of video files and metadata
Video FTP Path	Path on your FTP server that you want to use for delivery of video files and metadata
Video FTP Login	Account name used to log in to your FTP server
Video FTP Password	Password for your FTP server account
Generic CMS Extended	
Profile Name	
Auto Approve	Allows the publishing process to start as soon as the package is saved.
Media Groups	Use this field for a user-defined property by typing a text string with each value separated by a semicolon.
FTP Hostname	Your CMS server hostname
FTP Path	From your video host transcoding configuration
FTP Username	From your video host transcoding configuration
FTP Password	From your video host transcoding configuration
Transcoding Profile	Profile obtained from Transcoder configuration.
OVP Profile	Profile obtained when you configure your online video provider settings
Archive	Sends image and video metadata to the FTP host in a single compressed ZIP file
Image FTP Host	FTP server hostname for delivery of image files and metadata

Media Distribute Pre-Flight Checklist

Component	Notes
Image FTP Path	Path on your FTP server that you want to use for delivery of image files and metadata
Image FTP Login	Account name used to log in to your FTP server
Image FTP Password	Password for your FTP server account
Video FTP Host	FTP server hostname for delivery of video files and metadata
Video FTP Path	Path on your FTP server that you want to use for delivery of video files and metadata
Video FTP Login	Account name used to log in to your FTP server
Video FTP Password	Password for your FTP server account
Metadata XSL	Option to type or copy and paste the content of a metadata XSL file into the text box to allow for metadata transformation and mapping of the attributes

Generic OVP

Profile Name	
FTP Hostname	Your FTP server hostname
FTP Path	From your video host transcoding configuration
FTP Username	From your video host transcoding configuration
FTP Password	From your video host transcoding configuration
Transcoding Profile	Profile obtained from Transcoder configuration.

NoOpTranscoder

Profile Name

B Working with Media | Distribute Logs

Media Distribute provides you with logging capabilities to help you troubleshoot problems with your installation. Working with the Media Distribute debug logging level can give you more information to resolve issues.

Enabling the debug logging level increases the amount of logging information saved to the system. You can configure Media Distribute logging to adjust the maximum size of the log files or the maximum number of files saved on the system.



By default, Media Distribute sets the logging level to INFO.

When you change the logging level, the changes are applied immediately to your system, and you do not need to restart any Media Distribute services.

To enable the debug logging level:

1. Open a terminal window and log in as root to the server where you installed Media Distribute.
2. Navigate to the directory containing the logging configuration file:

```
cd /usr/share/apache-servicemix/etc
```

3. Using the Linux text editor, vi, open the org.ops4j.pax.logging.cfg file for editing:

```
vi org.ops4j.pax.logging.cfg
```

4. Locate the following line, and then navigate using the arrow keys to the INFO parameter:

```
log4j.rootLogger=INFO, out, osgi:VmLogAppender
```

5. Type **i** (lower case “i”) to enter insert mode, and then use the arrow keys and backspace to erase INFO and replace it with DEBUG.

```
log4j.rootLogger=DEBUG, out, osgi:VmLogAppender
```



To disable the debug logging level, replace DEBUG with INFO.

6. Press the Escape key to return to command mode, then type **:wq** and press Return to write and quit the text editor.

The change is applied immediately. You do not need to restart any Media Distribute services.

To change the default log file size:

1. Open a terminal window and log in as root to the server where you installed Media Distribute.
2. Navigate to the directory containing the logging configuration file:

```
cd /usr/share/apache-servicemix/etc
```

3. Using the Linux text editor, vi, open the org.ops4j.pax.logging.cfg file for editing:

```
vi org.ops4j.pax.logging.cfg
```

4. Locate the following line, and then navigate using the arrow keys to the 10MB parameter:

```
log4j.appenders.out.maxFileSize=10MB
```

5. Type **i** (lower case “i”) to enter insert mode, and then use the arrow keys and backspace to erase 10MB and replace it with the appropriate maximum file size.
6. Press the Escape key to return to command mode, then type **:wq** and press Return to write and quit the text editor.

The change is applied immediately. You do not need to restart any Media Distribute services.

To change the number of log files saved by the system:

1. Open a terminal window and log in as root to the server where you installed Media Distribute.
2. Navigate to the directory containing the logging configuration file:
`cd /usr/share/apache-servicemix/etc`
3. Using the Linux text editor, vi, open the org.ops4j.pax.logging.cfg file for editing:
`vi org.ops4j.pax.logging.cfg`
4. Locate the following line, and then navigate using the arrow keys to the 100 parameter:
`log4j.appenders.out.maxBackupIndex=100`
5. Type **i** (lower case “i”) to enter insert mode, and then use the arrow keys and backspace to erase 100 and replace it with the maximum number of files to be saved on the system.
6. Press the Escape key to return to command mode, then type **:wq** and press Return to write and quit the text editor.

The change is applied immediately. You do not need to restart any Media Distribute services.

C

Modifying the Transcoder Monitoring Interval

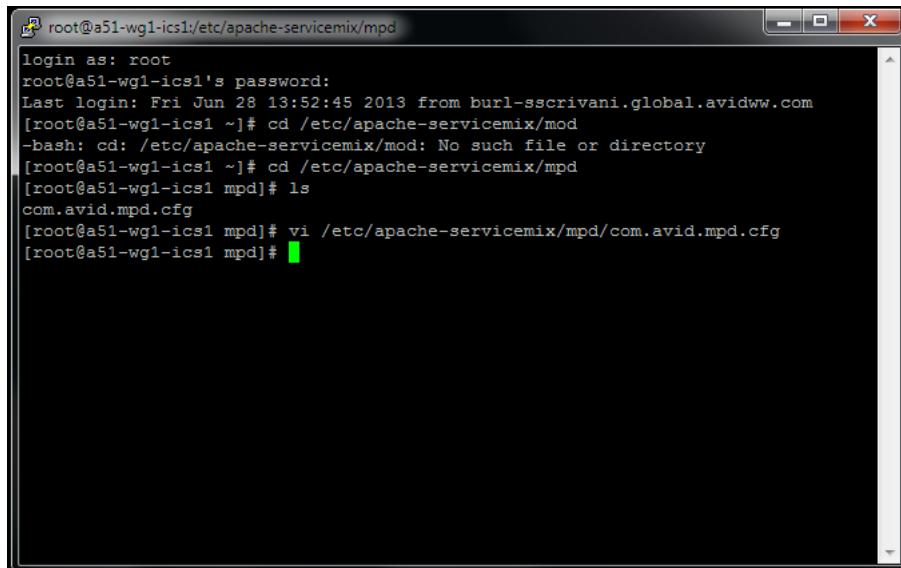
Media Distribute uses a default monitoring interval of one minute (60000 ms) for transcode services (Mixing Down, Mixed Down, and Transcoding). These various transcode processes display in the status window within the Media Distribute Packages pane for each specific package that requires video transcoding.

After successful configuration and operation of an Media Distribute instance, you can change these default monitoring intervals by editing an Media Distribute configuration file.

To modify the transcoder monitoring interval:

1. Open a session on the Media Distribute server.
2. Using Linux commands, navigate to the directory containing the Media Distribute configuration file: /etc/apache-servicemix/mpd/com.avid.mpd.cfg.
3. Using the Linux text editor, vi, open the com.avid.mpd.cfg file for editing:

```
vi com.avid.mpd.cfg
```



```
root@a51-wgl-ics1:/etc/apache-servicemix/mpd
login as: root
root@a51-wgl-ics1's password:
Last login: Fri Jun 28 13:52:45 2013 from burl-sscrivani.global.avidww.com
[root@a51-wgl-ics1 ~]# cd /etc/apache-servicemix/mod
-bash: cd: /etc/apache-servicemix/mod: No such file or directory
[root@a51-wgl-ics1 ~]# cd /etc/apache-servicemix/mpd
[root@a51-wgl-ics1 mpd]# ls
com.avid.mpd.cfg
[root@a51-wgl-ics1 mpd]# vi /etc/apache-servicemix/mpd/com.avid.mpd.cfg
[root@a51-wgl-ics1 mpd]#
```

4. Type **i** (lower case “i”) to enter insert mode, and then use the arrow keys to position the cursor at the appropriate location.
5. Edit the monitorMixingdownInterval, monitorMixeddownInterval, and monitorTranscodingJobsInterval values (the default is 60000).



Do not modify the monitorLockedEntitiesInterval or lockedEntityTimeToLive values.

Avid recommends that you do not set the interval below 10000 (10 seconds). Setting the interval to a smaller number might improve the response time for the transcode operation, but this change can also increase the amount of chatter over the service bus.

6. Press the colon key (:) to return to command mode, then type `wq` to write and quit the text editor, and press Return.
7. Exit the session.

D

Modifying the Settings for Interlaced Graphics

When you attach an image to your media package by clicking the Load from Player button, Media Distribute takes the image from the frame selected in the Media pane. If your video uses an interlaced format, this can cause the attached image to display interlacing effects which can degrade the quality of the image. You can set Media Distribute to deinterlace the graphics file it receives from the Media viewer by editing the transcoding configuration file.

To change the settings for interlaced graphics:

1. Open a terminal window and log in as root to the server where you installed Media Distribute.
2. Navigate to the directory containing the transcoding configuration file:

```
cd /usr/share/apache-servicemix/etc/mpd
```

3. Using the Linux text editor, vi, open the transcoding.cfg file for editing:

```
vi transcoding.cfg
```

4. Locate the following line, and then navigate using the arrow keys to the deinterlacing parameter:

```
image.processing.deinterlacing={true, false}
```

5. Type **i** (lower case “i”) to enter insert mode, and then use the arrow keys and backspace to erase the bracketed options (including the brackets) and then type **true**.

```
image.processing.deinterlacing=true
```

6. Press the Escape key to return to command mode, then type **:wq** and press Return to write and quit the text editor.

7. Restart the Media Distribute services on the server or on all cluster nodes by typing the following:

```
service avid-mdp clean-restart
```

E

Sample XSL for the Generic CMS Extended Profile

The Generic CMS Extended profile provides you with the option of including custom categories for publishing your media package to a CMS. You can specify these categories in an extensible stylesheet language (XSL) file. Using the XSL file, you can remap metadata using XSL transformations into the attribute names or tags for which your CMS is configured. For example, you can extract a file name category value from the Video-URL.

The following is an example of a custom XSL file used to create categories for Media Distribute using the Generic CMS Extended profile. This example is provided for descriptive purposes only. You must create your own XSL file if you want to use this feature of Media Distribute.

```
<xsl:stylesheetversion="1.0"xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
  <xsl:templatematch="/webStory">
    <assetRecord>
      <headline>
        <xsl:value-ofselect="title"/>
      </headline>
      <summary>
        <xsl:value-ofselect="lead"/>
      </summary>
      <body>
        <xsl:value-ofselect="body"/>
      </body>
      <embeddedImage>
        <xsl:value-ofselect="attachedImages/image/url"/>
      </embeddedImage>
      <embeddedVideo>
        <xsl:value-ofselect="attachedVideos/video/url"/>
      </embeddedVideo>
      <mediaGroup>
        <xsl:value-ofselect="metadata/entry[string[1] =
'GCE_MediaGroup']/string[2]"/>
        <mediaGroup>
          <publishTime>
            <xsl:value-ofselect="metadata/entry[string[1] =
'GCE_PublishTime']/string[2]"/>
          </publishTime>
          <fileName>
            <xsl:call-templatename="fileName">
              <xsl:with-paramname="path"select="attachedVideos/video/
url"/>
            </xsl:call-template>
          </fileName>
          <userName>
            <xsl:value-ofselect="metadata/entry[string[1] =
'userLogonName']/string[2]"/>
          </userName>
          <approverName>
```

```

            <xsl:value-of select="metadata/entry[string[1] =
'userLogonName']/string[2]"/>
        </approverName>
        <userFullName>
            <xsl:value-of select="metadata/entry[string[1] =
'userFullName']/string[2]"/>
        </userFullName>
        <email>
            <xsl:value-of select="metadata/entry[string[1] = 'userMail']/
string[2]"/>
        </email>
        <clip>
            <createdDate>
                <xsl:value-of select="metadata/entry[string[1] =
'com.avid.workgroup.Property.System.CreationDate']/string[2]"/>
            </createdDate>
            <source>
                <xsl:value-of select="attachedVideos/video/metadata/
entry[string[1] = 'mobId']/string[2]"/>
            </source>
            <duration>
                <xsl:value-of select="metadata/entry[string[1] =
'com.avid.workgroup.Property.System.Duration']/string[2]"/>
            </duration>
            <startSourceTimecode>
                <xsl:value-of select="metadata/entry[string[1] =
'com.avid.workgroup.Property.System.Start']/string[2]"/>
            </startSourceTimecode>
            <endSourceTimecode>
                <xsl:value-of select="metadata/entry[string[1] =
'com.avid.workgroup.Property.System.End']/string[2]"/>
            </endSourceTimecode>
            <fps>
                <xsl:value-of select="metadata/entry[string[1] =
'com.avid.workgroup.Property.System.FPS']/string[2]"/>
            </fps>
            <title>
                <xsl:value-of select="title"/>
            </title>
            <description>
                <xsl:value-of select="lead"/>
            </description>
            <metadata>
                <xsl:for-each select="metadata/entry">
                    <metadataEntry>
                        <id>
                            <xsl:value-of select="string[1]"/>
                        </id>
                        <value>
                            <xsl:value-of select="string[2]"/>
                        </value>
                    </metadataEntry>
                </xsl:for-each>
            </metadata>
        </clip>
    </assetRecord>
</xsl:template>
<xsl:templatename="fileName">
    <xsl:paramname="path"/>

```

```
<xsl:choose>
  <xsl:when test="contains($path, '\')">
    <xsl:call-template name="fileName">
      <xsl:with-param name="path" select="substring-
after($path, '\')"/>
    </xsl:call-template>
  </xsl:when>
  <xsl:when test="contains($path, '/')">
    <xsl:call-template name="fileName">
      <xsl:with-param name="path" select="substring-after($path, '/
')"/>
    </xsl:call-template>
  </xsl:when>
  <xsl:otherwise>
    <xsl:value-of select="$path" />
  </xsl:otherwise>
</xsl:choose>
</xsl:template>
</xsl:stylesheet>
```

F

Custom Configuration for Avid Publish Services

Starting with Media Distribute v2.7, some publish services are installed to connect to the ACS bus API. You can install these services in a different location or a different environment if you need to increase the performance of services in high-load systems or if you need to have additional instances of the services for reliability.

Installing Avid Publish Services Manually

All Avid Publish Services are installed as part of the Media Distribute installation. However, if you need to install the services in a location different from the default location, you can install the services from the Packages folder in the Media Distribute installation directory. You must install the services on all nodes of a cluster configuration.



You must install Avid MediaCentral Platform Services (MCS) before installing the Avid Publish Services in a location different from the default location.

To install Avid Publish Services manually:

1. Using Linux commands, navigate to the directory containing the Media Distribute services installation files: `cd Media_Distribute_<version>_<build>_Linux/Packages`.
2. Install the appropriate service by typing the following command: `yum install <service-rpm>`
For example: `yum install avid-publish-facebook-1.0.0-11.20160606.0946.x86_64.rpm`
3. After you have installed your services, start each service by typing the following command: `service <service-name> start`
For example: `service avid-publish-facebook start`
4. If necessary, configure the publish services configuration file for each service. For information on editing the configuration files, see [“Configuring the Avid Publish Services” on page 148](#).

Configuring the Avid Publish Services

If you install Media Distribute using the installation script, the following Avid Publish Services install automatically.

- `avid-publish--amazon-s3.cfg`
- `avid-publish-facebook.cfg`
- `avid-publish-flickr.cfg`
- `avid-publish-twitter.cfg`
- `avid-publish-vimeo.cfg`

- avid-publish-youtube.cfg
- avid-publish-stp.cfg
- avid-publish-vantage.cfg
- avid-publish-mam.cfg

If you install the Media Distribute on a cluster, you can manually modify the Avid Publish Services configuration files for your configuration. You must configure the services on the master node and non-master nodes of your configuration.



If your MediaCentral installation is configured on a single node, the Avid Publish Services require no additional configuration steps.

To modify the Avid Publish Services configuration files:

1. Using Linux commands, navigate to the directory containing the Avid Publish Services configuration files: `cd /etc/sysconfig`.

The directory contains configuration files for each of the publish services:

- avid-publish--amazon-s3.cfg
- avid-publish-facebook.cfg
- avid-publish-flickr.cfg
- avid-publish-twitter.cfg
- avid-publish-vimeo.cfg
- avid-publish-youtube.cfg
- avid-publish-stp.cfg
- avid-publish-vantage.cfg
- avid-publish-mam.cfg

2. Using the Linux text editor, `vi`, open the configuration file for each publish service your configuration requires and do the following:

- a. If you want to configure the publish service to connect to a non-local ACS Gateway, locate the following line, and then navigate using the arrow keys and place the cursor on top of the # (comment indicator):

```
# export ACS_GATEWAY_HOST=127.0.0.1
```

- b. Type `i` (lower case “i”) to enter insert mode, and then use the arrow keys and backspace to erase the # (comment indicator).

- c. Delete the IP value at the end of the line, and then replace it by typing the ACS Gateway Host IP address — for example, `export ACS_GATEWAY_HOST=192.168.1.2`

- d. If your gateway connection uses a port other than the default port 9900, locate the following line, and then navigate using the arrow keys and place the cursor on top of the # (comment indicator):

```
# export ACS_GATEWAY_PORT=9900
```

- e. Use the arrow keys and backspace to erase the # (comment indicator) and then replace the port value at the end of the line with your custom ACS Gateway port — for example, `export ACS_GATEWAY_PORT=9600`

- f. Press the Escape key to return to command mode, then type `:wq` and press Enter to write and quit the text editor.

3. If you specified a new ACS Gateway Host, do the following to edit the ACS Gateway configuration:
 - a. Using the Linux text editor, vi, open the ACS Gateway configuration file for editing:
`vi /etc/sysconfig/avid-acs-gateway.cfg`
 - b. Locate the following line:
`ACS_SECURITY_FULL_TRUST_IPV4_MASK_LIST`
 - c. Change the default value, "127.0.0.0/25;", to the IP address of your ACS Gateway Host — for example, "192.168.1.2;".



For more information on configuring the ACS Gateway, see your MCS administrator.

4. When you have finished editing the configuration files for each service used in your configuration and the ACS Gateway configuration file, restart each service by typing the following command: `service <service-name> restart`

For example: `service avid-publish-facebook restart`

G

Deleting Packages from Packages Pane

When you publish multiple packages to multiple platforms, the Packages pane can expand to more than one page, listing all packages that have been submitted. You can delete the published packages from the Packages pane, but you can only delete one page at a time.

Media Distribute provides a script that can be used by your MediaCentral administrator to delete all published packages from all pages in the Packages pane.



In a cluster configuration, you must run script on the master node.

You can automate the packages deletion by configuring a cron job for your system.

To delete all packages from all pages in the Packages pane:

1. Navigate to the following Web site on the Avid Knowledge Base: http://avid.force.com/pkb/articles/en_US/how_to/How-to-remove-all-pages-from-the-Media-Distribute-Packages.
2. Download the attached mpd_packages_manager_<version_number>.zip file.
3. Copy the compressed zip file to your MediaCentral single server or to the master node in a cluster configuration.
4. Type the following command to unzip the file.

```
unzip mpd_package_manager_<version_number>.zip
```

5. Type the following command to add the execution mode to the uncompressed script:

```
chmod u+x <script_location>/mpd_delete_packages.sh
```

6. Type the following command to delete all packages form the Packages pane:

```
/<script_location>/mpd_delete_packages.sh <parameters>
```

The following table describes the parameter options:

Option	Description
-db <arg>	Database host. The default value is <i>localhost</i> . In a cluster configuration, use this parameter to specify the cluster IP address.
-?,-help	Print this message.
-n <arg>	Delete all packages older than n weeks. Default number of weeks is 3.
-s,--silent	Silent mode.

To set up the script to run as a cron job:

1. To edit or create a crontab (cron table) file, type the following command at the UNIX / Linux shell prompt:

```
# crontab -e
```

The text editor vi opens so you can add entries for the crontab.

2. If necessary, type ***o** to add a line in the crontab.
3. Specify the appropriate schedule for the cron job:

*** * * * * <command to be executed>**

The asterisks (*) indicate the following parameters for the cron job:

Parameter	Range of Allowed Values
Minute	0 - 59
Hour	0 - 23
Day of month	1 - 31
Month	1 - 12
Day of week	0 - 7 (0 or 7 is Sunday)

Using an asterisk (*) as a parameter indicates a range of first to last



For information on cron syntax and formats, see the cron documentation.

4. (Optional) Type ***o** to add a line in the crontab so you can set the MAILTO value to send the script output to the appropriate individual.



Cron looks at the MAILTO parameter value to determine if mail is to be sent as a result of running the commands in the crontab:

- If MAILTO is defined (and non-empty), mail is sent to the specified user.
- If MAILTO is defined but empty ('MAILTO=""'), no mail is sent,
- If MAILTO is not defined, mail is sent to the owner of the crontab.

For example, to specify and e-mail is sent to Jane Doe, use the following command:

MAILTO=jane.doe@avid.com

5. Type one of the following commands to set the job to execute:

► **cd <script_location> && <script_location>/mpd_delete_packages.sh -s**
 ► **cd <script_location> && <script_location>/mpd_delete_packages.sh -s -db <database_host>**

-s tells the script to delete all found packages silently.

-db must be used if PostgreSQL database is located on the remote machine — for example, in a cluster configuration.

For example, to run the script at 1130 PM every night, use the following command:

30 23 * * * cd /opt/avid/package_manager && /opt/avid/package_manager/mpd_delete_packages.sh -s

6. Type the following command to ensure logs are created in /var/log/avid/mpd_package_manager:

cd <script_location> && <script_location>/mpd_delete_packages.sh -s -db <database_host> -n <number_of_weeks>

7. Type **:wq** and then press Return to save the crontab file and exit the text editor.

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