

Installing ADOBE® MEDIA SERVER

Legal notices

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Chapter 1: Installing the server

To install Adobe® Media Server 5.0.1, review the system requirements, back up existing data, and run the installer.

System requirements

For the most up-to-date requirements, see the [Adobe Media Server 5.0.1 System Requirements](#) page.

Important changes in this version

For the most up-to-date information on some important changes in this version of Adobe Media Server, see the [Adobe Media Server 5.0.1 Release Notes](#) or the section “Important changes in AMS 5.0.1 release” in *Adobe Media Server 5.0.1 Technical Overview Guide*.

Prepare to install Adobe Media Server

Designing a deployment

An Adobe Media Server deployment can be as simple as one computer. It can be as complex as multiple clusters of edge servers and origin servers with authentication and content storage performed on separate computers.

Run the installer on each computer on which you want to run Adobe Media Server. After running the installer, you can configure the server to run as an origin server or an edge server.

Choosing to install Apache HTTP Server

You can choose to install Apache HTTP Server with Adobe Media Server. If you install Apache, the server can serve media, client SWF files, HTML files, and other page-related files such as CSS, JavaScript, AIR applications, and images over HTTP.

If you install Apache HTTP Server, Adobe Media Server can also stream media over HTTP. HTTP streaming is different from progressive download. When media is streamed over HTTP, clients can skip forward without waiting for the file to download. Adobe Media Server supports streaming media over HTTP to the Flash Platform and to clients that support Apple® HTTP Live Streaming.

During Adobe Media Server installation, the default option is to install Apache. If you want to use your own web server, do not install Apache. You can proxy HTTP connections from Adobe Media Server to your web server.

Serial numbers

Before running the installer, verify that you have a serial number.

If you require different or additional serial numbers, contact [Adobe Support and Customer Service](#).

Enter a serial number:

❖ To enter a serial number, do any of the following:

- Run the installer. Follow the prompts to enter a serial number.

Note: If you don't enter a serial number during installation, Adobe Media Server Starter installs. You can enter a serial number after installation to upgrade to another server edition.

- Enter the number in the `rootinstall/conf/ams.ini` configuration file and restart the server.

```
SERVER.LICENSEINFO = <ENTER_SERIAL_NUMBER_HERE>
```

- Open the Administration Console and click Manage Servers > License tab > Enter Serial Key > Add Serial Key.

Note: The terms serial number and serial key have the same meaning.

Add additional serial numbers:

You can add an unlimited number of serial numbers for capacity increases.

❖ To stack serial numbers, do any of the following:

- Enter the number in the `rootinstall/conf/ams.ini` configuration file and restart the server. Use semi-colons to separate serial numbers:

```
SERVER.LICENSEINFO = <FIRST_SERIAL_NUMBER>; <SECOND_SERIAL_NUMBER>
```

- Open the Administration Console and click Manage Servers > License tab > Enter Serial Key > Add Serial Key.

Note: Stacking is not supported in Adobe Media Server Standard.

Enter license files provided by Adobe:

During installation, leave the serial number field blank and install the Starter server. Install the license file after you install the server.

❖ Copy LIC files to the `rootinstall/licenses` folder (the server ignores old LIC files).

Note: Stacking is not supported for license files.

More Help topics

[“Start and stop Adobe Media Server”](#) on page 5

Third-party software conflicts

Some antivirus programs may cause Adobe Media Server to fail. If you are experiencing problems with Adobe Media Server and have antivirus software installed, try removing the antivirus program.

Note: Norton AntiVirus™ is compatible with Adobe Media Server. Panda Antivirus is not compatible with Adobe Media Server.

Prepare to upgrade Adobe Media Server

Workflow for upgrading

- 1 Back up existing data. See [“Back up data”](#) on page 3.
- 2 Remove the existing version of the server. See [“Uninstall Adobe Media Server”](#) on page 7.

- 3 Install the server. See “[Install Adobe Media Server](#)” on page 3.

Back up data

- 1 Before you upgrade to Adobe Media Server 5.0.1, save copies of the following folders to another computer or to external media:
 - applications/
 - conf/
 - licenses/
 - modules/
 - webroot/
 - Apache2.2/conf
- 2 After installing the server, do the following:
 - Modify the new configuration files to match the settings from your old files that you want to keep. For example, host port settings, application and streams virtual folder settings, and so on. Restart the server.
***Important:** Do not copy configuration files from previous versions of the server. Manually edit the new configuration files to match your old settings.*
 - Copying license files to Adobe Media Server 5.0.1 is not required (there aren't any upgrade paths for license files).
 - To reuse C++ plug-ins (also called *adaptors*), recompile them. See [Developing plug-ins](#).
 - Copy any applications you want to deploy to the *rootinstall/applications* folder. (If you changed the default application folder, copy the applications to the correct folder.)

Install Adobe Media Server

Install Adobe Media Server on Windows

- 1 Log on to the server as an administrator.
- 2 Double-click the installation file, `AdobeMediaServer_5_LS1_win64.exe`, and follow the prompts in the installation wizard.
This file is on your installation DVD or you can download it from adobe.com.
- 3 Read and accept the License Agreement to continue the installation process.
- 4 If an existing Adobe Media Server installation is found, choose whether to remove the old version and upgrade to the new version or remove the old version only.
- 5 Enter a serial number.
If you don't enter a serial number, Adobe Media Server 5.0.1 Starter gets installed. You can enter a serial number or a license file after you install the server.
- 6 Accept the default installation location or enter a new location.

- 7 Select whether to install Adobe Media Server and Apache HTTP Server (Full installation), or just Adobe Media Server (Compact installation).

Note: To use Adobe® HTTP Dynamic Streaming and Apple® HTTP Live Streaming, you must install Apache HTTP Server from the Adobe Media Server installer.

- 8 Accept the default location for the Adobe Media Server program shortcuts or enter a new location.
- 9 Enter a user name and password for the first valid server administrator.
After installation, use the Administration Console to reset the password and add other administrators.
- 10 Accept the default server ports. Alternatively, if desired, enter new values.
- 11 Review your installation choices. Click Back to make any necessary changes.
- 12 Click Install.

Note: Microsoft Visual C++ 2005 Redistributable Package and Microsoft Visual C++ 2008 Redistributable Package also install.

- 13 Select any final options and click Finish.

The installation is complete.

By default, Adobe Media Server installs to C:\Program Files\Adobe\Adobe Media Server 5. The documentation refers to this directory as *rootinstall*.

- 14 If you have a Adobe Media Server 5 license (LIC) file, place it in the *rootinstall/licenses* folder.
- 15 Verify your installation.

More Help topics

[“Verifying installation”](#) on page 9

[“Serial numbers”](#) on page 1

Install Adobe Media Server on Linux

- 1 Log in as a root user (required).
- 2 Locate the installation file, `AdobeMediaServer_5_LS1_linux64.tar.gz`.
- 3 Copy the file to a directory on your local disk.
- 4 Open a shell window and switch to the directory with the installation file.
- 5 Untar the installation file:

```
tar -xzf AdobeMediaServer_5_LS1_linux64.tar.gz
```

A directory with the installation program is created.
- 6 At the shell prompt, enter `cd` and navigate to the directory created in step 5.
- 7 Start the installation program with the following command:

```
./installAMS
```

The installation program starts and displays a welcome message.
- 8 Press Enter to start the installation.
- 9 Follow the installation instructions on your screen.

Enter a serial number. If you don't enter a serial number, or if you enter an invalid serial number, Adobe Media Server 5.0.1 Starter installs.

Enter a user and group for Adobe Media Server processes to run as. The default user is "ams". The default group is "ams." (The user you select is also the owner of the Adobe Media Server files.) Your choices are written to the `ams.ini` file. You can edit the `ams.ini` file to modify properties later, if needed.

Choose whether to install Apache HTTP Server. To stream media over HTTP to Flash Player and AIR and devices that support Apple HTTP Live Streaming, choose to install.

- 10 Review the summary of the installation options you have chosen, which are displayed in the installer.

The installation is complete. If you configured it to start automatically, the Adobe Media Server service starts. To start the server manually, from the `rootinstall` directory, enter `./server start`.

By default, Adobe Media Server is installed to the `/opt/adobe/ams` directory. The documentation refers to this directory as `rootinstall`.

- 11 If you have a Adobe Media Server 5 license (LIC) file, place it in the `rootinstall/licenses` directory.

- 12 Verify your installation.

More Help topics

["Verifying installation"](#) on page 9

["Serial numbers"](#) on page 1

Start and stop Adobe Media Server

Start and stop the server on Windows

Start the server from the Start menu

- 1 Choose Start > All Programs > Adobe > Adobe Media Server 5 > Start Adobe Media Server 5.
- 2 Choose Start > All Programs > Adobe > Adobe Media Server 5 > Start Adobe Media Administration Server 5.

Stop the server from the Start menu

- 1 Choose Start > All Programs > Adobe > Adobe Media Server 5 > Stop Adobe Media Administration Server 5.
- 2 Choose Start > All Programs > Adobe > Adobe Media Server 5 > Stop Adobe Media Server 5.

Start, stop, or restart the server from the Services window

- 1 Choose Start > Control Panel > System and Security > Administrative Tools > Services.
- 2 Select Adobe Media Server (AMS) from the list and click Stop, Start, or Restart.
- 3 Select Adobe Media Administration Server from the list and click Stop, Start, or Restart.

Start and stop the server on Linux

On Linux®, Adobe Media Server is installed as a service. Start, stop, and restart Adobe Media Server and Adobe Media Administration Server from the command line.

You can start, stop, and restart the server directly, or you can use the `amsmgr` utility. Use the `amsmgr` utility to perform other tasks as well, such as configuring the service to start automatically when the system is started.

Note: To start Adobe Media Server on Linux, the Linux server must have NSPR (Netscape Portable Runtime) library installed. The NSPR library must include the following files: `libnspr4.so`, `libplc4.so`, `libplds4.so`.

Start, stop, or restart Adobe Media Server

- 1 Log in as a root user.
- 2 Open a shell window and change to the directory where the server is installed (`/opt/adobe/ams`, by default).
- 3 Enter one of the following:
 - `./server start`
 - `./server stop`
 - `./server restart`

Start, stop, or restart the Administration Server

- 1 Log in as a root user.
- 2 Open a shell window and change to the directory where the server is installed (`/opt/adobe/ams`, by default).
- 3 Enter one of the following:
 - `./adminserver start`
 - `./adminserver stop`
 - `./adminserver restart`

Use `amsmgr` to start, stop, or restart Adobe Media Server

- 1 Log in as a root user.
- 2 Open a shell window and change to the directory where the server is installed (`/opt/adobe/ams`, by default).
- 3 Use the following syntax: `./amsmgr server <service_name> start|stop|restart`. The default service name is `ams`.
Enter one of the following:
 - `./amsmgr server ams start`
 - `./amsmgr server ams stop`
 - `./amsmgr server ams restart`

Use `amsmgr` to start, stop, or restart the Administration Server

- 1 Log in as a root user.
- 2 Open a shell window and change to the directory where the server is installed (`/opt/adobe/ams`, by default).
- 3 Enter one of the following:
 - `./amsmgr adminserver start`
 - `./amsmgr adminserver stop`
 - `./amsmgr adminserver restart`

Start and stop Apache

By default, Adobe Media Server starts and stops Apache automatically. If you are proficient at working with Apache, you can disable this functionality and manage it on your own.

Apache installs to the following location by default:

rootinstall\Apache2.2

Prevent Apache from starting and stopping with Adobe Media Server

- 1 Open the *rootinstall/conf/ams.ini* file in a text editor.
- 2 Set the `SERVER.HTTPD_ENABLED` parameter to `false`.
- 3 Restart the server.

On Linux, you can write a script that uses the `apachectl` script to start and stop Apache at start, shutdown, or `telinit`.

On both platforms, you can run `httpd` from the command line.

(Linux) Use Apache that installs with Adobe Media Server

Some Linux distributions include Apache HTTP Server. If this version of Apache is running when you install Adobe Media Server, the version of Apache that installs with Adobe Media Server does not start. The version of Apache that installs with Adobe Media Server includes modifications, including the ability to support HTTP Dynamic Streaming and HTTP Live Streaming.

To use the Apache HTTP Server that installs with Adobe Media Server, stop the version of Apache that installs with Linux.

- 1 Open a shell window.
- 2 Enter the following: `/etc/init.d/httpd stop`.

Uninstall Adobe Media Server

Uninstall the server on Windows

Uninstalling the server on Windows removes all files installed by the Adobe Media Server installer unless the files were modified. Any folders and files that you added or modified after installation are not removed. The configuration files and Apache configuration files are backed up, and the log files are not deleted.

- 1 Back up existing data. See “[Back up data](#)” on page 3.
- 2 Do one of the following:
 - Select Start > Programs > Adobe > Adobe Media Server 5 > Uninstall Adobe Media Server 5
 - Choose Start > Control Panel > Uninstall a program, select the version of Adobe Media Server you want to remove and click Uninstall.
- 3 In the confirmation dialog box, click Yes.

Adobe Media Server is removed from your computer. A second confirmation dialog box appears when the process is complete.

Uninstall the server on Linux

Uninstalling the server on Linux removes all files in the Adobe Media Server root directory, including files and directories that you created.

- 1 Back up existing data. See “[Back up data](#)” on page 3.
- 2 Log on to the server where Adobe Media Server was installed.
- 3 Log on as a root user or a user with root permissions. Normally, you would use **su - root** to switch to the root user.
- 4 At the shell prompt, enter **cd /opt/adobe/ams**.

By default, /opt/adobe/ams is the directory where Adobe Media Server is installed. If you installed the server in a different directory, replace /opt/adobe/ams with the actual installation location.

- 5 Enter the following to run the uninstall script:

```
./uninstallAMS
```

- 6 Follow the instructions.

Note: fms.ini has been renamed to ams.ini . If you are still using references of fms.ini, rename it to ams.ini.

Chapter 2: Verifying installation

Verify that the server streams media

Use the Adobe Media Server Start Screen

Launch the Start Screen

1 To launch the Start Screen, do one of the following:

- Open the file `rootinstall/webroot/index.html` in a web browser.
- If you installed Apache, open a web browser and go to `http://localhost` or `http://ams-dns-or-ip-address`.

Note: If there is another version of Apache running on the same server, stop it. See “Start and stop Apache” on page 7.

When the Start Screen launches, on-demand media plays over RTMP.

2 Click the links to do any of the following:

- Launch the Adobe Media Administration Console.
- Check for updates.
- Submit a bug.
- Request a feature.
- Learn more about various tools.
- Read white papers and getting started documentation.

Stream on-demand media from the Start Screen (HTTP and RTMP)

Use the Start Screen to test on-demand streaming.

- Stream on-demand media over HTTP to Flash Player.

In the (HDS) HTTP Dynamic Streaming Sample section, click HDS Multiple Bitrate or HDS Single Bitrate.

Note: HDS stands for Adobe HTTP Dynamic Streaming.

- Stream on-demand media over RTMP to Flash Player.

Under RTMP Dynamic Streaming Sample, click Multiple Bitrate or Single Bitrate.

- Stream on-demand media over HTTP to Apple® iOS.

On the Streaming tab, under (HLS) HTTP Live Streaming for Apple iOS, click Multiple Bitrate or Single Bitrate.

To play this content, load the Start Screen in a device running iOS, or in Safari on Mac OS X™.

Note: HLS stands for Apple HTTP Live Streaming.

After you test streaming, complete the following tutorials to understand how to stream media: [Stream on-demand media \(HTTP\)](#) and [Stream on-demand media \(RTMP\)](#).

Verifying installation**Publish and view a live stream from the Start Screen (RTMP)**

The Start Screen includes a custom Flash Player application that captures and encodes audio and video.

- 1 Connect a camera to your computer.
- 2 On the Start Screen, click Interactive.
- 3 Click Allow to let Flash Player access your camera and microphone.
- 4 Click Publish.

The left side of the screen displays the live video from your camera.

- 5 Click Play Live Stream.

The right side of the screen displays the live stream sent from Adobe Media Server to the client.

Test live streaming (HTTP)

The Start Screen doesn't include a test for live streaming over HTTP. To test live HTTP streaming for both HTTP Dynamic Streaming and HTTP Live Streaming, complete the tutorial [Stream live media \(HTTP\)](#) in the Adobe Media Server Developer's Guide.

Test RTMFP introductions

The Start Screen doesn't include a test for RTMFP introductions. To test RTMFP introductions, complete the tutorial [Multicast media \(RTMFP\)](#) in the Adobe Media Server Developer's Guide.

Troubleshoot streaming issues

If you don't see video, do the following to troubleshoot:

- Reload the page.
- If you see an Apache HTTP Server test page, you have multiple Apache installations running. To stop the version that did not install with Adobe Media Server, see "[Start and stop Apache](#)" on page 7. After Apache stops, restart Adobe Media Server to restart the version of Apache that installs with the server. See "[Start and stop Adobe Media Server](#)" on page 5. Relaunch the Start Screen.
- If you see a message to Get Adobe Flash Player, click the link and download the latest version. If the latest official release doesn't work, download Flash Player 11 from [Adobe Labs](#).
- Use the service window (Linux) to verify that Adobe Media Server and Adobe Media Administration Server are running. On Linux, you can also open a shell window and enter **ps aux | grep ams**.

If the services aren't running, start them. If they're set to start manually, even though you set them to start automatically, you may not have installed the server from an administrator account. Log on as an administrator and reinstall the server. See [TechNote 86205](#).

- (HTTP) To stream media over HTTP using HDS or HLS, install Apache HTTP Server when you install Adobe Media Server. Use the Services window to verify that the Apache (httpd) service is running.

Apache HTTP Server is not required to stream media over RTMP.

- (HDS and RTMP) If you're running the Start Screen from a different computer than the computer hosting Adobe Media Server, click Troubleshoot Streaming and follow the instructions to edit the F4M manifest files.

The F4M manifest files use "localhost" as the name of the computer hosting Adobe Media Server. Replace "localhost" with the DNS entry or IP address.

- (RTMP) Open the Adobe Media Administration Console to verify that the media player in the Start Screen is connecting to the vod application on the server. See "[Connect to the Administration Console](#)" on page 11.

Verifying installation

- Check the logs in the *rootinstall/logs* folder.

Verify that the server is listening to the port to which the client is trying to connect. The *edge.xx.log* file shows on which ports the server is listening. By default, the server listens on ports 1935. If the server is not listening on port 1935, open the *rootinstall/ams.ini* file, set `ADAPTOR.HOSTPORT = :1935` and restart the server.

In the *access.00.log* file, the `s-uri` and `cs-uri-stem` fields indicate the port to which the client attempted to connect. Unless you specify a port number in the URL, RTMP and RTMFP clients connect to the server over port 1935 and fall back to port 80 (if configured).

The *master.00.log* file and the *core.00.log* file show failures.

- Verify that ports 1935 and 80 are open on the firewall on the server hosting Adobe Media Server.

There are several ways to verify that ports are open. You can telnet from another computer to the computer hosting Adobe Media Server: **telnet <serverip> 1935** and **telnet <serverip> 80**. You can also use the **netstat** command on the computer hosting Adobe Media Server.

- (HTTP) Check the Apache logs in the *rootinstall/Apache2.2/logs* folder to verify that clients are connecting to the HTTP server.

More Help topics

[“Start and stop Adobe Media Server”](#) on page 5

[Port requirements](#)

[Monitoring and Managing Log Files](#)

Connect to the Administration Console

Adobe Media Server installs with an auxiliary server, Adobe Media Administration Server. Adobe Media Administration Server has an Administration API that lets you query and manage Adobe Media Server. Adobe Media Administration Console is an application built with the Administration API. You can use the Administration Console to monitor applications running on Adobe Media Server. To verify that Adobe Media Administration Server was installed successfully, open the Administration Console and connect to the server.

Note: Keep the Administration Console open while you test streaming. Use it to see clients connect to applications and to see clients access streams. You can also use it to view server-side `trace()` statements in the Live Log.

Open the Administration Console

1 Do one of the following:

- If you installed Apache, open a browser and enter **http://<ams-dns-or-ip-address>/ams_adminConsole.htm**. If the browser is on the same computer as Adobe Media Server, you can use **http://localhost/ams_adminConsole.htm**.

Note: If there is another version of Apache running on the same server, stop it. See [“Start and stop Apache”](#) on page 7.

- Launch the Start Screen and click Launch the Adobe Media Administration Console.
- Browse to *rootinstall/tools/ams_adminConsole.htm* and open the file in a web browser.

(Linux) If you aren't running a GUI desktop environment, copy the following files to a computer that is: *rootinstall/tools/ams_adminConsole.swf* and *rootinstall/tools/ams_adminConsole.htm*.

2 In the Administration Console, enter the Server Address.

Verifying installation

If the Administration Console is on the same computer as Adobe Media Server, enter **localhost**.

- 3 Enter the user name and password you created during installation.
- 4 Click Login.

For more information, see [Using the Administration Console](#).

Troubleshoot the Administration Console

- Use the service window (Linux) to verify that Adobe Media Server and Adobe Media Administration Server are running. To access the Administration Console over HTTP, verify that the Apache Web Server is running.
- If you see a message to Get Adobe Flash Player, click the link and download the latest version. If the latest official release doesn't work, download Flash Player 11 from [Adobe Labs](#).
- If the Administration Console doesn't load, verify that port 1111 is open. There are several ways to verify that a port is open:
 - Telnet from another computer to the computer hosting Adobe Media Server: **telnet <serverip> 1111**.
 - Use the **netstat -a** command on the computer hosting Adobe Media Server to list the ports on which the computer is listening.
 - Enter the following in the browser to attempt to connect to the Adobe Media Administration Server:
`http://localhost:1111/admin/ping?user=username&pswd=password`

The following is a successful response:

```
<result>
  <level>status</level>
  <code>NetConnection.Call.Success</code>
  <timestamp>02-08-2011 00:35:51</timestamp>
</result>
```

A successful response indicates that the port is open and the username and password are correct. For more information about the Administration API, see [Working with the Administration API](#).

- Reset your user name and password. See [Delete administrator accounts and reset passwords](#).
- Check the logs for errors. Logs are located in the *rootinstall/logs* folder. The *master.xx.log* file and the *core.xx.log* file show startup failures. The *edge.xx.log* file shows on which ports the server is listening.
- Contact Adobe Support at www.adobe.com/support.

Where to go from here

For detailed information about streaming on-demand and live media and multicasting media, complete the following tutorials:

- [Stream live media \(HTTP\)](#)
- [Stream live media \(RTMP\)](#)
- [Stream on-demand media \(HTTP\)](#)
- [Stream on-demand media \(RTMP\)](#)
- [Multicast media \(RTMFP\)](#)

For information about configuring the server, see [Configuring the server](#).

Verify installed files

Installed files on Windows

If you chose the default folder in the installer, the installation folder is C:\Program Files\Adobe\Adobe Media Server 5.

Note: The documentation uses the term “rootinstall” to indicate the root installation folder.

The Adobe Media Server 5 folder contains the following items, in alphabetical order:

Name	File or Folder	Description
Apache2.2	Folder	The Apache 2.2 HTTP Server. You can choose to install Apache when you install Adobe Media Server. This folder contains the standard Apache subfolders. In addition, there are modified configuration files in the conf folder and some custom files in the custom web root folder at <i>rootinstall/webroot</i> .
applications	Folder	The default directory that holds Adobe Media Server applications. To create an application, create a folder in the applications folder with the name of the application. For example, applications/mediaapp. Use this name in the client NetConnection call to connect to the application. For example, <code>nc.connect("rtmp://ams.example.com/mediaapp")</code> . To change the location of the applications directory, edit the <code>VHOST.APPSDIR</code> parameter in the <i>rootinstall/ams.ini</i> file.
applications\live	Folder	The built-in RTMP live publishing service. To publish live streams to the server and play live streams from the server, connect to this service at <code>netconnection.connect("rtmp://ams.example.com/live")</code> . See Stream live media (RTMP) .
applications\livepkgr	Folder	The built-in live packaging service for live HTTP Dynamic Streaming and HTTP Live Streaming. To publish live streams to the server and package them to stream over HTTP, connect the client to this service. For example, <code>netconnection.connect("rtmp://ams.example.com/livepkgr")</code> . See Stream live media (HTTP) .
applications\multicast	Folder	The built-in multicast service. To publish multicast streams to the server, connect the client to this service. For example, <code>netconnection.connect("rtmp://ams.example.com/multicast")</code> . See Multicast media (RTMFP) .
applications\vod	Folder	The built-in vod service. The applications/vod/media folder is the location for media files that you want to stream over RTMP through the vod service. To play vod (on-demand) streams, connect the client to this service. For example, <code>netconnection.connect("rtmp://ams.example.com/vod")</code> . See Stream on-demand media (RTMP) .
certs	Folder	The certificates of trusted Certificate Authorities. The installer imports certifications from the Microsoft Windows certificate store into a format and location accessible by Open SSL.
conf	Folder	Contains the hierarchy of XML configuration files and the <i>ams.ini</i> file. See Configure the server for virtual hosting .

Name	File or Folder	Description
documentation	Folder	Contains the installation documentation in PDF. Contains a documentation roadmap with links to the complete Adobe Media Server documentation on adobe.com in both HTML and PDF.
documentation/samples	Folder	Contains the sample files that the documentation references.
licenses	Folder	Contains the LIC files (signed Adobe Media Server licenses). The LIC file establishes the licensed capabilities of the server.
logs	Folder	When the server starts, it creates a logs directory containing all of the server logs. See Monitoring and managing log files .
modules	Folder	Contains plug-ins that extend the functionality of the server.
creds	Folder	Contains certificates, policy files, and keys for protected Adobe HTTP Dynamic Streaming. See Protected HTTP Dynamic Streaming .
creds	Folder	Contains certificates, policy files, and keys for protected Apple HTTP Live Streaming. See Protected HTTP Live Streaming .
samples	Folder	Contains unsigned copies of the streaming services, plug-in sample files, and a sample video player.
scriptlib	Folder	Contains Server-Side Adobe® ActionScript® (ASC) files to use in server-side scripts. You can change this location in the <code>ScriptLibPath</code> tag in the <code>Application.xml</code> file.
tools	Folder	Contains tools that help you package media offline for HTTP Dynamic Streaming, publish multicast content, manage your media, deliver optimized streams, and evaluate the overall health of your software.
webroot	Folder	The default web server root for the Apache HTTP server that installs with Adobe Media Server. Also contains the Adobe Media Server Start Screen and the Administration Console.
webroot/vod	Folder	The default location for media files that can be streamed from the vod service or progressively downloaded. Files in this folder are accessible over both RTMP and HTTP. To change this location, edit the <code>VOD_COMMON_DIR</code> parameter in the <code>rootinstall/conf/ams.ini</code> file.
webroot/live_recorded	Folder	Use this folder to store recordings of live streams and allow clients to play them over RTMP or HTTP. To enable this behavior, see the <code>readme.htm</code> file in the <code>live_recorded</code> directory.
AMSAdmin.exe	File	Adobe Media Administration Server. This server communicates with the server to perform administration tasks. To connect to the Administration Console or call an Administration API, Adobe Media Administration Server must be running. See Using the Administration Console .
AMSCore.exe	File	The executable where Adobe Media Server services run. All script execution and streaming take place from this location.
AMSEdge.exe	File	Monitors for connections to Adobe Media Server and passes connections to an AMSCore process. There can be more than one instance of AMSEdge running on the system.
AMSMaster.exe	File	The main Adobe Media Server executable.

Name	File or Folder	Description
unins000.exe	File	Uninstalls the server.
dh1024.pem and dh512.pem	Files	Key files for SSL connections.
vcredist_xx.exe	File	Microsoft Visual C++ 2005 and Microsoft Visual C++ 2008 Redistributable Packages.
f_server.ico, start.ico, stop.ico, ams_installer.ico	File	The Adobe Media Server icons.
License.htm	File	The End-User License Agreement.
readme.htm	File	Late-breaking information and important details about Adobe Media Server.
Miscellaneous DLL files	Files	The server uses various DLL files to provide functionality that the Windows platform can't provide, including js32.dll, the Server-Side ActionScript engine.

Installed files on Linux

If you chose the default directory in the installer, the installation directory is `/opt/adobe/ams/`.

Note: The documentation refers to the default folder as `rootinstall`.

The following are the Linux server processes:

- `amsadmin`
- `amscore`
- `amsedge`
- `amsmaster`

The `amsmgr` utility allows you to perform certain administrative tasks. For more information, see [Managing the server on Linux](#).

The `uninstallAMS` script uninstalls the server and the `installAMS` script installs the server.