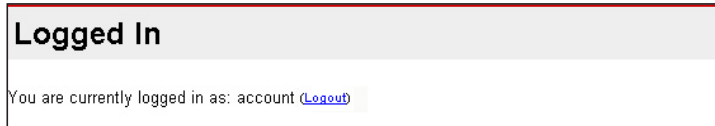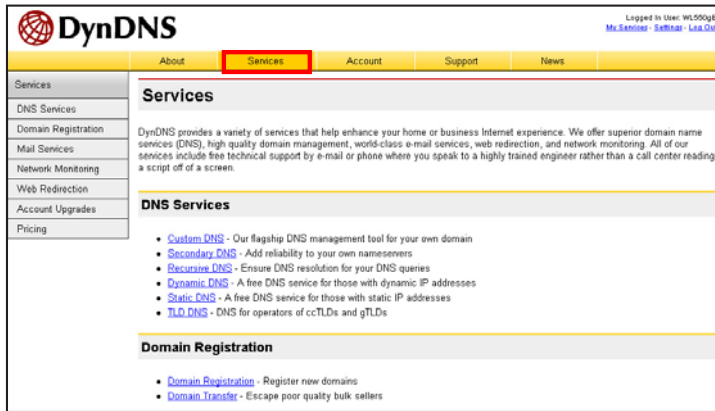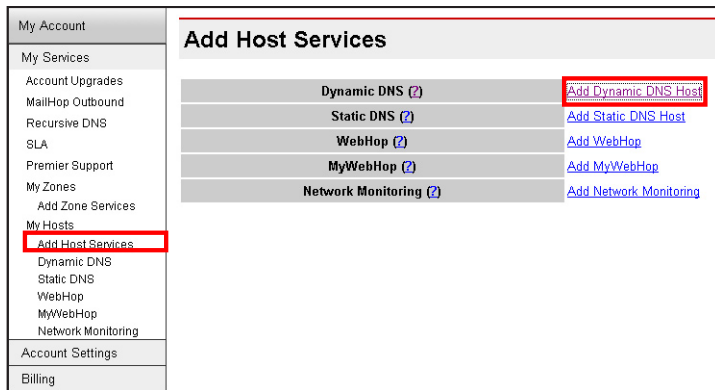9. After logging in, you can see this welcome message.
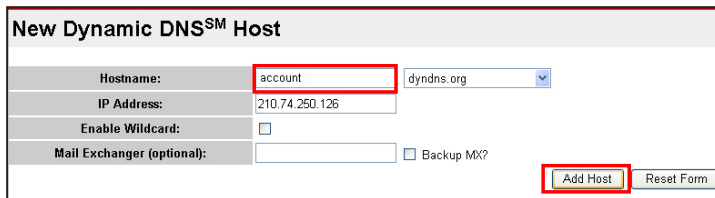

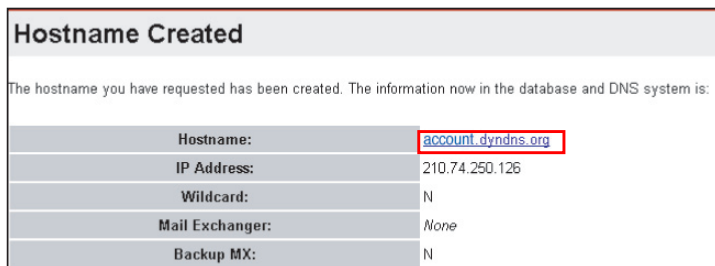10. Select **Services** tab.

11. Click **Add Dynamic DNS Host**.

12. Enter the host name then click **Add Host**.

13. You can see this message when your hostname is successfully created.

14. Fill the account information into the DDNS setting fields of your wireless router.

DDNS Setting

Dynamic-DNS (DDNS) allows you to export your server to Internet with an unique name, even though you have no static IP address. Currently, serveral DDNS clients are embedded in WL566gM. You can click Free Trial below to start with a free trial account.

Enable the DDNS Client?	⦿ Yes ○ No
Server:	WWW.DYNDNS.ORG ▾ *Free Trial*
User Name or E-mail Address:	account
Password or DDNS Key:	••••••••
Host Name:	account.dyndns.org
Enable wildcard?	○ Yes ⦿ No
Update Manually:	Update

15. Click **Finish**.

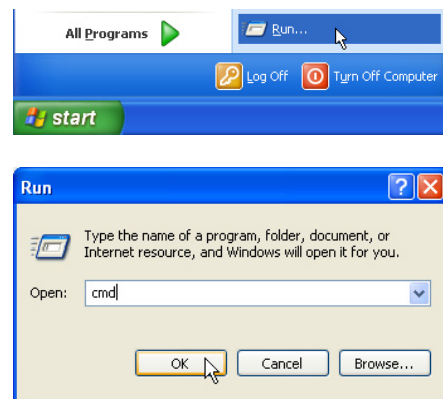Restore   Finish   Apply

16. Click **Save & Restart** to restart the wireless router and activate the settings.
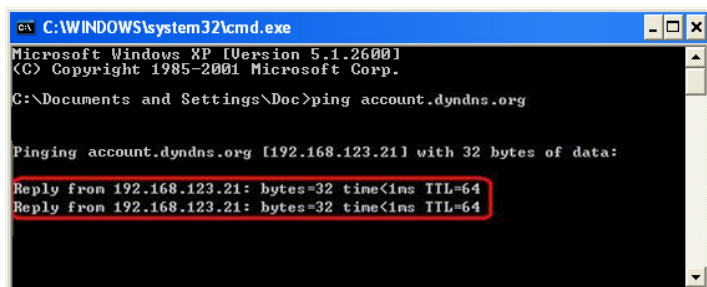
Save & Restart

Save&Restart will save all setting you have changed to ASUS Wireless Router and restart it. Please click **SaveRestart** button to continue.

Save&Restart

17. Verify whether DDNS is working. Click **Start** menu and select **Run....**Type **cmd** and click **OK** to open the CLI console.

All Programs   Run...
Log Off   Turn Off Computer
start

Run
Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open: cmd
OK   Cancel   Browse...

18. Type **ping account. dyndns.org** (your DDNS domain name). If you can see the reply like what is shown in the right picture, DDNS is working correctly.

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
<C> Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\Doc>ping account.dyndns.org

Pinging account.dyndns.org [192.168.123.21] with 32 bytes of data:

Reply from 192.168.123.21: bytes=32 time<1ms TTL=64
Reply from 192.168.123.21: bytes=32 time<1ms TTL=64
```

6) Setting up Bandwidth Management

Bandwidth Management provides a mechanism to setup download and upload bandwidth based on IP address and port range. You can define the minimum bandwidth and maximum bandwidth for host within your LAN, and therefore control the traffic of you network. To set up upload bandwidth management, you need first setup virtual server to allow the incoming packets of the specified services.

1. Click **Basic Config** page in Bandwidth Management folder.

2. Select **Yes** to enable Bandwidth Management function.

3. **Download bandwidth**

If you want to limit the download bandwidth of a host within a speed range, for example, between 100 to 200kbps, you need to fill in the host IP address, the speeds (maximum: 200kbps; minimum: 100kbps). When the minimum speed is defined, the host can transmit data at the minimum speed regardless of the traffic conditions.

1).To apply on all host an **FTP** download speed policy, leave the IP address field blank, input "**20**" in the **Port** field and define the speeds, then click **Add**.

2).To set up **Web** access download policy, input "**80**" in the **Port** field, define the speeds and click **Add**.

3).To set up download bandwidth policy of a certain service for a host, input the host IP address and the port number of the service, define the speeds and click **Add**.
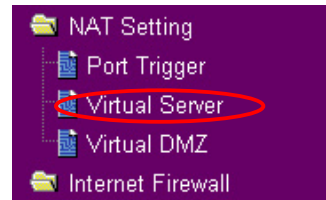
4).To set up download bandwidth policy for the all hosts in your LAN, leave the IP address and port fields blank, define the speeds (the speeds are higher than download policies). Click **Add** to add the rule.

Download Policy List   Add   Del

IP Address	Port	Max.(kbps)	Min.(kbps)
		500	200
192.168.1.6		200	100
	20	100	50
	80	300	100
192.168.1.100	3702	10	

4. Upload stream

If you want to set up upload traffic control policy, for example, to limit the upload bandwidth of port 2100 of 192.168.1.2 between 10 to 80kbps, You need first set up NAT policy to allow incoming packets.

- NAT Setting
  - Port Trigger
  - Virtual Server
  - Virtual DMZ
- Internet Firewall

1).Select **Yes** to enable Virtual Server function. In the Vitual Server List field, fill the port, IP address into the fields and press **Add**.

NAT Setting - Virtual Server

To make services, like WWW, FTP, provided by a server in your local network accessible for outside users, you should specify a local IP address to the server. Then, add the IP address and network protocol type, port number, and name of the service in the following list. Based on the list, the gateway will forward service request from outside users to the corresponding local server.

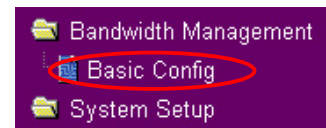Enable Virtual Server?   ⦿ Yes ○ No

Virtual Server List   Add   Del

Well-Known Applications: User Defined ▾

Port Range	Local IP	Local Port	Protocol	Description
2100	192.168.1.2	2100	TCP ▾	

2).Press **Apply** button.

Restore   Finish   Apply

3).Return to the Upload Policy List in Bandwidth Management setting page.

- Bandwidth Management
  - Basic Config
- System Setup

4).Set the **Port** as "2100", **Max (kbps)** as "80", **Min.(kbps)** as "10", then click **Add**.

Upload Policy List   Add   Del

Port	Max.(kbps)	Min.(kbps)
2100	80	10

5. When the settings are complete, press **Finish**.

Restore   Finish   Apply

6. Click **Save & Restart** to restart the wireless router and activate the settings.

Save & Restart

Save&Restart will save all setting you have changed to ASUS Wireless Router and restart it. Please click **SaveRestart** button to continue.

Save&Restart