

Network Load Balancing

Define virtual IP addresses to configure Network Load Balancing (NLB).

Virtual IP	Interface Type	Subnet	Address Type	In Use
10.80.16.222	Internal	255.255.252.0	IPv4	Yes
212.212.10.222	External	255.255.255.0	IPv4	Yes
212.212.10.223	External	255.255.255.0	IPv4	Yes
212.212.10.224	External	255.255.255.0	IPv4	Yes
212.212.10.114	External	255.255.255.0	IPv4	Yes

NLB mode:

Buttons: Add..., Edit..., Remove, Close

Microsoft Forefront Unified Access Gateway Management

File View Admin Messages Help

Forefront UAG

- HTTP Connections
- HTTPS Connections
- DirectAccess

Forefront Unified Access Gateway 2010

UAG DirectAccess

DirectAccess configuration last activated: Tuesday, June 21, 2011 12:32:54 PM

Read the UAG DirectAccess [deployment](#) and [planning](#) guides

Step 1

Clients and GPOs
[Learn more](#)

Select the groups of clients allowed to connect using DirectAccess.
[Edit](#)

Optional Settings:
[Client Connectivity Assistant \(On\)](#)

Internet

Step 2

DirectAccess Server
[Learn more](#)

Configure connectivity and security policies for the UAG DirectAccess Server.
[Edit](#)

Optional Settings:
[Two-Factor Authentication](#)
[Network Access Protection](#)
[Force Tunneling](#)
[Server Groups](#)

Internal Network

Step 3

Infrastructure Servers
[Learn more](#)

Define the infrastructure, authentication and management servers required for connectivity.
[Edit](#)

Step 4 (Optional)

End-to-End Access
[Learn more](#)

Set end-to-end authentication and encryption for traffic to selected application servers.
[Edit](#)

Click Apply Policy to apply the configuration, or click Export to save the configuration, and apply it later with PowerShell. Click Activate after applying the configuration.

Buttons: Apply Policy..., Export Policy..., Activate, Disable DirectAccess...

Message Time | Message Type | Message

Forefront Unified Access Gateway Activation Monitor

Refresh Options...

UAG Array Members

- UAG
- UAG2

Severity	Message
State	Validating configuration settings.
State	Starting activation.
Debugging	Locking the mutex [Global\FilterCfg\Mutex_crf].
Debugging	Locking the mutex [Global\FilterCfg\Mutex_portal].
Information	Configuring NLB settings.
Information	NLB settings were configured successfully.
Information	Configuring the firewall.
Debugging	Allowing outgoing TCP connection for 'trainer-dc.trainer.intem:80'.
Debugging	Allowing outgoing TCP connection for 'trainer-dc.trainer.intem:443'.
Debugging	Application 'RemoteApp' uses the 'localhost' address. No Forefront TMG rule will be added for this application.
Debugging	Application 'Remote Desktop Services' uses the 'localhost' address. No Forefront TMG rule will be added for this application.
Debugging	Application 'MSTSC' uses the 'localhost' address. No Forefront TMG rule will be added for this application.
Debugging	Application 'File Access' uses the 'localhost' address. No Forefront TMG rule will be added for this application.
Debugging	Application 'Certified Endpoint Enrollment' uses the 'localhost' address. No Forefront TMG rule will be added for this application.
Debugging	Adding Forefront TMG rule for File Access.
Debugging	Allowing outgoing TCP connection for 'trainer-dc:'.
Debugging	Allowing incoming TCP connection for port:'50002'.
Debugging	Allowing outgoing TCP connection for '10.80.16.79:50002'.
Debugging	Allowing outgoing TCP connection for '10.0.0.1:50002'.
Debugging	Allowing outgoing TCP connection for '212.212.10.100:50002'.
Debugging	Allowing outgoing TCP connection for '10.80.16.222:50002'.
Debugging	Allowing outgoing TCP connection for '212.212.10.114:50002'.
Debugging	Allowing outgoing TCP connection for '212.212.10.222:50002'.
Debugging	Allowing outgoing TCP connection for '212.212.10.223:50002'.
Debugging	Allowing outgoing TCP connection for '212.212.10.224:50002'.
Debugging	Allowing outgoing TCP connection for '10.0.0.2:50002'.
Information	The firewall was configured successfully.
Information	Configuring SSL Network Tunneling (SSTP).
Information	The SSL Network Tunneling (SSTP) settings were configured successfully.
Information	The Network Connector service was stopped successfully.
Information	Activating Network Connector.
State	Writing the configuration files.
Debugging	Writing the file [C:\Program Files\Microsoft Forefront Unified Access Gateway\won\conf\Reporter.xml].
Debugging	Writing the file [C:\Program Files\Microsoft Forefront Unified Access Gateway\won\conf\Repository.xml].
Debugging	Writing the file [C:\Program Files\Microsoft Forefront Unified Access Gateway\won\conf\Role.xml].
Debugging	Writing the machine file [10.80.16.79] to the link Availability file.

Network Load Balancing Manager

File Cluster Host Options Help

Network Load Balancing Clusters

- Internal (10.80.16.222)
 - UAG(INTERNAL)
- External (212.212.10.222)
 - UAG(EXTERNAL)

Cluster configuration for all known NLB clusters			
Cluster name	Cluster IP address	Cluster IP subnet mask	Cluster mode
Internal	10.80.16.222	255.255.252.0	multicast
External	212.212.10.222	255.255.255.0	multicast

Log Entry	Date	Time	Cluster	Host	Description
0001	21.06.2011	12:35:32			NLB Manager session started
0002	21.06.2011	12:35:32			Loading locally bound instances



