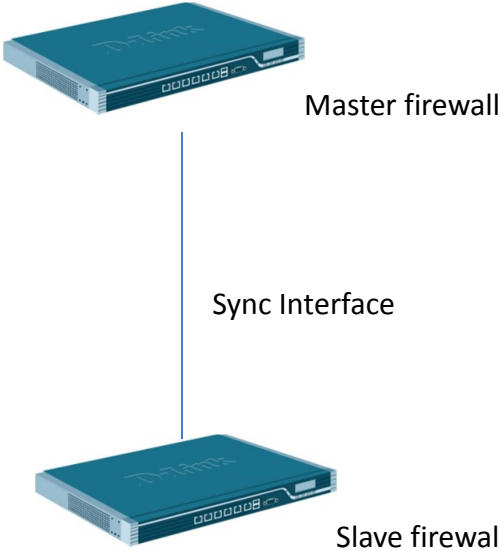


How to setup HA on the DFL-1660

This example provides a step-by-step guide for setting up an HA cluster.



Setup master DFL-firewall

(1) Disable "DHCP client" function.

#	Name	IP address	Network	Default Gateway	Enable DHCP Client
1	wan1	wan1_ip	wan1net	wan1_gw	No
2	wan2	wan2_ip	wan2net		No
3	dmz	dmz_ip	dmznet		No
4	lan1	lan1_ip	lan1net		No
5	lan2	lan2_ip	lan2net		No
6	lan3	lan3_ip	lan3net		No

(2) Create new HA interface. You need to type master and slave HA IP address.

#	Name	Address	User Auth Groups
1	InterfaceAddresses		
2	all-nets	0.0.0.0/0	
3	wan1-ha	10.10.10.200 (10.10.10.201)	
4	wan2-ha	192.168.120.200 (192.168.120.201)	
5	DMZ-ha	172.17.100.200 (172.17.100.201)	
6	lan1-ha	192.168.10.200 (192.168.10.201)	
7	lan2-ha	192.168.20.200 (192.168.20.201)	
8	lan3-ha	192.168.30.200 (192.168.30.201)	

General

Use an IP4 HA Address item to define a name for a specific IP4 host, network or range for each node in a high availability cluster.

General

Name: wan1-ha

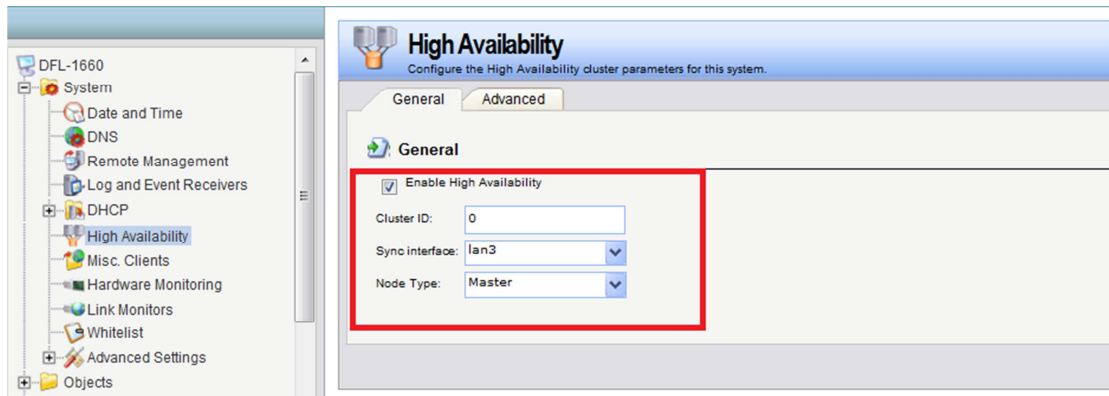
Master IP Address: 10.10.10.200

Slave IP Address: 10.10.10.201

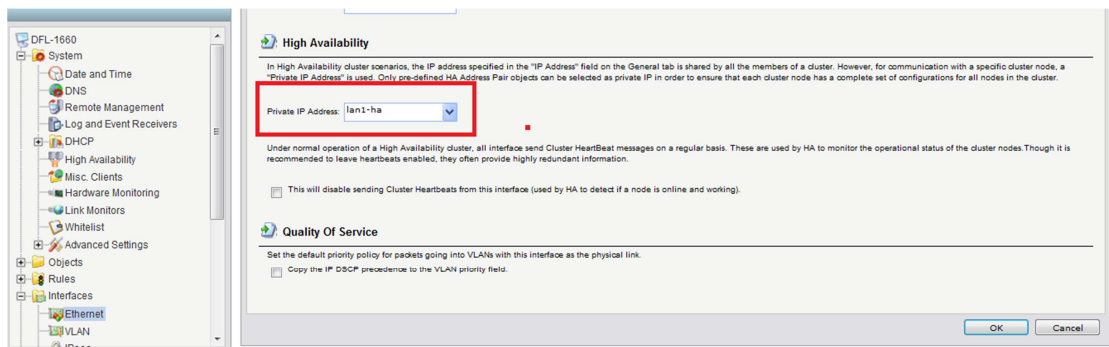
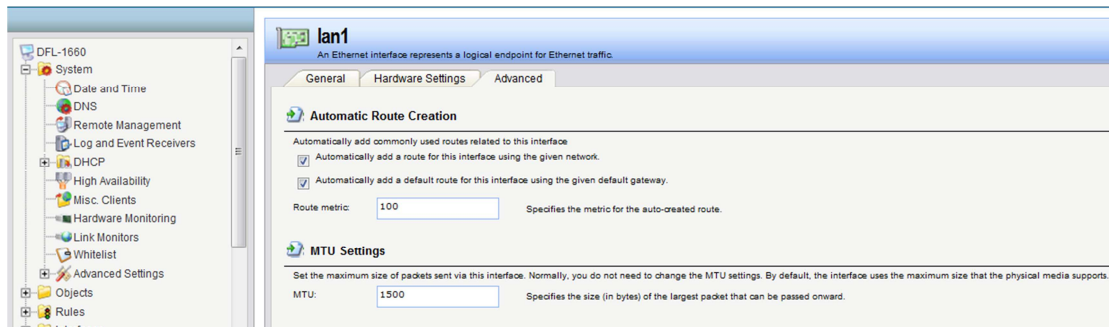
Comments

Comments:

(3) I choose LAN3 to do a “Sync interface”.



(4) Go to Interface > Ethernet > Advanced. For each interface and set the “High Availability”, “Private IP Address” field to be the name of the “IP4 HA Address” object created previously for the interface.



Setup slave DFL-firewall

(1) Disable "DHCP client" function.

The screenshot shows the 'Ethernet' configuration page. The table below lists the interfaces and their DHCP client status:

#	Name	IP address	Network	Default Gateway	Enable DHCP Client
1	wan1	wan1_ip	wan1net	wan1_gw	No
2	wan2	wan2_ip	wan2net		No
3	dmz	dmz_ip	dmznet		No
4	lan1	lan1_ip	lan1net		No
5	lan2	lan2_ip	lan2net		No
6	lan3	lan3_ip	lan3net		No

(2) Create new HA interface. You need to type master and slave HA IP address.

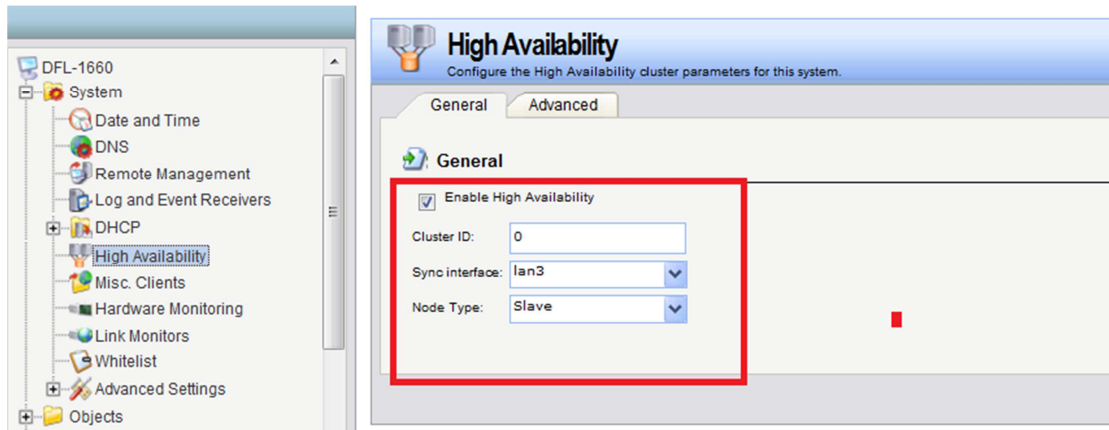
The screenshot shows the 'Address Book' configuration page. The table below lists the entries:

#	Name	Address	User Auth Groups	Comments
1	InterfaceAddresses			
2	all-nets	0.0.0.0/0		All possible networks
3	wan1-ha	10.10.10.201 (10.10.10.200)		
4	wan2-ha	192.168.120.201 (192.168.120.200)		
5	DMZ-ha	172.17.100.201 (172.17.100.200)		
6	lan1-ha	192.168.10.201 (192.168.10.200)		
7	lan2-ha	192.168.20.201 (192.168.20.200)		
8	lan3-ha	192.168.30.201 (192.168.30.200)		

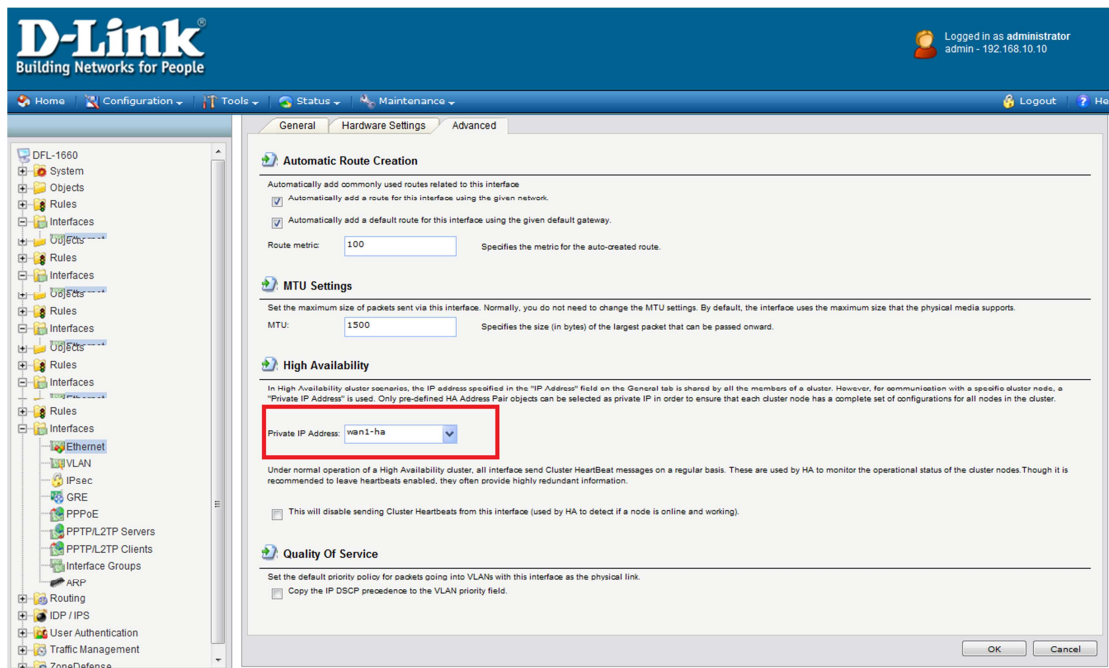
The screenshot shows the 'wan1-ha' configuration page. The 'General' tab is selected, and the 'Master IP Address' and 'Slave IP Address' fields are highlighted with a red box.

Master IP Address: 10.10.10.200
Slave IP Address: 10.10.10.201

(3) I choose LAN3 to do a “Sync interface”.



(4) Go to Interface > Ethernet > Advanced. For each interface and set the “High Availability”, “Private IP Address” field to be the name of the “IP4 HA Address” object created previously for the interface.



End of document.