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.

GFL-1660 ⊕-@ System			Configure the settings for the	Ethernet adapters in the sys	stem.			
		#	Nam	ne If	P address	Network	Default Gateway	Enable DHCP Client
E-G Interfaces		1	150 v	wan1	wan1_ip	🗟 wan1net	🗟 wan1_gw	No
Ethernet		2	<u></u>	wan2	wan2_ip	😡 wan2net		No
		3	<u></u>	dmz 🤘	dmz_ip	🗟 dmznet		No
😚 IPsec		4	<u></u>	an1 🤘	lan1_ip	🗟 lan1net		No
	-	5	53	an2	lan2_ip	🗟 lan2net		No
- te PPoE	-	6	53	an3	lan3_ip	😼 lan3net		No
PPTP/L2TP Servers PPTP/L2TP Clients Interface Groups ARP								(1) Right-dia

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

		Address Book			
😪 DFL-1660		The Address Book contains s	ymbolic names for various types of a	addresses, including IP networks and Ethernet MAC ad	dresses.
System					
Dijects	2	Add 🚽			
E Address Book	_				
InterfaceAddresses	#		Name	Address	User Auth Groups
ALG with AV/WCF	1		InterfaceAddresse	S	
Services	2		all-nets	0.0.0.0/0	
IP Pools	3		🤤 wan1-ha	10.10.10.200 (10.10.10.201)	
MAT Pools	4		😨 wan2-ha	192.168.120.200 (192.168.120.201)	
Schedules	5		🖳 DMZ-ha	172.17.100.200 (172.17.100.20	1)
Authentication Objects	6		😨 lan1-ha	192.168.10.200 (192.168.10.20	1)
VPN Objects	7		😨 lan2-ha	192.168.20.200 (192.168.20.20	1)
HTTP Banner Files	8		💭 lan3-ha	192.168.30.200 (192.168.30.20	1)
Rules					
Ethornot					
and the state					
DFL-1660 B System DFL-200 Objects D System D System	Î	wan1-ha Use an IP4 HA Add General	ress item to define a name for a	specific IP4 host, network or range for each node	n a high availability cluster.
ALG with AV/WCF Services NAT Pools NAT Pools Schedules Authentication Objects	E	Name: wan Master IP Address: 10.1 Slave IP Address: 10.1 Comments:	1-ha 0.10.200 ♥ 0.10.201 ♥		
HTTP Banner Files					

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

DFL-1660	High Availability Configure the High Availability cluster parameters for this system.						
System	General Advanced						
Date and Time							
DNS	🛃 General						
Remote Management							
Log and Event Receivers	Enable High Availability						
⊕ → [] DHCP	Cluster ID: 0						
High Availability							
- 19 Misc. Clients	Sync Intertade: hans						
Hardware Monitoring	Node Type: Master 🗸						
Whitelist							
庄 🚿 Advanced Settings							

(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.

DFL-1660	An Ethemet interface represents a logical endpoint for Ethemet traffic. General Hardware Settings Advanced Automatic Route Creation
Clog and Event Receivers Constant Receivers	Automatically add commonly used routes related to this interface Image: Automatically add a route for this interface using the given network. Image: Automatically add a default route for this interface using the given default gateway. Route metric: 100 Specifies the metric for the auto-preated route.
Whitelist Advanced Settings Objects	Intro Settings Set the maximum size of padets sent via this interface. Normally, you do not need to change the MTU settings. By default, the interface uses the maximum size that the physical media supports. MTU: 1500 Specifies the size (in bytes) of the largest padet that can be passed onward.



Setup slave DFL-firewall

(1) Disable "DHCP client" function.

😚 Home 🛛 📉 Configuration 🗸 🗌	₩Т Тоо	ls 🗸 📔 👩 Status	🗸 🔌 Maintenance 🗸	🗟 Setup Wizard			
DFL-1660		Configure t	let he settings for the Ethernet adapte	rs in the system.			
Objects Pules		# -	Name 💌	TP address 💌	Network -	Default Gateway	Enable DHCP Client
E Interfaces		1	wan1	wan1_ip	😡 wan1net	wan1_gw	No
Ethernet		2	wan2	🤤 wan2_ip	🦁 wan2net		No
VLAN		3	🔝 dmz	😌 dmz_ip	😌 dmznet		No
😚 IPsec		4	🛐 lan1	🗟 lan1_ip	😌 lan1net		No
	-	5	Isd lan2	🗟 lan2_ip	😔 lan2net		No
	=	6	Isa lan3	🖁 lan3_ip	🗟 lan3net		No
PTP/L2TP Servers PTP/L2TP Clients Interface Groups				·	·		(1) Right-dick

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

	Address E	Book				
G DFL-1660	The Address Book	k contains symbolic names	for various types of addresses	including IP networks and Ethernet MAC ad	dresses.	
D C Objects						
Address Pook	Add 🗸					
	1	Name	-	Address	User Auth Groups -	Comments -
ALC with AV/WCE	1	inalite	terfaceAddresses	Address	User Auth Groups V	comments v
Services	2		-nets	0.0.0.0/0		All possible petworks
	3	T wz	an1-ha	10 10 10 201 (10 10 10 200)		All possible networks
NAT Pools				192.168.120.201		
Schedules	4	199 W	3112-11d	(192.168.120.200)		
	5	yeg Di	MZ-ha	172.17.100.201 (172.17.100.20)	0)	
🗊 💭 VPN Objects	6	yę lai	n1-ha	192.168.10.201 (192.168.10.20)	0)	
HTTP Banner Files	7	ye lai	n2-ha	192.168.20.201 (192.168.20.20)	0)	
🗷 🧯 Rules	8	yę lai	n3-ha	192.168.30.201 (192.168.30.20)	0)	
E- 🔂 Interfaces						Right-dick on a row for additional options
I Ethernet						
		b word k				
		wani-r	la			
GDFL-1660		Use an IP4 I	HA Address item to de	fine a name for a specific IP4 ho	ost, network or range for ea	ch node in a high availability cluster.
连 🧑 System		Constal				
Diects		General				
- Caddrees Deek						
Address Book		🔊 General				
InterfaceAddresses						
ALC with AV/WCF		Name:	wan1-ha			
	E	-				
Services		Master IP Address	10.10.10.200	~		
IP Pools						
		Blave IP Address:	10.10.10.201	~		
NAT POOIS						
Schedules		-				
		刘 Comments	;			
IN PN Objects						
		Comments:				
HTTP Banner Files						
庄 🧃 Rules						
Ethernet						
WI VLAN						

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

DFL-1660	High Availability Configure the High Availability cluster parameters for this system.
Date and Time	General Advanced
	S Conoral
	Celleral
- Cog and Event Receivers	Enable High Availability
DHCP	Cluster ID: 0
High Availability	
	Sync interface: Ian3
	Node Type: Slave
- G Whitelist	
🗄 🚿 Advanced Settings	
⊕ 📁 Objects	

(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.

D-Link Building Networks for People		Logged in as administrator admin - 192.168.10.10
😵 Home 🛛 📉 Configuration 🗸 🛛 🎢 Tools -	🛛 🧟 Status 🗸 🛛 💑 Maintenance 🗸	😚 Logout 🔰 👔 🕯
PFL-1860 System Objects O		hat the physical media supports.
IDP / IPS G User Authentication Traffic Management		OK Cancel

End of document.