

Overview:

Starting with MWG version 8.2, McAfee introduced a new HAProxy feature. This makes manual changes mandatory if you update from an older version that is using mfen. This article is to show a simple example configuration for Proxy HA mode.

HAProxy support for ICAP Proxy was introduced with following MWG versions: 8.2.12, 9.2.3, 10.0. The configuration for ICAP is the same as for HTTP.

Action plan:

- Upgrade or install latest main version
- Perform configuration changes as indicated below
- In case of any failures, create a Service Request and provide:

-feedback file

-short description about used interfaces and their need (in-/outbound, IP addresses)

Example Proxy HA configuration

This is a config example to create a proxy HA cluster with 2 MWG's.

Interfaces:

MWG1 eth0: 10.116.40.3

MWG2 eth0: 10.116.40.4

MWG1 Configuration:

Scanners table: 10.116.40.4 (type: Peer Director), 10.116.40.3 (type: Scanner)

Director priority: 90

VIP: 10.116.40.5/32

VRRP: eth0

HTTP: 10.116.40.3:9090 (in general, bind management IP address to every port you want to configure)

FTP (if enabled): 10.116.40.3:2121

MWG2 Configuration:

Scanners table: 10.116.40.3 (type: Peer Director), 10.116.40.4 (type: Scanner)

Director priority: 50

VIP: 10.116.40.5/32

VRRP: eth0

HTTP: 10.116.40.4:9090 (in general, bind management IP address to every port you want to configure)

FTP (if enabled): 10.116.40.4:2121

Test HA feature from GUI on the active director:

"Troubleshooting" > "Network tools" > type in parameter "all" > choose "hastats".

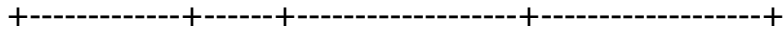
Output on active director:

hastats all :

Mode: Active Director

HTTP - IPv4

```
+-----+-----+-----+-----+
| Server  |Status|Sessions per Second|Cumulative Sessions|
+-----+-----+-----+-----+
|10.116.40.4 | UP | 0 | 0 |
+-----+-----+-----+-----+
|10.116.40.3 | UP | 0 | 0 |
```



FTP not configured

If you run the test on redundant director, it will only say to run this command on active director.

NOTES:

- We highly recommend to use a /32 subnet mask for any VIP address
- You can configure multiple VIPs. At least one needs to be on the same interface as the VRRP.
- Director priority =0 = scanning only node
- Director priority >0 = possible director node
- If you want to configure a scanning-only machine, set director priority to =0 and most options will automatically grey out.
- In this case you MUST change the HTTP listener from 10.116.40.3:9090 back to 0.0.0.0:9090 (same for any other active listener)

Labels : Web Gateway

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