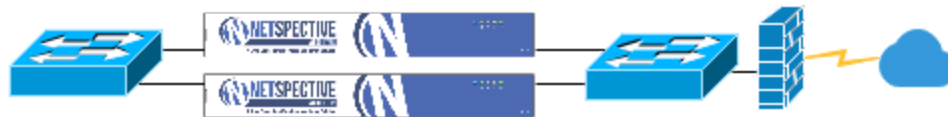


NetSpective WebFilter - EtherChannel and LACP

You can deploy NetSpective across Ethernet links that are logically aggregated using EtherChannel or IEEE 802.3ad. These links use protocols such as Cisco Port Aggregation Protocol (PAgP) or the IEEE Link Aggregation Control Protocol (LACP) to negotiate how multiple physical links are bundled into a single logical link. The NetSpective passes through negotiation protocols without participating in them.

The diagram below depicts two NetSpective appliances in a parallel configuration on a two-port EtherChannel. The 10 Gig interfaces do not require an IP address on either end of the inline bridge. A separate 1 Gbps Admin interface on ETH 0 is the only interface that will require an IP address. The NetSpective supports the port channel or channels through all of its available interfaces, including the two 10 Gbps in-path interfaces, or up to five 1 Gbps interfaces. All links within the port channel must pass through a NetSpective appliance.



Note: A User may appear on both NetSpective's log files. Use NetAuditor to view a user's full traffic log.

Below is an excerpt from [Cisco's documentation](#) on [configuring an EtherChannel in Load Balancing](#).

	Command	Purpose
Step 1	Router(config)# port-channel per-module load-balance	(Optional) Enables the ability to specify the load-balancing method on a per-module basis.
Step 2	Router(config)# port-channel load-balance { src-mac dst-mac src-dst-mac src-ip dst-ip src-dst-ip src-port dst-port src-dst-port } [module slot]	Configures the EtherChannel load-balancing method. The method is globally applied to all port channels. Optionally, you can configure the load-balancing method for a specific module. The default method is src-dst-ip.
	Router(config)# no port-channel load-balance	Reverts to default EtherChannel load balancing.
Step 3	Router(config)# end	Exits configuration mode.
Step 4	Router# show etherchannel load-balance	Verifies the configuration.

To ensure all packets in a TCP session cross only one appliance, the acceptable EtherChannel load balance methods may be src-ip, src-dst-ip, src-dst-port. For the best load balance distribution, we recommend src-dst-port.

```
Router# configure terminal
Router(config) # port-channel load-balance src-dst-port
Router(config) # end
```