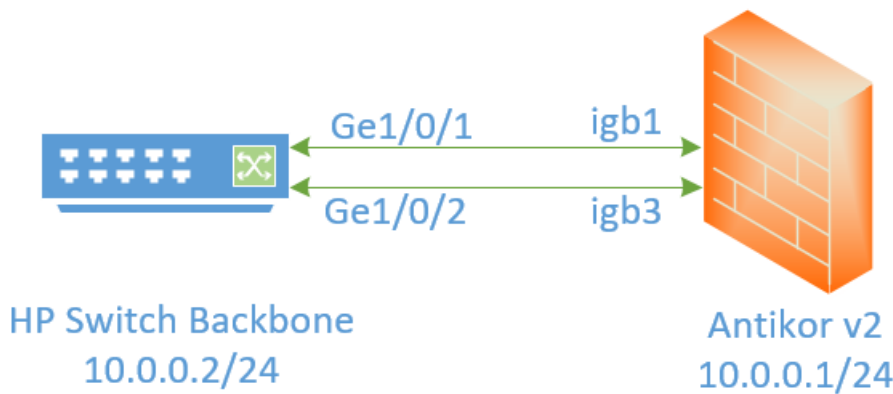# epati

HP LACP Configuration

Product: Antikor v2 - Next Generation Firewall

Configuration Examples

HP LACP Configuration

Summary

For Antikor lan line, 2 piece 1GBit/sn load-balanced and will serve as a backup. 3Com switch is working as a backbone. **Link Aggregation Control Protocol (LACP) :** It is a protocol that enables simultaneous operation of multiple uplinks to provide higher bandwidth and redundant connection between two switches.

Network Topology

Configuration

The ethernet ports to be merged into the Member Ethernet area are entered.

Virtual Ethernet - Aggregation - New Record ✕

Name	It will be automatically generated
Member Ethernet	igb1 ✕ igb3 ✕
Virtual Ethernet Type	Link Aggregation - LACP ▼
Description	For LAN

⊘ Cancel   💾 Save

Virtual Ethernet - Aggregation   ⟳ Reload ＋Add

XLS CSV PDF   ▼ Filter ✎ Clear

#	Name	Virtual Ethernet Type	Member Ethernet	Description	Transactions
1	Virtual	Link Aggregation - LACP	igb1 igb3	For LAN	☑ Edit 🗑 Delete

« ‹ 1 › »

```
ProCurve# interface Bridge-Aggregation 1
ProCurve# quit

ProCurve# interface GigabitEthernet 1/0/1
ProCurve# port link-aggregation group 1
ProCurve# quit

ProCurve# interface GigabitEthernet 1/0/2
ProCurve# port link-aggregation group 1
ProCurve# quit

ProCurve# interface Bridge-Aggregation 1
ProCurve# port link-type trunk
ProCurve# quit
```

Testing

To check LACP settings on the HP Switch side the used command "display link-aggregation verbose"

```
Loadsharing Type: Shar -- Loadsharing, NonS -- Non-Loadsharing
Port Status: S -- Selected, U -- Unselected, I -- Individual
Flags:  A -- LACP_Activity, B -- LACP_Timeout, C -- Aggregation,
D -- Synchronization, E -- Collecting, F -- Distributing,
G -- Defaulted, H -- Expired

Aggregate Interface: Bridge-Aggregation1
Aggregation Mode: Static
Loadsharing Type: Shar
Port              Status  Priority Oper-Key
--------------------------------------------------------------------------------
GE1/0/1           S       32768    1
GE1/0/2           S       32768    1
```

For Antikor v2 LACP settings Antikor v2 LACP Configuration follow the documents.

Troubleshooting

Executing Command	Error Message	Solution Proposal
ping 10.0.0.1	— Ping statistics for 10.0.0.1 — 5 packets transmitted, 0 packets received, 100.0% packet loss	`display interface GigabitEthernet 1/0/1` with command the port make sure active.
		The port make sure it is not shutdown.
		On the Antikor v2 make sure apply settings.