



Alcatel LACP Configuration

Product: Antikor v2 - Next Generation Firewall
Configuration Examples

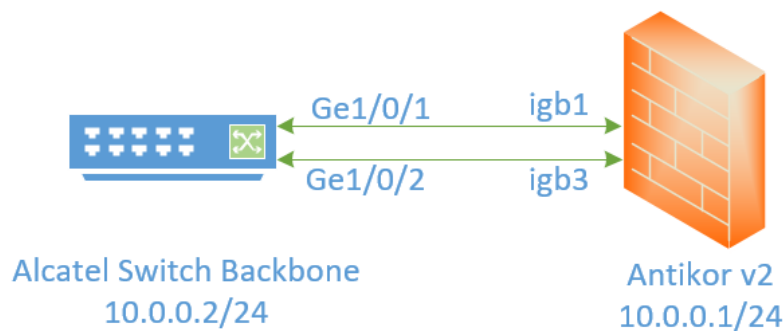
Alcatel LACP Configuration

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 Şeması



Configuration

The desired Ethernet ports are entered into the member Ethernet field.

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 Birleştirme - LACP	lgb1 lgb3	For LAN	Edit Delete

```

-> lacp linkagg 2 size 2 admin state enable

-> lacp linkagg 2 name "LACP 802.3ad to Antikor"
-> lacp linkagg 2 actor admin key 2
-> lacp agg 1/3 actor admin key 2
-> lacp agg 1/3 partner admin key 2
-> lacp agg 2/3 actor admin key 2
-> lacp agg 2/3 partner admin key 2

```

Antikor

The necessary VLANs and Routing operations were performed on the Antikor side.

Testing

The “show linkagg agg 2” command is used to check the LACP settings.

```

-> show linkagg agg 2
Dynamic Aggregate
  SNMP Id      : 40000002,
  Aggregate Number : 2,
  SNMP Descriptor : Dynamic Aggregate Number 2 ref 40000002 size 8,
  Name         : ,
  Admin State    : ENABLED,
  Operational State : UP,
  Aggregate Size : 8,
  Number of Selected Ports : 8,
  Number of Reserved Ports : 8,
  Number of Attached Ports : 8,
  Primary Port   : 1/1,
LACP
  MACAddress    : [00:1f:cc:00:00:00],
  Actor System Id : [00:20:da:81:d5:b0],
  Actor System Priority : 0,
  Actor Admin Key : 5,
  Actor Oper Key  : 0,
  Partner System Id : [00:20:da:81:d5:b1],
  Partner System Priority : 0,
  Partner Admin Key : 5,
  Partner Oper Key  : 0

```

For Antikor v2 LACP settings [Antikor v2 LACP Configuration](#) follow the documents.

Troubleshooting

Running Command	Error Message	Solution Suggestion
ping 10.0.0.1	— Ping statistics for 10.0.0.1 —Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),	The “show interface port1/1” command is used to check the port active/passive.
		Make sure the port is not shutdown.
		Make sure the apply changes.

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