

PowerC

V2.12


**PRTG
NETWORK
MONITOR**

PowerSens

 LACP Port-channel sensor

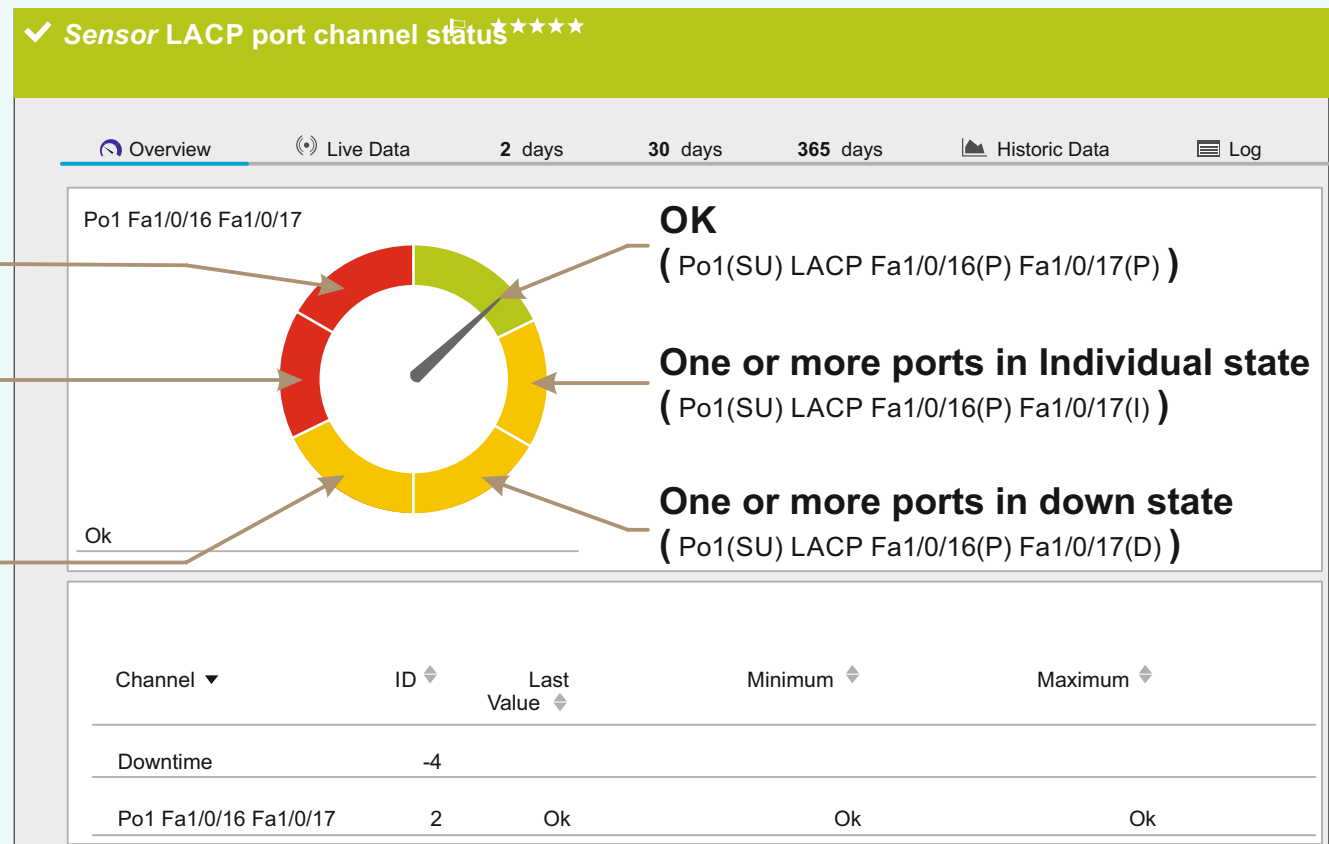
lacpportstate

Description

All ports in Individual state
(Po1(SD) LACP Fa1/0/16(I) Fa1/0/17(I))

All ports is Down
(link down or suspend
Po1(SD) LACP Fa1/0/16(D) Fa1/0/17(D))

Port channel
Administratively down
(interface Po1
shutdown)



lacpportstate

Cisco IOS configuration

1. Configure SNMP on Cisco IOS

Cisco IOS configuration , example:

```
snmp-server view SNMPv3-W iso included
snmp-server group SNMPv3-NG v3 priv read SNMPv3-W
snmp-server user SBNPv3-U SNMPv3-NG v3 auth sha snmpkey123 priv aes 128 snmpkey123
snmp-server host inside 192.168.0.2 version 3 SNMPU
```

Where **192.168.0.2** IP address of PRTG probe
snmpkey123 is auth and priv key (must be same)

At first time, sensor discover all Port-channels (in LACP mode)
Then create channel for each LACP Port-channel port.

lacpportstate

Settings

1. Copy file **lacpportstate.exe** to \PRTG Network Monitor\Custom Sensors\EXEXML folder
2. Copy files lacpportstate.ovl to \PRTG Network Monitor\lookups\custom folder
3. Go to **PRTG->Setup->System Administration->Administrative Tools for the Core Server** and click **Load Lookups and File Lists**
4. In devices settings add credentials for Linux/Solaris/Mac OS.
Login must be snmp v3 User, password must be auth and priv key
5. Add **EXE/Script Advanced sensor**, in dropdown list, select **lacpportstate.exe**
6. Parameters must be: **-u %linuxuser -a sha -ap %linuxpassword -x aes -xp %linuxpassword -h %host**

Device settings

Credentials for Linux/Solaris/Mac OS (SSH/WBEM) Systems



User **Username (SNMP v3 User)**

Login ☒ Login via Password

☐ Login via Private Key

Password **Password (auth and priv key)**

Sensor settings

Basic Sensor Settings

Sensor Name _____

Sensor Settings



EXE script *asafailoverstatus.exe*

Parameters **-u %linuxuser -a sha -ap %linuxpassword -x aes -xp %linuxpassword -h %host**

More information

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