

AOS License File Installation

If there is no correct license file installed, all switch ports will be disabled and unable to be link-up. The following command can be used for checking the link-down reason.

```
Console#show interfaces status ethernet 1/2
Information of Eth 1/2
Basic Information:
  Port Type           : 1000BASE SFP
  MAC Address         : 70-72-CF-EB-9C-E6
Configuration:
  Port Admin          : Up
  Speed-duplex        : 1000full
  Capabilities        : 1000full
  Broadcast Storm     : Enabled
  Broadcast Storm Limit : 500 packets/second
  Multicast Storm     : Disabled
  Multicast Storm Limit : 500 packets/second
  Unknown Unicast Storm : Disabled
  Unknown Unicast Storm Limit : 500 packets/second
  Flow Control        : Disabled
  LACP                : Disabled
  MAC Learning        : Enabled
  Link-up-down Trap   : Enabled
  Media Type          : None
  MTU                 : 1518
Current Status:
  Link Status         : Down
  Link Down Reason    : Invalid License or Trial License
  Operation Speed-duplex : 1000full
  Flow Control Type   : None
  Max Frame Size      : 1522 bytes (1522 bytes for tagged frames)
  MAC Learning Status : Enabled
```

Please follow the steps below to install license file.

Step 1. Confirm the device MAC address.

```
Console#show system
System Description : AOS5700-54X
System OID String : 1.3.6.1.4.1.259.12.1.2.101
System Information
  System Up Time       : 0 days, 2 hours, 13 minutes, and 1.19 seconds
  System Name         :
  System Location     :
  System Contact      :
  MAC Address (Unit 1) : 70-72-CF-EB-9C-E4
  Web Server          : Enabled
  Web Server Port     : 80
  Web Secure Server   : Enabled
  Web Secure Server Port : 443
  Telnet Server       : Enabled
  Telnet Server Port  : 23
  Jumbo Frame        : Disabled
```

Step 2. Configure management IP on craft port.

```
Console#configure
Console(config)#interface craft
Console(config-if)#ip address 192.168.0.200 255.255.255.0
Console(config-if)#end
Console#
```

Step 3. Download the corresponding license file according to device MAC address. Switch port will be automatically activated within 2 minutes after successful installation.

```
User Access Verification
Console#copy tftp file
TFTP server IP address: 192.168.0.102
Choose file type:
  1. config; 2. opcode; 3. license: 3
Source file name: 7072CFEB9CE4.lic
Flash programming started.
Flash programming completed.
Success.
```

Retrieve the information of current installed license file.

```
Console#show license file
aos-license/1.0
Name: Accton
CPU-MAC-Address: 70-72-CF-EB-9C-E4
Project-Number: AOS5700-54X
License-Number: efa5d225-b17a-466d-9472-7cb0cbd3dc47
License-Issue-Date: Wed Mar 18 02:50:51 2015
License-Valid-Start-Date: Sun Mar 1 00:00:00 2015
License-Valid-End-Date: Thu Mar 31 23:59:59 2016
License-Access-List: gf5zGdtiN8WPasgQEPBm7alfqTRCdCEvISxJiD5grfFn72y25U4P+sHp8Qp
h+0Edx9RyicBYiPbqF/YQhrghA28cpdL7eJdpIWWfK0PPmQZ1CpxYi8mCP+DyDPu+QQCqDAahdhKFW6p
DoBhiZ+IPzHtm64V8WBktyQVmnvFCIqFDt9XcL/en2CwsmcT2RfI jgJCHxRJ2eu/m/+XUJ1cADN6KN21
fzdT3o21ijBlAXWU=
Signature1: MKF3PtKmFi9ecmj9CHdY7lwOYm2zyVcWPPoUYV5zUT9caWhwq4LmdX+e8NeOE3wHc3nb
5XmbCyWz9QdHl9F97SnHZDXePx8A0Zw8lU58V0+0JkO/XpEBSPW865vhYXuoWk6j3KY+QoWGRap9/1QY
agXj4bb4Svo7hUDYMH5/BnYceyXtg9/4tvufyWXLdWHmxKjs8JcSpNv1ILxBzay9V0EOyjZ3AxpAK8L/
MbE82R/AuP7ZCGjd3V+DRTvCZS39sglblJdV98apUB/qzt7v52HpGK/+YjMJMcCvpEwGmk0szxBSjjkl
Xfnf8Av/g1swRF/tIq/rv+pB5xLCbVWZqA==
Signature2: LucHWZt/ujz57zbLdxAYhApDMJSQ1OsOE//AhE7SU667jf5owWg7b/GQ35CW7qVIHOif
tebQvfz39PNB2rE5TQHP+5GY/xev+RgNUNpaw2BiovtO7tx3y/0GYXrhJbOeAO8lOadrpkOwrulkI1Py
UQ31jXV6XHHEN4Y5CdSzsLaKcQqoANWGzMgdZSA54d7xVtonhLsiBfG21ThPT03V89aBgmPZ6X3q4rIb
dhqM1pw09yxDIgnJ8+1jBjmTzTrzTTkp+lh0+wZEc7LDYLcwlxsF1ZU7/tRmIRm5nYDuJvd6URZ1mkeV
2WuAyYYZaSRMHLcRREpu6D2ozq/BrJb4lQ==
```