

FAQ Orion A10E/A18E/A28E/A28F

Orion Networks.

-
- [boot](#)
-
- [ip- MAC- \(IMPB D-link\)](#)
-
- [SFP 100/](#)
-

:

```
Alpha-A28E#sh ver
Network Operating System
Copyright © 2006-2013 Orion Networks International, Inc.
Product name: Alpha-A28E
NOS Version NOS_4.14.1967.Alpha-A28E.002.20140619.(Compiled Jun 19 2014, 15:54:24)
Support ipv6: YES
Bootstrap Version Bootstrap_3.1.7.Alpha-A28E.1.20140402
FPGA Version
Hardware Alpha-A28E. Version Rev.A.3
```

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```
Alpha-A28E#download system-boot tftp 192.168.1.1 NOS_4.14.1967.A28E-revA-6.002.20140626
Waiting...Start
Getting from source ...Done
Writing to destination...Size 4515K / 4515K
Success!
```

```
Alpha-A28E#reboot
Please input 'yes' to confirm:yes
Rebooting ...
```

boot

:

```
begin...
ram size: 64M DDR testing...done
File System Version:1.0
Init flash ...Done
Bootstrap_3.1.7.Alpha-A28E.1.20140402, Orion Networks Compiled Apr 2 2014, 12:14:31
Base Ethernet MAC address: f8:f0:82:71:0c:1a
Press space into Bootstrap menu...
6
```

boot

[Alpha-A28E]:

T, ,IP FTP, - FTP (wrs/wrs) .(A28F boot 1000 /):

```
[Alpha-A28E]: T
dev name:et
unit num:0
file name:system_boot.Z
local ip:192.168.1.1
server ip:192.168.1.2
user:wrs
password:wrs
Attached TCP/IP interface to et0.
```

, :

```
Alpha-A28E#dir
Size      Date      Time      Name
-----
4622866   Dec-31-1999 18:07:52 system_boot.Z
  101     Dec-31-1979 18:00:34 bootpams.cfg
  148     Dec-31-1999 18:50:56 usertable.conf
  906     Dec-31-1999 18:50:59 startup_config.conf
   46     Feb-07-2106 03:54:01 system.conf
```

.

```
Alpha-A28E#erase startup_config.conf
Please input 'yes' to confirm erase operation:y
Alpha-A28E#reboot
Please input 'yes' to confirm:yes
Rebooting ...
```

ip- MAC- (IMPB D-link)

, binding, :

```
ip verify source trust
```

,:

```
ip source binding ip- - port x
```

IP MAC :

```
ip verify source
```

:

```
Alpha-A28E#test cable-diagnostics port-list 23
Test on port 23 will affect link state and traffic
Test will take a few seconds to run on these ports.
Use 'show cable-diagnostics' to read the test results.
```

:

```
Alpha-A28E#show cable-diagnostics port-list 23
Port Attribute   Time                RX Stat RX Len(m) TX Stat TX Len(m)
-----
23   Issued      12/31/1999 18:05:28 Open      2      Open      2
```

SFP 100/

SFP 100mb/s, , :

```
sfp detect-mode force-100base-x
```

, DDM (Digital Diagnostic Monitoring), , :

```
transceiver digitaldiagnostic enable
```