
Enterasys[®] SecureStack[™] A2 Configuration QuickStart

1. Log in. Default username for login is **admin**, with no password.

```
Username:admin
Password:
```

2. Set the switch IP address, then show the configured IP address.

```
A2(su)->set ip address 192.168.224.123 mask 255.255.255.0 gateway 192.168.224.1
A2(su)->show ip address
Name           Address           Mask
-----
host           192.168.224.123  255.255.255.0
```

3. Save the active configuration manually. (The configuration will be saved each 10 minutes automatically.)

```
A2(su)->save config
Saving Configuration to stacking members
```

4. Enable SSH access, then show if SSH is enabled or disabled.

```
A2(su)->set ssh enabled
SSH hostkey generation initiated. Process should complete in 60 seconds.

A2(su)->show ssh
SSH Server status: Enabled
```

5. Disable Telnet inbound access, then show if TELNET is enabled or disabled.

```
A2(su)->set telnet disable inbound
A2(su)->show telnet
Telnet inbound is currently: DISABLED
Telnet outbound is currently: ENABLED
```

6. Disable HTTP / Webview management, then show if HTTP / Webview is enabled or disabled.

```
A2(su)->set webview disable
A2(su)->show webview
WebView is Disabled.
```

7. Configure a syslog server with an IP address, severity 6, and enable it. Then show syslog server settings and status.

```
A2(su)->set logging server 1 ip-addr 192.168.224.12 severity 6 state enable
A2(su)->show logging server
  IP Address  Facility  Severity  Description  Port  Status
-----
1 192.168.224.12  local4    notifications(6) default    514  enable
```

8. (Optional) Define the login banner on the switch login.

```
A2(su)->set banner motd "Welcome to Enterasys SecureStack A2"
```

-
9. Create a VLAN on the switch with vlan-ID 100.

Set the VLAN name for VLAN 100 called **testvlan**.

Configure the port ge.1.10-12 to VLAN 100 as untagged User Port.

Show the configured ingress port settings.

Show the static VLAN egress config for VLAN 100.

```
A2(su)->set vlan create 100
A2(su)->set vlan name 100 testvlan
A2(su)->set port vlan fe.1.10-12 100 modify-egress
```

```
A2(su)->show port vlan ge.1.10-12
fe.1.10 is set to 100
fe.1.11 is set to 100
fe.1.12 is set to 100
```

```
A2(su)->show vlan static 100
VLAN: 100          NAME: testvlan
VLAN Type: Permanent
Egress Ports
fe.1.10-12
Forbidden Egress Ports
None.
Untagged ports
fe.1.10-12
```

10. Show port active speed duplex settings on physical ports.

Show port auto-negotiation status.

```
A2(su)->show port status fe.1.1-2
```

Port	Alias (truncated)	Oper Status	Admin Status	Speed (bps)	Duplex	Type
fe.1.1		Up	Up	100.0M	full	BaseT RJ45
fe.1.2		Down	Up	N/A	N/A	BaseT RJ45

```
A2(su)->show port negotiation fe.1.1-2
auto-negotiation is enabled on port fe.1.1
auto-negotiation is enabled on port fe.1.2
```

11. Set the broadcast limit per port on fe.1.1-2 to 200 Packets/sec, then show the current broadcast limit per port.

```
A2(su)->set port broadcast fe.1.1-2 200
A2(su)->show port broadcast fe.1.1-3
```

Port	Total BC Packets	Threshold (pkts/s)
fe.1.1	172	200
fe.1.2	0	200
fe.1.3	0	14881

-
12. Disable SNMP port Up/Down traps for fe.1.1-2, then show the SNMP port Up/Down trap status. (By default, port traps are enabled.)

```
A2(su)->set port trap fe.1.1-2 disable
A2(su)->show port trap fe.1.1-3
Link traps disabled on port fe.1.1.
Link traps disabled on port fe.1.2.
Link traps enabled  on port fe.1.3.
```

13. Install new firmware to the switch via **copy tftp**.

Activate the new firmware with a reset.

```
A2(su)->copy tftp://192.168.224.11/a2-20088.flb system:image
TFTP code transfer starting
Verifying CRC of file in Flash File System
TFTP receive complete... storing in Flash File System...
File transfer operation completed successfully.
```

```
A2(su)->dir
Images:
=====
Filename:      a2-series_02.00.88
Version:       02.00.88
Size:          8132608 (bytes)
Date:          Fri Sep 21 14:19:48 2007
Checksum:      b66893ba86efe76aece5a61e0c02beb2
Compatibility: A2H124-24, A2H124-24P, A2H124-48, A2H124-48P, A2H124-24FX
                A2H254-16

Filename:      a2-series_02.00.59 (Active) (Boot)
Version:       02.00.59
Size:          8129536 (bytes)
Date:          Thu Jun  7 12:38:53 2007
Checksum:      a68db0db7e460e841bb6645c662d2ec3
Compatibility: A2H124-24, A2H124-24P, A2H124-48, A2H124-48P, A2H124-24FX
                A2H254-16
```

```
Files:                      Size
=====
configs:
logs:
current.log                  3345
```

```
A2(su)->set boot system a2-series_02.00.88
This command requires resetting the entire system.
Do you want to continue (y/n) [n]?y
```

```
Checking firmware versions on stacking members
Saving Configuration to stacking members
Resetting system ...
```

14. Verify switch model and current running software version.

```
A2(su)->show switch
```

	Management	Preconfig	Plugged-in	Switch	Code
Switch	Status	Model ID	Model ID	Status	Version
1	Mgmt Switch	A2H124-48	A2H124-48	OK	02.00.88

-
15. Change console idle timeout for CLI, Telnet, SSH, then show current console idle timeout.

```
A2(su)->set logout 20
A2(su)->show logout
Logout currently set to: 20 minutes.
```

16. Create a new local user for login, then show current local user with access rights and login state.

```
A2(su)->set system login NewAdminUser super-user enable password Enterasys
A2(su)->show system login
Password history size: 0
Password aging       : disabled
```

Username	Access	State
admin	super-user	enabled
ro	read-Only	enabled
rw	read-write	enabled
NewAdminUser	super-user	enabled

17. Configure a RADIUS server with IP address, password, and realm.

Enable the RADIUS server.

Show the RADIUS server settings and status.

```
A2(su)->set radius server 1 192.168.224.12 1812 enterasys realm network-access
A2(su)->set radius enable
A2(su)->show radius
RADIUS status:      Enabled
RADIUS retries:     3
RADIUS timeout:     20 seconds
RADIUS Server       IP Address      Auth-Port  Realm-Type
-----
1                   192.168.224.12  1812      network-access
```

18. (Optional) Enable MAC locking function on user ports, with a maximum of 2 users on the ports fe.1.1-2, then show the current MAC lock settings.

```
A2(su)->set maclock firstarrival fe.1.1-2 2
A2(su)->set maclock enable fe.1.1-2
A2(su)->set maclock enable
A2(su)->show maclock fe.1.1-3
MAC locking is globally enabled
```

Port Number	Port Status	Trap Status	Aging Status	Max Static Allocated	Max FirstArrival Allocated	Last Violating MAC Address
fe.1.1	enabled	disabled	disabled	20	2	00:00:00:00:00:00
fe.1.2	enabled	disabled	disabled	20	2	00:00:00:00:00:00
fe.1.3	disabled	disabled	disabled	20	600	00:00:00:00:00:00

Global Support

By Phone: 978-684-1000
1-800-872-8440 (toll free in U.S. and Canada)
For the Enterasys Networks Support toll-free number in your country:
<http://www.enterasys.com/services/support/contact/>

By Email: support@enterasys.com

By Web: <http://www.enterasys.com/support>

By Fax: 978-684-1499

By Mail: Enterasys Networks, Inc.
50 Minuteman Road
Andover, MA 01810 (USA)

Revision History

Revision	Date	Description
1.0	09-15-08	Initial release. Supports A2 firmware version 2.00.xx.

Enterasys Networks reserves the right to make changes in specifications and other information contained in this document and its web site without prior notice. The reader should in all cases consult Enterasys Networks to determine whether any such changes have been made.

The hardware, firmware, or software described in this document is subject to change without notice.

IN NO EVENT SHALL ENTERASYS NETWORKS BE LIABLE FOR ANY INCIDENTAL, INDIRECT, SPECIAL, OR CONSEQUENTIAL DAMAGES WHATSOEVER (INCLUDING BUT NOT LIMITED TO LOST PROFITS) ARISING OUT OF OR RELATED TO THIS DOCUMENT, WEB SITE, OR THE INFORMATION CONTAINED IN THEM, EVEN IF ENTERASYS NETWORKS HAS BEEN ADVISED OF, KNEW OF, OR SHOULD HAVE KNOWN OF, THE POSSIBILITY OF SUCH DAMAGES.

Enterasys Networks, Inc.
50 Minuteman Road
Andover, MA 01810

September 2008

© 2008 Enterasys Networks, Inc. All rights reserved.

ENTERASYS, ENTERASYS NETWORKS, ENTERASYS SECURE NETWORKS, SECURESTACK, ENTERASYS SECURESTACK, ENTERASYS MATRIX, and any logos associated therewith, are trademarks or registered trademarks of Enterasys Networks, Inc., in the United States and/or other countries. For a complete list of Enterasys trademarks, see <http://www.enterasys.com/company/trademarks.aspx>.

All other product names mentioned in this document may be trademarks or registered trademarks of their respective companies.