RELEASE NOTES:
Hardware Installation Guide

Alteon 180e™
10/100/1000 Mbps Web Switch

Alteon*Web*Systems
Web Speed for e-Business

Regulatory Compliance

FCC Class A Notice: This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1. This device may not cause harmful interference. 2. This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Do not make mechanical or electrical modifications to the equipment.

VCCI Class 1: The equipment is Type 1 Data Processing Equipment and is intended for use in commercial and industrial districts. It has been tested and found to comply with VCCI technical requirements for the purpose of protection against electronic interference. When used in residential districts or their peripheral areas, radio, and TV receiver units may be subject to radio interference. The operation should be done in accordance with the Instruction Manual.

CE Notice: The CE mark on this equipment indicates that this equipment meets or exceeds the following technical standards: EN50082-1, EN55022, EN60555-2, EN61000-4-1, EN61000-4-2, EN61000-4-3, EN61000-4-4, and EN61000-4-5.

Safety Information is included in the *Alteon 180 Hardware Installation Guide*.

Release Notes

These release notes provide the latest information regarding your Alteon 180e with WebOS software. This supplement modifies information found in the complete documentation:

- *WebOS Release 5.2 User's Guide* (part number 050044, Revision B)
- *WebOS 6.0 Release Supplement* (part number 050056, Revision B)
- *Alteon 180 Hardware Installation Guide* (part number 050009, Revision B)

Please keep this information with your Alteon WebSystems product manuals.

Alteon 180e Extended Session Capacity

In addition to the features found in the accompanying *Alteon 180 Hardware Installation Guide,* the Alteon 180e provides extended session capacity. Each port has between two to four times the session memory as the original ACEswitch 180.

Gigabit Ethernet Link Negotiation

The Alteon 180e conforms to the IEEE 802.3z standard for Gigabit Link Autonegotiation. Although this product conforms to the standard, it may not autonegotiate gigabit link with early versions of Alteon WebSystems' ACEnic and switch software, or early, non-compliant versions of other vendors' equipment.

For autonegotiation to work properly, make sure that connected Alteon WebSystems equipment has the following release level:

- Alteon WebSystems Switch Software, release 2.0 or greater
- Alteon WebSystems ACEnic for Windows NT, release 1.5.21 or greater
- Alteon WebSystems ACEnic for Novell NetWare, release 1.0 or greater
- Alteon WebSystems ACEnic for Solaris, release 2.0 or greater

The default configuration for Link Negotiation for each port is "auto." If there is a problem autonegotiating a gigabit link on any port(s), turn autonegotiation off for the affected gigabit port(s). This is done from the switch's command-line interface. Log in as admin, and use the following command to turn autonegotiation off for a specific port:

```
/cfg/port port-number/gig/auto off
```

When connecting to a device that does not support Link Negotiation, be sure to configure the proper speed and duplex settings for the link.

Establishing a Link at Near Line Rate

The switch ports may have trouble establishing a link if a connecting device is transmitting at or near line rate.

Port 9 Configuration Options

Although port 9 has no physical connector for 10/100 Fast Ethernet, the Port menu (/cfg/port 9) depicts physical 10/100 connector configuration options. The menu options for 10/100 Fast Ethernet on port 9 are disregarded.

Console Cable

The switch console port accepts a standard straight-through serial cable with a male DB9 con-nector. For wiring specifications, see your *Alteon 180 Hardware Installation Guide*.

Console cables are not intended for permanent installation and should be disconnected from the console port after configuring the switch.

Late-Breaking News and Support

Web access: http://www.alteonwebsystems.com

Questions? Check the URL for Alteon WebSystems Online Information. This web site includes product information, soft-ware updates, release notes, and white papers. The web site also includes access to Alteon WebSystems Customer Support for accounts under warranty or that are covered by a maintenance contract.

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