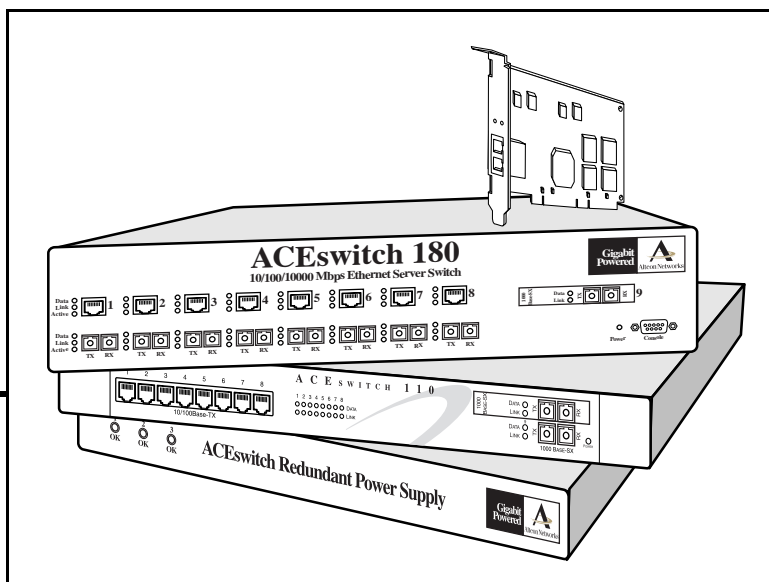


RELEASE NOTES:

Installation and User's Guide



ACEswitch™ 180

10/100/1000 Mbps Ethernet Server Switch



Alteon Networks
THE SERVER SWITCHING COMPANY

50 Great Oaks Boulevard
San Jose, California 95119
408-360-5500 Main
408-360-5501 Fax
www.alteon-networks.com

Part Number: 050010, Revision E
December 1998

Copyright 1998 Alteon Networks, Inc., 50 Great Oaks Boulevard, San Jose, California 95119, USA. All rights reserved. Part Number: 050010, Revision E.

This document is protected by copyright and distributed under licenses restricting its use, copying, distribution, and decompilation. No part of this document may be reproduced in any form by any means without prior written authorization of Alteon Networks. Documentation is provided “as is” without warranty of any kind, either express or implied, including any kind of implied or express warranty of non-infringement or the implied warranties of merchantability or fitness for a particular purpose.

U.S. Government End Users: This document is provided with a “commercial item” as defined by FAR 2.101 (Oct 1995) and contains “commercial technical data” and “commercial software documentation” as those terms are used in FAR 12.211-12.212 (Oct 1995). Government End Users are authorized to use this documentation only in accordance with those rights and restrictions set forth herein, consistent with FAR 12.211- 12.212 (Oct 1995), DFARS 227.7202 (JUN 1995) and DFARS 252.227-7015 (Nov 1995).

Alteon Networks, Inc. reserves the right to change any products described herein at any time, and without notice. Alteon Networks assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by Alteon Networks, Inc. The use and purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of Alteon Networks, Inc.

ACEswitch™ 180 is a trademark of Alteon Networks in the United States and other countries.

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 *ACEswitch 180 Installation and User's Guide*.



Release Notes

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

- *ACElerate Switch Software User's Guide* for Release 5 (part number 050044, Revision A)
- *ACEswitch 180 Installation and User's Guide* (part number 050009, Revision B)

Please keep this information with your Alteon Networks product manuals.

Gigabit Ethernet Link Negotiation

The ACEswitch 180 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 Networks' ACEnic and switch software, or early, non-compliant versions of other vendors' equipment.

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

- Alteon Networks ACElerate Software, release 2.0 or greater
- Alteon Networks ACEnic for Windows NT, release 1.5.21 or greater
- Alteon Networks ACEnic for Novell NetWare, release 1.0 or greater
- Alteon Networks 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.

Late-Breaking News and Support



Web access: <http://www.alteon-networks.com>

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