RADIUS Release Note 980618

Ascend Communications, Inc.
June 30, 1998

MAX is a trademark of Ascend Communications, Inc. Other trademarks and trade names mentioned in this publication belong to their respective owners.

Copyright © 1998, Ascend Communications, Inc. All Rights Reserved.

This document contains information that is the property of Ascend Communications, Inc. This document may not be copied, reproduced, reduced to any electronic medium or machine readable form, or otherwise duplicated, and the information herein may not be used, disseminated or otherwise disclosed, except with the prior written consent of Ascend Communications, Inc.

What's new in RADIUS 980618

This release closes the following TRs:

TR 250209: Infinite loop in radius.

TR 3473: Security problem with password expiration setting.

This release includes the following enhancements:

Encryption code added for Tunnel-Password.

How to obtain technical assistance

You can obtain technical assistance by telephone, email, fax, or modem, as well as over the Internet.

Enabling Ascend to assist you

If you need to contact Ascend for help with a problem, make sure that you have the following information when you call or that you include it in your correspondence:

- Product name and model.
- Software and hardware options.
- Software version.
- If supplied by your carrier, Service Profile Identifiers (SPIDs) associated with your line.
- Your local telephone company's switch type and operating mode, such as AT&T 5ESS Custom or Northern Telecom National ISDN-1.
- Whether you are routing or bridging with your Ascend product.
- Type of computer you are using.
- Description of the problem.

Calling Ascend from within the United States

In the U.S., you can take advantage of Priority Technical Assistance or an Ascend Advantage Pak service contract, or you can call to request assistance.

Priority Technical Assistance

If you need to talk to an engineer right away, call (900) 555-ASND (2763) to reach Ascend's Priority Call queue. The charge of $2.95 per minute does not begin to accrue until you are connected to an engineer. Average wait times are less than three minutes.

Ascend Advantage Pak

Ascend Advantage Pak is a one-year service contract that includes overnight advance replacement of failed products, technical support, software maintenance releases, and software update releases. For more information, call (800) ASCEND-4 (272-3634), or access Ascend's

Web site at `www.ascend.com` and select Services and Support, then Advantage Service Family.

Other telephone numbers

For a menu of Ascend's services, call (800) ASCEND-4 (272-3634). Or call (510) 769-6001 for an operator.

Contacting Ascend from outside the United States

You can contact Ascend by telephone from outside the United States at one of the following numbers:

Telephone outside the United States	(510) 769-8027
Austria/Germany/Switzerland	(+33) 492 96 5672
Benelux	(+33) 492 96 5674
France	(+33) 492 96 5673
Italy	(+33) 492 96 5676
Japan	(+81) 3 5325 7397
Middle East/Africa	(+33) 492 96 5679
Scandinavia	(+33) 492 96 5677
Spain/Portugal	(+33) 492 96 5675
UK	(+33) 492 96 5671

Note: For a list of support options in the Asia Pacific Region, refer to http://apac.ascend.com

Obtaining assistance through correspondence

Ascend maintains two email addresses for technical support questions. One is for customers in the United States, and the other is for customers in Europe, the Middle East, and Asia. If you prefer to correspond by fax, BBS, or regular mail, please direct your inquiry to Ascend's U.S. offices. Following are the ways in which you can reach Ascend Customer Service:

- Email from within the U.S.—support@ascend.com
- Email from Europe, the Middle East, or Asia—EMEAsupport@ascend.com
- Fax—(510) 814-2312
- Customer Support BBS (by modem)—(510) 814-2302

Write to Ascend at the following address:

Attn: Customer Service
Ascend Communications, Inc.
One Ascend Plaza
1701 Harbor Bay Parkway
Alameda, CA 94502-3002

Contents

What's new in RADIUS 980618 iii

Problems corrected in RADIUS 980618 1

Enhancements introduced in RADIUS 980618..... 1

Problems corrected in RADIUS 980618

TR 3473 Security problem with password expiration setting.

Corrected in: RADIUS 980618

TR 250209 Infinite loop in radius.

Corrected in: RADIUS 980618

Enhancements introduced in RADIUS 980618

Encryption code added for Tunnel-Password

Ascend units affected: MAX 6000, MAX 4000, MAX 2000, MAX 1800, MAX 200Plus

Encryption code has been added for Tunnel-Password attribute. This enhancement is based on the Internet Engineering Task Force (IETF) document, *draft-ietf-radius-tunnel-auth-03.txt*. Use this enhancement if you use L2TP Tunnel Authentication feature.