



HP OpenView Integration Pack User Guide

Release 4.0.x

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Contents

About This Guide

Introduction	ix
Audience	ix
Conventions	x
Documentation	xi
Release Notes	xi
Web Access	xi
Using the Online Documentation CD	xi
Comments About the Documentation	xii
Contacting Customer Support	xii

Chapter 1 Overview

Features	1-1
System Description	1-2
Devices Supported	1-2
System Requirements	1-2
Hardware Requirements	1-3
Software Requirements	1-3
Sun Solaris Workstations	1-3
Windows Workstations	1-3

Chapter 2 Installing and Uninstalling HP OpenView Integration Pack

Sun Solaris Workstation	2-1
Installing HPOV Integration Pack	2-1
Uninstalling HPOV Integration Pack	2-2
Windows Workstation	2-2
Installing HPOV Integration Pack	2-2
Uninstalling HPOV Integration Pack	2-3

Chapter 3

Using HP OpenView Integration Pack

Custom Icons	3-1
SNMP Trap Descriptions	3-2
Browsing MIBs and Collecting SNMP Statistics	3-3
Configuring ERX Routers with the NMC-RX Application	3-3
Launching the NMC-RX Application	3-3

Appendix A

MIBs and Traps

MIB Files for ERX Devices	A-1
MIBs Installation Directories	A-1
SNMP Traps for ERX Devices	A-3

About This Guide



Note: If the information in the HP OpenView Integration Pack Release Notes differs from the information in this guide, follow the HP OpenView Integration Pack Release Notes.

Introduction

HP OpenView Integration Pack is powered by the HP OpenView Network Node Manager (HPOV NNM) platform and includes customizations that provide configuration and fault management for the Juniper Networks ERX edge routers.

This user guide includes:

- An introduction and product overview
- Workstation requirements (hardware and software) for workstations on which HP OpenView Integration Pack is installed
- Installation and removal procedures for HP OpenView Integration Pack
- Description and user procedures for HP OpenView Integration Pack
- An appendix describing MIB files installed with HP OpenView Integration Pack and SNMP traps supported by HP OpenView Integration Pack

Audience

This guide is intended for experienced system and network specialists who will install and use HP OpenView Integration Pack.

Conventions

Table 1 and Table 2 list all the conventions used in the documentation. Table 1 defines notice icons. Table 2 shows text conventions used throughout the book, except for command syntax.

Table 1 Notice icons

Icon	Meaning	Description
	Informational note	Indicates important features or instructions.
	Caution	Indicates that you may risk losing data or damaging your hardware.
	Warning	Alerts you to the risk of personal injury.

Table 2 Text conventions (except for commands)

Convention	Description	Examples
Bold typeface	Represents commands and keywords in text.	- Command example: Issue the clock source command. - Keyword example: Specify the keyword exp-msg.
Bold Courier typeface	Represents text that the user must type.	user input
Key name in angle brackets	Indicates the name of a key on the keyboard.	Press <Enter>.
Key names linked with a plus sign (+) in angle brackets	Indicates that you must press two or more keys simultaneously.	Press <Ctrl+B>.
Plain Courier typeface	Represents information as displayed on your terminal's screen.	<pre>host1#show ip ospf 2 Routing Process OSPF 2 with Router ID 5.5.0.250 Router is an Area Border Router (ABR)</pre>
<i>Italics</i>	- Emphasize words. - Identify variables. - Identify chapter, appendix, and book names.	- There are two levels of access, <i>user</i> and <i>privileged</i>. <i>clusterId</i>, <i>ipAddress</i>. <i>Appendix A, System Specifications</i>.

Documentation

Contact your sales representative for the latest ERX documentation from Juniper Networks, Inc. With each software release, we provide the HP OpenView Integration Pack Documentation CD. The documentation CD contains the document set in PDF format and HTML format (with and without frames). From the HTML files, you can also access PDF files of individual chapters and appendixes.

The documentation is also available on the Web. You can order a set of printed documents from your Juniper Networks sales representative.

Release Notes

The HP OpenView Integration Pack Release Notes are included on the HP OpenView Integration Pack Software CD and are available on the Web. In the Release Notes, you will find information about features, changes, known problems, and resolved problems.

Web Access

To view the documentation on the Web, go to:

<http://www.juniper.net/techpubs/>

Additional documentation on the HP Openview application is available through Hewlett Packard Company.

Using the Online Documentation CD

To use the Online Documentation CD:

- 1** Place the Online Documentation CD in your CD-ROM drive.
- 2** Follow the instructions located on the inside cover of your CD jewel case to install Acrobat Reader.
- 3** From the *Documentation* folder on the CD, open the *CDtips.pdf* file for information on using Adobe Acrobat Reader.
- 4** From the *Documentation* folder on the CD, open the *Welcome.pdf* file for access to the documentation set.

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Overview

HP OpenView Integration Pack provides advanced configuration management of Juniper Networks ERX routers. It is powered by the HP OpenView Network Node Manager platform, and is used in conjunction with the Juniper Networks NMC-RX element manager.

The NMC-RX application configures and manages Juniper devices in a network managed by HP OpenView (HPOV). The NMC-RX element manager can be launched from HPOV.

Features

HP OpenView Integration Pack provides the following main features:

- The NMC-RX application can be launched from the HPOV network map
- Juniper ERX router MIB files and SDX MIB files can be loaded and installed in an SNMP directory
- Custom icons for ERX devices can be used in the network map
- Plain language descriptions of SNMP traps can be generated for Juniper devices in a network
- Support for SNMP traps for ERX release 4.0

System Description

HP OpenView Integration Pack provides integration software that leverages the strengths of HPOV for ERX management.

Figure 1-1 shows an example of a network management system architecture. HP OpenView Integration Pack enables you to manage Juniper ERX devices from HPOV. From HPOV, network operators can access a network map showing all Juniper devices discovered on the network. Operators also have access to the alarm browser, the SNMP MIB browser, and the data presenter, and can launch the NMC-RX element manager from HPOV.

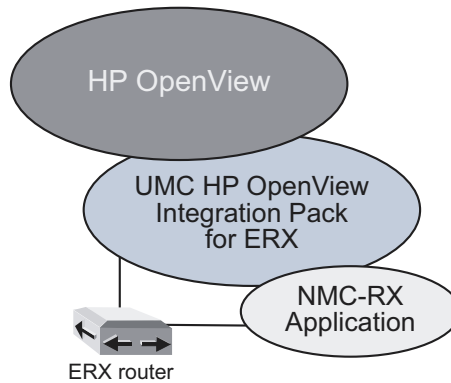


Figure 1-1 Relationship of HP OpenView Integration Pack and associated components

Devices Supported

HP OpenView Integration Pack Release 4.0 supports Juniper ERX software release 2.x, 3.0.x, 3.1.x, 3.2.x, and 4.0.x.

System Requirements

HP OpenView Integration Pack and HP OpenView run on the same workstation, either a Sun Solaris or a Windows workstation. To run HP OpenView Integration Pack, the workstation must meet specific hardware and software requirements, in addition to the hardware and software requirements for running the HP OpenView application.

Hardware Requirements

The workstation on which you install HP OpenView Integration Pack must be the same workstation that runs HP OpenView. The workstation must meet all hardware requirements for HP OpenView and must meet the following additional hardware requirements:

- CD-ROM drive
- 100 MB free hard disk space

Software Requirements

This section describes the software requirements for a Sun Solaris or Windows workstation on which you install HP OpenView Integration Pack.

If you intend to configure nodes by using the NMC-RX application, you must install a version of it that is compatible with your ERX software.

The workstation on which you install HP OpenView Integration Pack must be the same workstation that runs HP OpenView. The workstation must meet all software requirements for HP OpenView, and must have the following software installed:

Sun Solaris Workstations

- Sun Solaris, version 2.7
- HP OpenView Network Node Manager for Solaris, version 6.2

Windows Workstations

- Windows 4.0 Service Pack 4+ or Windows 2000
- HP OpenView Network Node Manager for Windows, version 6.2

Installing and Uninstalling HP OpenView Integration Pack

2

You can install HP OpenView Integration Pack on either Sun Solaris or Windows workstations that meet system requirements.

- Make sure all related HPOV processes are running on the target machine before installing HP Openview Integration Pack.

Sun Solaris Workstation

The following two sections discuss installing and uninstalling HP OpenView Integration Pack on a Sun Solaris workstation.

Installing HPOV Integration Pack

The HP OpenView Integration Pack CD-ROM includes an installation program that installs HP OpenView Integration Pack on your local Sun workstation.

Before installing HP OpenView Integration Pack on your workstation, you must first install HP OpenView NNM 6.2.

The NMC-RX element management system does not need to be installed for the HP OpenView Integration Pack to run. However, if you do install or uninstall the NMC-RX application after installing the HP OpenView Integration Pack, you must fully reinstall the HP OpenView Integration Pack.

To install HP OpenView Integration Pack:

- 1 Insert the HP OpenView Integration Pack CD-ROM in your CD-ROM drive and run CMinstall.bin.
- 2 Follow the instructions that appear on the screen.



Note: You can monitor the installation process by viewing the following log file: %OV_TMP/cm_installation.log.

- 3 When the installation is finished, click Done.

Uninstalling HPOV Integration Pack

To uninstall HPOV Integration Pack from a Sun Solaris workstation:

- 1 Navigate to the following directory and run the script:
 - /opt/CM_ERX_40/CMuninstall.sh



Note: It may take a few minutes before the uninstall dialog box appears as the application gathers required information on the installation.



Note: You can monitor the uninstallation process by viewing the following log file: %OV_TMP/cm_uninstallation.log.

- 2 Once the About to Uninstall dialog box appears, click Uninstall.

Windows Workstation

The following two sections discuss installing and uninstalling HP OpenView Integration Pack on a Windows workstation.

Installing HPOV Integration Pack

Before installing HP OpenView Integration Pack on your workstation, you must first install HP OpenView NNM.

The NMC-RX application does not need to be installed for the HP OpenView Integration Pack to run. However, if you do install or uninstall the NMC-RX application after installing the HP OpenView Integration Pack, you must fully reinstall the HP OpenView Integration Pack.



Note: Before installing HP OpenView, ensure that you followed all pre-installation steps, such as installing Microsoft SNMP Agent.

To install the HP OpenView Integration Pack:

- 1 Insert the HP OpenView Integration Pack CD-ROM in your CD-ROM drive. If the installation program does not autoplay, double-click CMinstall.exe.

- 2 Follow the instructions that appear on the screen.



Note: When prompted, install the Integration Pack in the same location that HP OpenView NNM was installed.



Note: You can monitor the installation process by viewing the following log file: %OV_TMP\cm_installation.log.

- 3 When the application is installed, reboot your system.

Uninstalling HPOV Integration Pack

To uninstall HPOV Integration Pack from a Windows workstation:

- 1 navigate to the following directory and run the script.
 - %OV_Main_Path\CM_ERX_40\CMuninstall.bat



Note: It may take a few minutes before the uninstall dialog box appears as the application gathers required information on the installation.



Note: You can monitor the uninstallation process by viewing the following log file: %OV_TMP\cm_uninstallation.log.

- 2 Once the About to Uninstall dialog box appears, click Uninstall.

Using HP OpenView Integration Pack

This section describes the basic operation of the HP OpenView Integration Pack.

Custom Icons

HP OpenView Integration Pack contains custom icons for the ERX routers. These icons appear on the HP OpenView network map and are installed in the following directory:

- Sun Solaris: \$OV_BITMAPS/C/Juniper
- Windows: %OV_BITMAPS%\C\Juniper



Note: For the definition of the OpenView environment variables (\$OV_BITMAPS for Solaris and %OV_BITMAPS% for Windows), refer to the HP OpenView manuals.

HP OpenView Integration Pack recognizes ERX routers during autodiscovery. When HP OpenView Integration Pack recognizes a router, it displays the appropriate icon (see Figure 3-1).



Figure 3-1 Custom icons for ERX routers

SNMP Trap Descriptions

HP OpenView Integration Pack supplies plain language translations of SNMP traps (alarms) generated by ERX router. These plain language descriptions appear automatically in the HP OpenView alarm browser when HP OpenView receives events from ERX routers. See Figure 4-2 for an example.

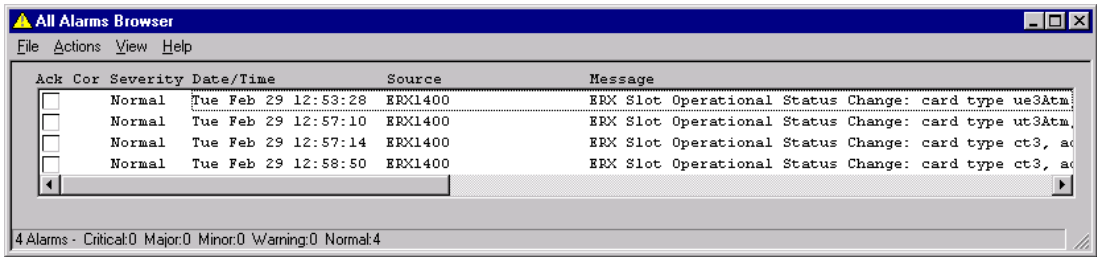


Figure 3-2 Example of HP OpenView Integration Pack plain language alarm descriptions

See *Appendix A, MIBs and Traps*, for a complete list of alarms that can be generated by ERX routers. Plain language descriptions can be viewed in the following directories and files:

Sun Solaris:

- /opt/CM_ERX_40/conf/
 - > erxTrapd.conf
 - > mibDefinedSdxTrapd.conf
 - > sdxTrapd.conf

Windows:

- %OV_MAIN_PATH%\CM_ERX_40\conf\
 - > erxTrapd.conf
 - > mibDefinedSdxTrapd.conf
 - > sdxTrapd.conf

Browsing MIBs and Collecting SNMP Statistics

As a system operator, you can:

- Browse SNMP MIBs

For more information, see the Hewlett-Packard guide, *Managing Your Network with HP OpenView Network Node Manager*, “Customizing Events: Doing It Your Way.”

- Collect SNMP statistics

For more information, see the Hewlett-Packard guide, *Managing Your Network with HP OpenView Network Node Manager*, “Using Event Data.”

For more information on MIBs and traps supported by HP OpenView Integration Pack, see *Appendix A, MIBs and Traps*.

Configuring ERX Routers with the NMC-RX Application

You can configure and manage ERX devices with the NMC-RX application through HP OpenView Integration Pack. Menus are added to HP OpenView that allow you to launch the NMC-RX application.



Note: HP OpenView Integration Pack also allows you to configure ERX devices directly by the Juniper Networks command line interface. For more information on configuring ERX routers, see the *ERX Configuration Guides*.

For more information on configuring or managing parameters, see the *NMC-RX User Guide* or the *NMC-RX Online Help*.

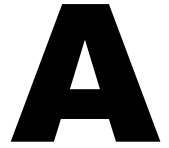
Launching the NMC-RX Application

To launch the NMC-RX application from HP OpenView:

- 1 Ensure that the following NMC-RX components are running:
 - Sybase Adaptive Server Anywhere database
 - Polling server
 - ConfigSync server
- 2 Select an ERX router node on the HP OpenView network map.
- 3 Right-click on the ERX node and select NMC-RX from the menu.

NMC-RX launches and displays the NMC-RX Device Workshop. You can now configure your ERX routers.

MIBs and Traps



This appendix lists the Management Information Base (MIB) files and the SNMP traps installed with HP OpenView Integration Pack on Sun Solaris and Windows workstations for ERX routers.

MIB Files for ERX Devices

Refer to the following tables for a list of MIB files supported in ERX Release 4.0.x:

- Table A-1: Standard MIB files
- Table A-2: Juniper MIB files for SDX software
- Table A-3: Juniper MIB files for ERX routers

MIBs Installation Directories

On Sun Solaris workstations, all MIBs are installed in the directory:

- `$OV_SNMP_MIBS/Vendor/Juniper/`

On Windows workstations, all MIBs are installed in the directory:

- `%OV_SNMP_MIBS%\Vendor\Juniper`

On both Sun Solaris and Windows workstations, the MIBs are consolidated in the following files:

- `Unisphere_MIBS_std`
- `Unisphere_MIBs_sdx`
- `Unisphere_MIBS_unis`

If some standard MIBs have already been loaded by other applications, Unisphere_MIBS_std (which contains many standard MIBs) will not be loaded into HPOV Integration Pack. You must navigate to the directory below the MIBs installation directory and load the remaining standard MIBs manually.

Table A-1 Standard MIB files

rfc2515.mi2	rfc1850t.mi2	rfc2493.mi2
iana-RtProto-Mib.mi2	rfc1907.mi2	rfc2495.mi2
af-nm-0095_001_mib.mi2	rfc2011.mi2	rfc2496.mi2
draft-ietf-atommib-atm2-15.mi2	rfc2012.mi2	rfc2513.mi2
draft-ietf-idr-bgp4-mib-07.mi2	rfc2013.mi2	rfc2514.mi2
ianaaddressfamilynumbers.mi2	rfc2096.mi2	rfc2558.mi2
ianaiftype.mi2	rfc2790.mi2	rfc2571.mi2
rfc1158.mib	rfc2851.mi2	rfc2572.mi2
rfc1213.mib	rfc2863.mi2	rfc2573n.mi2
rfc1215.mib	rfc2925n.mi2	rfc2573p.mi2
rfc1406.mib	rfc2925p.mi2	rfc2573t.mi2
rfc1407.mib	rfc2925t.mi2	rfc2574.mi2
rfc1471.mib	rfc2932.mi2	rfc2575.mi2
rfc1472.mib	rfc2933.mi2	rfc2576.mi2
rfc1473.mib	rfc2934.mi2	rfc2737.mi2
rfc1595.mi2	rfc2115.mi2	rfc2787.mi2
rfc1695.mi2	rfc2233.mi2	draft-ietf-atommib-sonetaps-mib-05-uni.mi2
rfc1724.mi2	rfc2358.mi2	draft-ietf-idmr-dvmrp-mib-11-uni.mi2
rfc1850.mi2		

Table A-2 Juniper MIB files for SDX software

usSmi.mi2	usUmcPom.mi2	usUmcTestMI.mi2
usUmc.mi2	usUmcSsp.mi2	usUmcWorkflow.mi2
usUmcDes.mi2		

Table A-3 Juniper MIB files for ERX routers

usDataDvmrp.mi2	usDatahdlc.mi2	usDataSep.mi2
usDataExperiment.mi2	usDatahost.mi2	usDataSmds.mi2
usDataMibs.mi2	usDataif.mi2	usDataSnmP.mi2
usDataRegistry.mi2	usDataigmp.mi2	usDataSonet.mi2
usDataaaa.mi2	usDataip.mi2	usDataSscClient.mi2
usDataacctng.mi2	usDataippolicy.mi2	usDataSubscriber.mi2
usDataaddrpool.mi2	usDataiptunnel.mi2	usDataSystemClock.mi2
usDataatm.mi2	usDataisis.mi2	usDataTc.mi2
usDataautoconf.mi2	usDataI2f.mi2	usDataTmpl.mi2
usDataBgp.mi2	usDataI2tp.mi2	usDataTmplip.mi2
usDatabridgeEthernet.mi2	usDataLog.mi2	usDataTmplppp.mi2
usDatacbf.mi2	usDataMpls.mi2	usDataTmplpppoe.mi2
usDatacli.mi2	usDataNslookup.mi2	usDataTraceroute.mi2
usDataCops.mi2	usDataospf.mi2	usDataV35.mi2
usDatadhcp.mi2	usDataPim.mi2	usErXRegistry.mi2
usDataDns.mi2	usDataPing.mi2	usErXSystem.mi2
usDataDs1.mi2	usDataPolicy.mi2	usMrXRegistry.mi2
usDataDs3.mi2	usDataPpp.mi2	usMrXSystem.mi2
usDataEthernet.mi2	usDataPppoe.mi2	usSmi.mi2
usDatafilexfer.mi2	usDataQos.mi2	usProducts.mi2
usDatafr.mi2	usDataRadclient.mi2	
usDataft1.mi2	usDataRouter.mi2	

SNMP Traps for ERX Devices

This section lists SNMP traps that support ERX routers. Traps for the ERX routers are defined in SMIv2 MIB definition language.

Table A-4 Traps

Trap	OID	Alarm Type	Severity
acctngFileFull	.1.3.6.1.2.1.60.2.0.2	ERX Alarms	Critical
acctngFileNearlyFull	.1.3.6.1.2.1.60.2.0.1	ERX Alarms	Minor
AgentLdapLimitReachedClear	.1.3.6.1.4.1.4874.6.1.0.10.0.630	UMC Alarms	Normal
AgentLdapLimitReachedCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.631	UMC Alarms	Critical
AgentLdapLimitReachedInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.635	UMC Alarms	Normal
AgentLdapLimitReachedMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.632	UMC Alarms	Major
AgentLdapLimitReachedMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.633	UMC Alarms	Minor
AgentRestartFailedClear	.1.3.6.1.4.1.4874.6.1.0.2.0.610	UMC Alarms	Normal

Table A-4 Traps (continued)

Trap	OID	Alarm Type	Severity
AgentRestartFailedCritical	.1.3.6.1.4.1.4874.6.1.0.2.0.611	UMC Alarms	Critical
AgentRestartFailedInformational	.1.3.6.1.4.1.4874.6.1.0.2.0.615	UMC Alarms	Normal
AgentRestartFailedMajor	.1.3.6.1.4.1.4874.6.1.0.2.0.612	UMC Alarms	Major
AgentRestartFailedMinor	.1.3.6.1.4.1.4874.6.1.0.2.0.613	UMC Alarms	Minor
AgentShutdownClear	.1.3.6.1.4.1.4874.6.1.0.4.0.620	UMC Alarms	Normal
AgentShutdownCritical	.1.3.6.1.4.1.4874.6.1.0.4.0.621	UMC Alarms	Critical
AgentShutdownInformational	.1.3.6.1.4.1.4874.6.1.0.4.0.625	UMC Alarms	Normal
AgentShutdownMajor	.1.3.6.1.4.1.4874.6.1.0.4.0.622	UMC Alarms	Major
AgentShutdownMinor	.1.3.6.1.4.1.4874.6.1.0.4.0.623	UMC Alarms	Minor
AgentStartedClear	.1.3.6.1.4.1.4874.6.1.0.3.0.600	UMC Alarms	Normal
AgentStartedCritical	.1.3.6.1.4.1.4874.6.1.0.3.0.601	UMC Alarms	Critical
AgentStartedInformational	.1.3.6.1.4.1.4874.6.1.0.3.0.605	UMC Alarms	Normal
AgentStartedMajor	.1.3.6.1.4.1.4874.6.1.0.3.0.602	UMC Alarms	Major
AgentStartedMinor	.1.3.6.1.4.1.4874.6.1.0.3.0.603	UMC Alarms	Minor
atmfM4AtmCellIfCreated	.1.3.6.1.4.1.353.5.1.3.1.2.0.56	ERX Alarms	Normal
atmfM4AtmCellIfDeleted	.1.3.6.1.4.1.353.5.1.3.1.2.0.57	ERX Alarms	Normal
atmfM4HwBackPlaneAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.19	ERX Alarms	Major
atmfM4HwCallEstErrAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.20	ERX Alarms	Major
atmfM4HwCongestionAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.21	ERX Alarms	Major
atmfM4HwCorruptDataAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.37	ERX Alarms	Major
atmfM4HwDoorOpenAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.42	ERX Alarms	Major
atmfM4HwExtIfDevProbAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.22	ERX Alarms	Major
atmfM4HwFanFailAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.41	ERX Alarms	Major
atmfM4HwFuseFailAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.43	ERX Alarms	Major
atmfM4HwHighTempAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.44	ERX Alarms	Major
atmfM4HwLineCardAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.23	ERX Alarms	Major
atmfM4HwMemoryMismatchAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.36	ERX Alarms	Major
atmfM4HwMultiplexerAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.24	ERX Alarms	Major
atmfM4HwPIUnitMismatchAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.31	ERX Alarms	Major
atmfM4HwPIUnitMissingAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.29	ERX Alarms	Major
atmfM4HwPIUnitProbAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.30	ERX Alarms	Major
atmfM4HwPowerAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.25	ERX Alarms	Major
atmfM4HwProcessorAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.26	ERX Alarms	Major
atmfM4HwProtectionPathAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.27	ERX Alarms	Major

Table A-4 Traps (continued)

Trap	OID	Alarm Type	Severity
atmfM4HwReceiverFailAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.28	ERX Alarms	Major
atmfM4HwStorageCapacityAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.35	ERX Alarms	Major
atmfM4HwSwDownloadFailAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.39	ERX Alarms	Major
atmfM4HwSwEnvironAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.38	ERX Alarms	Major
atmfM4HwTimingProbAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.32	ERX Alarms	Major
atmfM4HwTrunkCardAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.34	ERX Alarms	Major
atmfM4HwUnitChanged	.1.3.6.1.4.1.353.5.1.3.1.2.0.75	ERX Alarms	Normal
atmfM4HwUnitCreated	.1.3.6.1.4.1.353.5.1.3.1.2.0.66	ERX Alarms	Normal
atmfM4HwUnitDeleted	.1.3.6.1.4.1.353.5.1.3.1.2.0.67	ERX Alarms	Normal
atmfM4HwUnitDown	.1.3.6.1.4.1.353.5.1.3.1.2.0.55	ERX Alarms	Major
atmfM4HwUnitUp	.1.3.6.1.4.1.353.5.1.3.1.2.0.54	ERX Alarms	Normal
atmfM4HwVersionMismatchAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.40	ERX Alarms	Major
atmfM4HwXmitterFailAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.33	ERX Alarms	Major
atmfM4IfAisAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.1	ERX Alarms	Major
atmfM4IfChanged	.1.3.6.1.4.1.353.5.1.3.1.2.0.70	ERX Alarms	Normal
atmfM4IfLcdAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.2	ERX Alarms	Major
atmfM4IfLoofAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.3	ERX Alarms	Major
atmfM4IfLopAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.4	ERX Alarms	Major
atmfM4IfLosAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.5	ERX Alarms	Major
atmfM4IfPathTraceMismatchAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.8	ERX Alarms	Major
atmfM4IfPayloadMismatchAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.6	ERX Alarms	Major
atmfM4IfRdiAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.9	ERX Alarms	Major
atmfM4IfSignalLabelMismatchAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.10	ERX Alarms	Major
atmfM4IfXmissionErrAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.7	ERX Alarms	Major
atmfM4InstalledSwChanged	.1.3.6.1.4.1.353.5.1.3.1.2.0.76	ERX Alarms	Normal
atmfM4InstalledSwCreated	.1.3.6.1.4.1.353.5.1.3.1.2.0.68	ERX Alarms	Normal
atmfM4InstalledSwDeleted	.1.3.6.1.4.1.353.5.1.3.1.2.0.69	ERX Alarms	Normal
atmfM4SwVersionMismatchAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.45	ERX Alarms	Major
atmfM4VccTpAisAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.17	ERX Alarms	Major
atmfM4VccTpCreated	.1.3.6.1.4.1.353.5.1.3.1.2.0.60	ERX Alarms	Normal
atmfM4VccTpDeleted	.1.3.6.1.4.1.353.5.1.3.1.2.0.61	ERX Alarms	Normal
atmfM4VccTpRdiAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.18	ERX Alarms	Major
atmfM4VcITpAisAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.15	ERX Alarms	Major
atmfM4VcITpChanged	.1.3.6.1.4.1.353.5.1.3.1.2.0.72	ERX Alarms	Normal

Table A-4 Traps (continued)

Trap	OID	Alarm Type	Severity
atmfM4VcITpDown	.1.3.6.1.4.1.353.5.1.3.1.2.0.49	ERX Alarms	Major
atmfM4VcITpRdiAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.16	ERX Alarms	Major
atmfM4VcITpUp	.1.3.6.1.4.1.353.5.1.3.1.2.0.48	ERX Alarms	Normal
atmfM4VclXConnChanged	.1.3.6.1.4.1.353.5.1.3.1.2.0.74	ERX Alarms	Normal
atmfM4VclXConnCreated	.1.3.6.1.4.1.353.5.1.3.1.2.0.64	ERX Alarms	Normal
atmfM4VclXConnDeleted	.1.3.6.1.4.1.353.5.1.3.1.2.0.65	ERX Alarms	Normal
atmfM4VclXConnDown	.1.3.6.1.4.1.353.5.1.3.1.2.0.53	ERX Alarms	Major
atmfM4VclXConnUp	.1.3.6.1.4.1.353.5.1.3.1.2.0.52	ERX Alarms	Normal
atmfM4VpcTpAisAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.13	ERX Alarms	Major
atmfM4VpcTpCreated	.1.3.6.1.4.1.353.5.1.3.1.2.0.58	ERX Alarms	Normal
atmfM4VpcTpDeleted	.1.3.6.1.4.1.353.5.1.3.1.2.0.59	ERX Alarms	Normal
atmfM4VpcTpRdiAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.14	ERX Alarms	Major
atmfM4VplTpAisAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.11	ERX Alarms	Major
atmfM4VplTpChanged	.1.3.6.1.4.1.353.5.1.3.1.2.0.71	ERX Alarms	Normal
atmfM4VplTpDown	.1.3.6.1.4.1.353.5.1.3.1.2.0.47	ERX Alarms	Major
atmfM4VplTpRdiAlarm	.1.3.6.1.4.1.353.5.1.3.1.2.0.12	ERX Alarms	Major
atmfM4VplTpUp	.1.3.6.1.4.1.353.5.1.3.1.2.0.46	ERX Alarms	Normal
atmfM4VplXConnChanged	.1.3.6.1.4.1.353.5.1.3.1.2.0.73	ERX Alarms	Normal
atmfM4VplXConnCreated	.1.3.6.1.4.1.353.5.1.3.1.2.0.62	ERX Alarms	Normal
atmfM4VplXConnDeleted	.1.3.6.1.4.1.353.5.1.3.1.2.0.63	ERX Alarms	Normal
atmfM4VplXConnDown	.1.3.6.1.4.1.353.5.1.3.1.2.0.51	ERX Alarms	Major
atmfM4VplXConnUp	.1.3.6.1.4.1.353.5.1.3.1.2.0.50	ERX Alarms	Normal
atmIntfPvcFailuresTrap	.1.3.6.1.2.1.37.1.14.2.1.0.1	ERX Alarms	Critical
authenticationFailure	.1.3.6.1.6.3.1.1.5.5	ERX Alarms	Minor
bgpBackwardTransition	.1.3.6.1.2.1.15.7.0.2	ERX Alarms	Minor
bgpBackwardTransNotification	.1.3.6.1.2.1.15.0.2	ERX Alarms	Normal
bgpEstablished	.1.3.6.1.2.1.15.7.0.1	ERX Alarms	Normal
bgpEstablishedNotification	.1.3.6.1.2.1.15.0.1	ERX Alarms	Normal
coldStart	.1.3.6.1.6.3.1.1.5.1	ERX Alarms	Major
ComponentDownClear	.1.3.6.1.4.1.4874.6.1.0.1.0.710	UMC Alarms	Normal
ComponentDownCritical	.1.3.6.1.4.1.4874.6.1.0.1.0.711	UMC Alarms	Critical
ComponentDownInformational	.1.3.6.1.4.1.4874.6.1.0.1.0.715	UMC Alarms	Normal
ComponentDownMajor	.1.3.6.1.4.1.4874.6.1.0.1.0.712	UMC Alarms	Major
ComponentDownMinor	.1.3.6.1.4.1.4874.6.1.0.1.0.713	UMC Alarms	Minor

Table A-4 Traps (continued)

Trap	OID	Alarm Type	Severity
ComponentUpClear	.1.3.6.1.4.1.4874.6.1.0.1.0.700	UMC Alarms	Normal
ComponentUpCritical	.1.3.6.1.4.1.4874.6.1.0.1.0.701	UMC Alarms	Critical
ComponentUpInformational	.1.3.6.1.4.1.4874.6.1.0.1.0.705	UMC Alarms	Normal
ComponentUpMajor	.1.3.6.1.4.1.4874.6.1.0.1.0.702	UMC Alarms	Major
ComponentUpMinor	.1.3.6.1.4.1.4874.6.1.0.1.0.703	UMC Alarms	Minor
DirConnectedClear	.1.3.6.1.4.1.4874.6.1.0.5.0.900	UMC Alarms	Normal
DirConnectedCritical	.1.3.6.1.4.1.4874.6.1.0.5.0.901	UMC Alarms	Critical
DirConnectedInformational	.1.3.6.1.4.1.4874.6.1.0.5.0.905	UMC Alarms	Normal
DirConnectedMajor	.1.3.6.1.4.1.4874.6.1.0.5.0.902	UMC Alarms	Major
DirConnectedMinor	.1.3.6.1.4.1.4874.6.1.0.5.0.903	UMC Alarms	Minor
DirConnectionFailureClear	.1.3.6.1.4.1.4874.6.1.0.6.0.910	UMC Alarms	Normal
DirConnectionFailureCritical	.1.3.6.1.4.1.4874.6.1.0.6.0.911	UMC Alarms	Critical
DirConnectionFailureInformational	.1.3.6.1.4.1.4874.6.1.0.6.0.915	UMC Alarms	Normal
DirConnectionFailureMajor	.1.3.6.1.4.1.4874.6.1.0.6.0.912	UMC Alarms	Major
DirConnectionFailureMinor	.1.3.6.1.4.1.4874.6.1.0.6.0.913	UMC Alarms	Minor
DirNotAvailClear	.1.3.6.1.4.1.4874.6.1.0.7.0.920	UMC Alarms	Normal
DirNotAvailCritical	.1.3.6.1.4.1.4874.6.1.0.7.0.921	UMC Alarms	Critical
DirNotAvailInformational	.1.3.6.1.4.1.4874.6.1.0.7.0.925	UMC Alarms	Normal
DirNotAvailMajor	.1.3.6.1.4.1.4874.6.1.0.7.0.922	UMC Alarms	Major
DirNotAvailMinor	.1.3.6.1.4.1.4874.6.1.0.7.0.923	UMC Alarms	Minor
dsx1LineStatusChange	.1.3.6.1.2.1.10.18.15.0.1	ERX Alarms	Normal
dsx3LineStatusChange	.1.3.6.1.2.1.10.30.15.0.1	ERX Alarms	Normal
dvmrpNeighborLoss	.1.3.6.1.4.1.4874.3.2.1.1.1.1.0.1	ERX Alarms	Minor
dvmrpNeighborNotPruning	.1.3.6.1.4.1.4874.3.2.1.1.1.1.0.2	ERX Alarms	Minor
egpNeighborLoss	.1.3.6.1.6.3.1.1.5.6	ERX Alarms	Warning
entConfigChange	.1.3.6.1.2.1.47.2.0.1	ERX Alarms	Critical
frDLCIStatusChange	.1.3.6.1.2.1.10.32.0.1	ERX Alarms	Normal
linkDown	.1.3.6.1.6.3.1.1.5.3	ERX Alarms	Major
linkUp	.1.3.6.1.6.3.1.1.5.4	ERX Alarms	Normal
ospflfAuthFailure	.1.3.6.1.2.1.14.16.2.0.6	ERX Alarms	Critical
ospflfConfigError	.1.3.6.1.2.1.14.16.2.0.4	ERX Alarms	Critical
ospflfRxBadPacket	.1.3.6.1.2.1.14.16.2.0.8	ERX Alarms	Minor
ospflfStateChange	.1.3.6.1.2.1.14.16.2.0.16	ERX Alarms	Normal
ospflsdbApproachingOverflow	.1.3.6.1.2.1.14.16.2.0.15	ERX Alarms	Major

Table A-4 Traps (continued)

Trap	OID	Alarm Type	Severity
ospfLsdbOverflow	.1.3.6.1.2.1.14.16.2.0.14	ERX Alarms	Critical
ospfMaxAgeLsa	.1.3.6.1.2.1.14.16.2.0.13	ERX Alarms	Warning
ospfNbrStateChange	.1.3.6.1.2.1.14.16.2.0.2	ERX Alarms	Minor
ospfOriginateLsa	.1.3.6.1.2.1.14.16.2.0.12	ERX Alarms	Normal
ospfTxRetransmit	.1.3.6.1.2.1.14.16.2.0.10	ERX Alarms	Warning
ospfVirtIfAuthFailure	.1.3.6.1.2.1.14.16.2.0.7	ERX Alarms	Critical
ospfVirtIfConfigError	.1.3.6.1.2.1.14.16.2.0.5	ERX Alarms	Critical
ospfVirtIfRxBadPacket	.1.3.6.1.2.1.14.16.2.0.9	ERX Alarms	Minor
ospfVirtIfStateChange	.1.3.6.1.2.1.14.16.2.0.1	ERX Alarms	Critical
ospfVirtIfTxRetransmit	.1.3.6.1.2.1.14.16.2.0.11	ERX Alarms	Warning
ospfVirtNbrStateChange	.1.3.6.1.2.1.14.16.2.0.3	ERX Alarms	Minor
PdpErrorsClear	.1.3.6.1.4.1.4874.6.1.0.10.0.1020	UMC Alarms	Normal
PdpErrorsCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.1021	UMC Alarms	Critical
PdpErrorsInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.1025	UMC Alarms	Normal
PdpErrorsMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.1022	UMC Alarms	Major
PdpErrorsMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.1023	UMC Alarms	Minor
PenAvgICModProcTimeClear	.1.3.6.1.4.1.4874.6.1.0.10.0.1010	UMC Alarms	Normal
PenAvgICModProcTimeCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.1011	UMC Alarms	Critical
PenAvgICModProcTimeInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.1015	UMC Alarms	Normal
PenAvgICModProcTimeMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.1012	UMC Alarms	Major
PenAvgICModProcTimeMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.1013	UMC Alarms	Minor
PenAvgPGModProcTimeClear	.1.3.6.1.4.1.4874.6.1.0.10.0.1000	UMC Alarms	Normal
PenAvgPGModProcTimeCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.1001	UMC Alarms	Critical
PenAvgPGModProcTimeInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.1005	UMC Alarms	Normal
PenAvgPGModProcTimeMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.1002	UMC Alarms	Major
PenAvgPGModProcTimeMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.1003	UMC Alarms	Minor
pimNeighborLoss	.1.3.6.1.3.61.1.0.1	ERX Alarms	Minor
pingProbeFailed	.1.3.6.1.2.1.80.0.1	ERX Alarms	Minor
pingTestCompleted	.1.3.6.1.2.1.80.0.3	ERX Alarms	Normal
pingTestFailed	.1.3.6.1.2.1.80.0.2	ERX Alarms	Critical
SspAccBadAuthenticatorsClear	.1.3.6.1.4.1.4874.6.1.0.10.0.140	UMC Alarms	Normal
SspAccBadAuthenticatorsCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.141	UMC Alarms	Critical
SspAccBadAuthenticatorsInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.145	UMC Alarms	Normal
SspAccBadAuthenticatorsMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.142	UMC Alarms	Major

Table A-4 Traps (continued)

Trap	OID	Alarm Type	Severity
SspAccBadAuthenticatorsMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.143	UMC Alarms	Minor
SspAccInvalidServerAddressesClear	.1.3.6.1.4.1.4874.6.1.0.10.0.100	UMC Alarms	Normal
SspAccInvalidServerAddressesCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.101	UMC Alarms	Critical
SspAccInvalidServerAddressesInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.105	UMC Alarms	Normal
SspAccInvalidServerAddressesMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.102	UMC Alarms	Major
SspAccInvalidServerAddressesMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.103	UMC Alarms	Minor
SspAccMalformedResponsesClear	.1.3.6.1.4.1.4874.6.1.0.10.0.130	UMC Alarms	Normal
SspAccMalformedResponsesCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.131	UMC Alarms	Critical
SspAccMalformedResponsesInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.135	UMC Alarms	Normal
SspAccMalformedResponsesMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.132	UMC Alarms	Major
SspAccMalformedResponsesMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.133	UMC Alarms	Minor
SspAccPacketsDroppedClear	.1.3.6.1.4.1.4874.6.1.0.10.0.180	UMC Alarms	Normal
SspAccPacketsDroppedCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.181	UMC Alarms	Critical
SspAccPacketsDroppedInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.185	UMC Alarms	Normal
SspAccPacketsDroppedMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.182	UMC Alarms	Major
SspAccPacketsDroppedMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.183	UMC Alarms	Minor
SspAccPendingRequestsClear	.1.3.6.1.4.1.4874.6.1.0.10.0.150	UMC Alarms	Normal
SspAccPendingRequestsCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.151	UMC Alarms	Critical
SspAccPendingRequestsInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.155	UMC Alarms	Normal
SspAccPendingRequestsMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.152	UMC Alarms	Major
SspAccPendingRequestsMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.153	UMC Alarms	Minor
SspAccRetransmissionsClear	.1.3.6.1.4.1.4874.6.1.0.10.0.120	UMC Alarms	Normal
SspAccRetransmissionsCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.121	UMC Alarms	Critical
SspAccRetransmissionsInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.125	UMC Alarms	Normal
SspAccRetransmissionsMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.122	UMC Alarms	Major
SspAccRetransmissionsMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.123	UMC Alarms	Minor
SspAccRoundTripTimeClear	.1.3.6.1.4.1.4874.6.1.0.10.0.110	UMC Alarms	Normal
SspAccRoundTripTimeCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.111	UMC Alarms	Critical
SspAccRoundTripTimeInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.115	UMC Alarms	Normal
SspAccRoundTripTimeMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.112	UMC Alarms	Major
SspAccRoundTripTimeMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.113	UMC Alarms	Minor
SspAccTimeoutsClear	.1.3.6.1.4.1.4874.6.1.0.10.0.160	UMC Alarms	Normal
SspAccTimeoutsCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.161	UMC Alarms	Critical
SspAccTimeoutsInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.165	UMC Alarms	Normal

Table A-4 Traps (continued)

Trap	OID	Alarm Type	Severity
SspAccTimeoutsMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.162	UMC Alarms	Major
SspAccTimeoutsMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.163	UMC Alarms	Minor
SspAccUnknownTypesClear	.1.3.6.1.4.1.4874.6.1.0.10.0.170	UMC Alarms	Normal
SspAccUnknownTypesCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.171	UMC Alarms	Critical
SspAccUnknownTypesInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.175	UMC Alarms	Normal
SspAccUnknownTypesMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.172	UMC Alarms	Major
SspAccUnknownTypesMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.173	UMC Alarms	Minor
SspAuthAccessRetransmissionsClear	.1.3.6.1.4.1.4874.6.1.0.10.0.220	UMC Alarms	Normal
SspAuthAccessRetransmissionsCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.221	UMC Alarms	Critical
SspAuthAccessRetransmissionsInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.225	UMC Alarms	Normal
SspAuthAccessRetransmissionsMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.222	UMC Alarms	Major
SspAuthAccessRetransmissionsMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.223	UMC Alarms	Minor
SspAuthBadAuthenticatorsClear	.1.3.6.1.4.1.4874.6.1.0.10.0.240	UMC Alarms	Normal
SspAuthBadAuthenticatorsCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.241	UMC Alarms	Critical
SspAuthBadAuthenticatorsInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.245	UMC Alarms	Normal
SspAuthBadAuthenticatorsMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.242	UMC Alarms	Major
SspAuthBadAuthenticatorsMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.243	UMC Alarms	Minor
SspAuthInvalidServerAddressesClear	.1.3.6.1.4.1.4874.6.1.0.10.0.200	UMC Alarms	Normal
SspAuthInvalidServerAddressesCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.201	UMC Alarms	Critical
SspAuthInvalidServerAddressesInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.205	UMC Alarms	Normal
SspAuthInvalidServerAddressesMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.202	UMC Alarms	Major
SspAuthInvalidServerAddressesMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.203	UMC Alarms	Minor
SspAuthMalformedAccessResponsesClear	.1.3.6.1.4.1.4874.6.1.0.10.0.230	UMC Alarms	Normal
SspAuthMalformedAccessResponsesCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.231	UMC Alarms	Critical
SspAuthMalformedAccessResponsesInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.235	UMC Alarms	Normal
SspAuthMalformedAccessResponsesMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.232	UMC Alarms	Major
SspAuthMalformedAccessResponsesMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.233	UMC Alarms	Minor
SspAuthPacketsDroppedClear	.1.3.6.1.4.1.4874.6.1.0.10.0.280	UMC Alarms	Normal
SspAuthPacketsDroppedCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.281	UMC Alarms	Critical
SspAuthPacketsDroppedInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.285	UMC Alarms	Normal
SspAuthPacketsDroppedMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.282	UMC Alarms	Major
SspAuthPacketsDroppedMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.283	UMC Alarms	Minor
SspAuthPendingRequestsClear	.1.3.6.1.4.1.4874.6.1.0.10.0.250	UMC Alarms	Normal
SspAuthPendingRequestsCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.251	UMC Alarms	Critical

Table A-4 Traps (continued)

Trap	OID	Alarm Type	Severity
SspAuthPendingRequestsInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.255	UMC Alarms	Normal
SspAuthPendingRequestsMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.252	UMC Alarms	Major
SspAuthPendingRequestsMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.253	UMC Alarms	Minor
SspAuthRoundTripTimeClear	.1.3.6.1.4.1.4874.6.1.0.10.0.210	UMC Alarms	Normal
SspAuthRoundTripTimeCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.211	UMC Alarms	Critical
SspAuthRoundTripTimeInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.215	UMC Alarms	Normal
SspAuthRoundTripTimeMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.212	UMC Alarms	Major
SspAuthRoundTripTimeMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.213	UMC Alarms	Minor
SspAuthTimeoutsClear	.1.3.6.1.4.1.4874.6.1.0.10.0.260	UMC Alarms	Normal
SspAuthTimeoutsCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.261	UMC Alarms	Critical
SspAuthTimeoutsInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.265	UMC Alarms	Normal
SspAuthTimeoutsMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.262	UMC Alarms	Major
SspAuthTimeoutsMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.263	UMC Alarms	Minor
SspAuthUnknownTypesClear	.1.3.6.1.4.1.4874.6.1.0.10.0.270	UMC Alarms	Normal
SspAuthUnknownTypesCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.271	UMC Alarms	Critical
SspAuthUnknownTypesInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.275	UMC Alarms	Normal
SspAuthUnknownTypesMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.272	UMC Alarms	Major
SspAuthUnknownTypesMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.273	UMC Alarms	Minor
SspCopsAgeOldestQueueMemberClear	.1.3.6.1.4.1.4874.6.1.0.10.0.390	UMC Alarms	Normal
SspCopsAgeOldestQueueMemberCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.391	UMC Alarms	Critical
SspCopsAgeOldestQueueMemberInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.395	UMC Alarms	Normal
SspCopsAgeOldestQueueMemberMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.392	UMC Alarms	Major
SspCopsAgeOldestQueueMemberMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.393	UMC Alarms	Minor
SspCopsAvgQueueTimeClear	.1.3.6.1.4.1.4874.6.1.0.10.0.380	UMC Alarms	Normal
SspCopsAvgQueueTimeCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.381	UMC Alarms	Critical
SspCopsAvgQueueTimeInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.385	UMC Alarms	Normal
SspCopsAvgQueueTimeMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.382	UMC Alarms	Major
SspCopsAvgQueueTimeMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.383	UMC Alarms	Minor
SspCopsAvgREQHandleTimeClear	.1.3.6.1.4.1.4874.6.1.0.10.0.350	UMC Alarms	Normal
SspCopsAvgREQHandleTimeCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.351	UMC Alarms	Critical
SspCopsAvgREQHandleTimeInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.355	UMC Alarms	Normal
SspCopsAvgREQHandleTimeMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.352	UMC Alarms	Major
SspCopsAvgREQHandleTimeMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.353	UMC Alarms	Minor
SspCopsClientsClear	.1.3.6.1.4.1.4874.6.1.0.10.0.400	UMC Alarms	Normal

Table A-4 Traps (continued)

Trap	OID	Alarm Type	Severity
SspCopsClientsCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.401	UMC Alarms	Critical
SspCopsClientsInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.405	UMC Alarms	Normal
SspCopsClientsMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.402	UMC Alarms	Major
SspCopsClientsMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.403	UMC Alarms	Minor
SspCopsConnectionClosedClear	.1.3.6.1.4.1.4874.6.1.0.13.0.800	UMC Alarms	Normal
SspCopsConnectionClosedCritical	.1.3.6.1.4.1.4874.6.1.0.13.0.801	UMC Alarms	Critical
SspCopsConnectionClosedInformational	.1.3.6.1.4.1.4874.6.1.0.13.0.805	UMC Alarms	Normal
SspCopsConnectionClosedMajor	.1.3.6.1.4.1.4874.6.1.0.13.0.802	UMC Alarms	Major
SspCopsConnectionClosedMinor	.1.3.6.1.4.1.4874.6.1.0.13.0.803	UMC Alarms	Minor
SspCopsConnectionDownClear	.1.3.6.1.4.1.4874.6.1.0.12.0.820	UMC Alarms	Normal
SspCopsConnectionDownCritical	.1.3.6.1.4.1.4874.6.1.0.12.0.821	UMC Alarms	Critical
SspCopsConnectionDownInformational	.1.3.6.1.4.1.4874.6.1.0.12.0.825	UMC Alarms	Normal
SspCopsConnectionDownMajor	.1.3.6.1.4.1.4874.6.1.0.12.0.822	UMC Alarms	Major
SspCopsConnectionDownMinor	.1.3.6.1.4.1.4874.6.1.0.12.0.823	UMC Alarms	Minor
SspCopsConnectionRejectedClear	.1.3.6.1.4.1.4874.6.1.0.14.0.830	UMC Alarms	Normal
SspCopsConnectionRejectedCritical	.1.3.6.1.4.1.4874.6.1.0.14.0.831	UMC Alarms	Critical
SspCopsConnectionRejectedInformational	.1.3.6.1.4.1.4874.6.1.0.14.0.835	UMC Alarms	Normal
SspCopsConnectionRejectedMajor	.1.3.6.1.4.1.4874.6.1.0.14.0.832	UMC Alarms	Major
SspCopsConnectionRejectedMinor	.1.3.6.1.4.1.4874.6.1.0.14.0.833	UMC Alarms	Minor
SspCopsConnectionUpClear	.1.3.6.1.4.1.4874.6.1.0.11.0.810	UMC Alarms	Normal
SspCopsConnectionUpCritical	.1.3.6.1.4.1.4874.6.1.0.11.0.811	UMC Alarms	Critical
SspCopsConnectionUpInformational	.1.3.6.1.4.1.4874.6.1.0.11.0.815	UMC Alarms	Normal
SspCopsConnectionUpMajor	.1.3.6.1.4.1.4874.6.1.0.11.0.812	UMC Alarms	Major
SspCopsConnectionUpMinor	.1.3.6.1.4.1.4874.6.1.0.11.0.813	UMC Alarms	Minor
SspCopsErrorsClear	.1.3.6.1.4.1.4874.6.1.0.10.0.330	UMC Alarms	Normal
SspCopsErrorsCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.331	UMC Alarms	Critical
SspCopsErrorsInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.335	UMC Alarms	Normal
SspCopsErrorsMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.332	UMC Alarms	Major
SspCopsErrorsMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.333	UMC Alarms	Minor
SspCopsIgnoredRequestsClear	.1.3.6.1.4.1.4874.6.1.0.10.0.410	UMC Alarms	Normal
SspCopsIgnoredRequestsCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.411	UMC Alarms	Critical
SspCopsIgnoredRequestsInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.415	UMC Alarms	Normal
SspCopsIgnoredRequestsMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.412	UMC Alarms	Major
SspCopsIgnoredRequestsMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.413	UMC Alarms	Minor

Table A-4 Traps (continued)

Trap	OID	Alarm Type	Severity
SspCopsJobQueueLengthClear	.1.3.6.1.4.1.4874.6.1.0.10.0.370	UMC Alarms	Normal
SspCopsJobQueueLengthCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.371	UMC Alarms	Critical
SspCopsJobQueueLengthInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.375	UMC Alarms	Normal
SspCopsJobQueueLengthMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.372	UMC Alarms	Major
SspCopsJobQueueLengthMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.373	UMC Alarms	Minor
SspCopsManagedInterfacesClear	.1.3.6.1.4.1.4874.6.1.0.10.0.300	UMC Alarms	Normal
SspCopsManagedInterfacesCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.301	UMC Alarms	Critical
SspCopsManagedInterfacesInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.305	UMC Alarms	Normal
SspCopsManagedInterfacesMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.302	UMC Alarms	Major
SspCopsManagedInterfacesMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.303	UMC Alarms	Minor
SspCopsOverloadClear	.1.3.6.1.4.1.4874.6.1.0.15.0.840	UMC Alarms	Normal
SspCopsOverloadCritical	.1.3.6.1.4.1.4874.6.1.0.15.0.841	UMC Alarms	Critical
SspCopsOverloadInformational	.1.3.6.1.4.1.4874.6.1.0.15.0.845	UMC Alarms	Normal
SspCopsOverloadMajor	.1.3.6.1.4.1.4874.6.1.0.15.0.842	UMC Alarms	Major
SspCopsOverloadMinor	.1.3.6.1.4.1.4874.6.1.0.15.0.843	UMC Alarms	Minor
SspCopsTimeoutsClear	.1.3.6.1.4.1.4874.6.1.0.10.0.340	UMC Alarms	Normal
SspCopsTimeoutsCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.341	UMC Alarms	Critical
SspCopsTimeoutsInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.345	UMC Alarms	Normal
SspCopsTimeoutsMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.342	UMC Alarms	Major
SspCopsTimeoutsMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.343	UMC Alarms	Minor
SspCopsUserSessionEstablishedClear	.1.3.6.1.4.1.4874.6.1.0.10.0.310	UMC Alarms	Normal
SspCopsUserSessionEstablishedCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.311	UMC Alarms	Critical
SspCopsUserSessionEstablishedInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.315	UMC Alarms	Normal
SspCopsUserSessionEstablishedMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.312	UMC Alarms	Major
SspCopsUserSessionEstablishedMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.313	UMC Alarms	Minor
SspCopsUserSessionRemovedClear	.1.3.6.1.4.1.4874.6.1.0.10.0.320	UMC Alarms	Normal
SspCopsUserSessionRemovedCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.321	UMC Alarms	Critical
SspCopsUserSessionRemovedInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.325	UMC Alarms	Normal
SspCopsUserSessionRemovedMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.322	UMC Alarms	Major
SspCopsUserSessionRemovedMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.323	UMC Alarms	Minor
SspCurrentUsersClear	.1.3.6.1.4.1.4874.6.1.0.10.0.60	UMC Alarms	Normal
SspCurrentUsersCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.61	UMC Alarms	Critical
SspCurrentUsersInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.65	UMC Alarms	Normal
SspCurrentUsersMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.62	UMC Alarms	Major

Table A-4 Traps (continued)

Trap	OID	Alarm Type	Severity
SspCurrentUsersMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.63	UMC Alarms	Minor
SspHeapUsedClear	.1.3.6.1.4.1.4874.6.1.0.10.0.10	UMC Alarms	Normal
SspHeapUsedCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.11	UMC Alarms	Critical
SspHeapUsedInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.15	UMC Alarms	Normal
SspHeapUsedMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.12	UMC Alarms	Major
SspHeapUsedMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.13	UMC Alarms	Minor
SspLoginsClear	.1.3.6.1.4.1.4874.6.1.0.10.0.20	UMC Alarms	Normal
SspLoginsCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.21	UMC Alarms	Critical
SspLoginsInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.25	UMC Alarms	Normal
SspLoginsMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.22	UMC Alarms	Major
SspLoginsMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.23	UMC Alarms	Minor
SspLogoutsClear	.1.3.6.1.4.1.4874.6.1.0.10.0.30	UMC Alarms	Normal
SspLogoutsCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.31	UMC Alarms	Critical
SspLogoutsInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.35	UMC Alarms	Normal
SspLogoutsMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.32	UMC Alarms	Major
SspLogoutsMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.33	UMC Alarms	Minor
SspServiceActivationsClear	.1.3.6.1.4.1.4874.6.1.0.10.0.40	UMC Alarms	Normal
SspServiceActivationsCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.41	UMC Alarms	Critical
SspServiceActivationsInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.45	UMC Alarms	Normal
SspServiceActivationsMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.42	UMC Alarms	Major
SspServiceActivationsMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.43	UMC Alarms	Minor
SspServiceDeactivationsClear	.1.3.6.1.4.1.4874.6.1.0.10.0.50	UMC Alarms	Normal
SspServiceDeactivationsCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.51	UMC Alarms	Critical
SspServiceDeactivationsInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.55	UMC Alarms	Normal
SspServiceDeactivationsMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.52	UMC Alarms	Major
SspServiceDeactivationsMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.53	UMC Alarms	Minor
SspUserLicenseExpiryClear	.1.3.6.1.4.1.4874.6.1.0.10.0.80	UMC Alarms	Normal
SspUserLicenseExpiryCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.81	UMC Alarms	Critical
SspUserLicenseExpiryInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.85	UMC Alarms	Normal
SspUserLicenseExpiryMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.82	UMC Alarms	Major
SspUserLicenseExpiryMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.83	UMC Alarms	Minor
SspUserNumberLicenseClear	.1.3.6.1.4.1.4874.6.1.0.10.0.70	UMC Alarms	Normal
SspUserNumberLicenseCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.71	UMC Alarms	Critical
SspUserNumberLicenseInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.75	UMC Alarms	Normal

Table A-4 Traps (continued)

Trap	OID	Alarm Type	Severity
SspUserNumberLicenseMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.72	UMC Alarms	Major
SspUserNumberLicenseMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.73	UMC Alarms	Minor
traceRoutePathChange	.1.3.6.1.2.1.81.0.1	ERX Alarms	Warning
traceRouteTestCompleted	.1.3.6.1.2.1.81.0.3	ERX Alarms	Normal
traceRouteTestFailed	.1.3.6.1.2.1.81.0.2	ERX Alarms	Critical
usdAddressPoolAbatedAddrUtil	.1.3.6.1.4.1.4874.2.2.21.3.0.2	ERX Alarms	Major
usdAddressPoolHighAddrUtil	.1.3.6.1.4.1.4874.2.2.21.3.0.1	ERX Alarms	Major
usdAddressPoolNoAddresses	.1.3.6.1.4.1.4874.2.2.21.3.0.3	ERX Alarms	Major
usdAtmVcPingTestCompleted	.1.3.6.1.4.1.4874.2.2.8.3.0.2	ERX Alarms	Normal
usdAtmVpPingTestCompleted	.1.3.6.1.4.1.4874.2.2.8.3.0.1	ERX Alarms	Normal
usdCliSecurityAlert	.1.3.6.1.4.1.4874.2.2.30.0.1	ERX Alarms	Minor
usdDvmrpRouteHogNotificationTrap	.1.3.6.1.4.1.4874.2.2.44.1.1.0.1	ERX Alarms	Minor
usdERXSysAbatedMemUtil	.1.3.6.1.4.1.4874.2.2.17.0.6	ERX Alarms	Major
usdERXSysHighMemUtil	.1.3.6.1.4.1.4874.2.2.17.0.5	ERX Alarms	Major
usdERXSysPowerStatusChange	.1.3.6.1.4.1.4874.2.2.17.0.2	ERX Alarms	Critical
usdERXSysSlotOperStatusChange	.1.3.6.1.4.1.4874.2.2.17.0.1	ERX Alarms	Critical
usdERXSysTempFanStatusChange	.1.3.6.1.4.1.4874.2.2.17.0.3	ERX Alarms	Critical
usdERXSysTempProtectionStatusChange	.1.3.6.1.4.1.4874.2.2.17.0.7	ERX Alarms	Warning
usdERXSysTempStatusChange	.1.3.6.1.4.1.4874.2.2.17.0.4	ERX Alarms	Critical
usdFileXferTrap	.1.3.6.1.4.1.4874.2.2.23.2.0.1	ERX Alarms	Minor
usdLogMsgThresholdTrap	.1.3.6.1.4.1.4874.2.2.28.0.1	ERX Alarms	Normal
usdPingProbeFailed	.1.3.6.1.4.1.4874.2.2.39.0.1	ERX Alarms	Minor
usdPingTestCompleted	.1.3.6.1.4.1.4874.2.2.39.0.3	ERX Alarms	Normal
usdPingTestFailed	.1.3.6.1.4.1.4874.2.2.39.0.2	ERX Alarms	Critical
usdTraceRoutePathChange	.1.3.6.1.4.1.4874.2.2.41.0.1	ERX Alarms	Minor
usdTraceRouteTestCompleted	.1.3.6.1.4.1.4874.2.2.41.0.3	ERX Alarms	Normal
usdTraceRouteTestFailed	.1.3.6.1.4.1.4874.2.2.41.0.2	ERX Alarms	Critical
usUmcAgentRestartFailed	.1.3.6.1.4.1.4874.6.1.0.2	UMC Alarms	Normal
usUmcAgentShutdown	.1.3.6.1.4.1.4874.6.1.0.4	UMC Alarms	Normal
usUmcAgentStarted	.1.3.6.1.4.1.4874.6.1.0.3	UMC Alarms	Normal
usUmcComponentMIStringChange	.1.3.6.1.4.1.4874.6.1.1.3.1.0.2	UMC Alarms	Normal
usUmcComponentMIUnsignedValueChange	.1.3.6.1.4.1.4874.6.1.1.3.1.0.1	UMC Alarms	Normal
usUmcCompOperStatusChange	.1.3.6.1.4.1.4874.6.1.0.1	UMC Alarms	Normal
usUmcCopsConnectionClosed	.1.3.6.1.4.1.4874.6.1.0.13	UMC Alarms	Normal

Table A-4 Traps (continued)

Trap	OID	Alarm Type	Severity
usUmcCopsConnectionDown	.1.3.6.1.4.1.4874.6.1.0.12	UMC Alarms	Normal
usUmcCopsConnectionRejected	.1.3.6.1.4.1.4874.6.1.0.14	UMC Alarms	Normal
usUmcCopsConnectionUp	.1.3.6.1.4.1.4874.6.1.0.11	UMC Alarms	Normal
usUmcCopsOverload	.1.3.6.1.4.1.4874.6.1.0.15	UMC Alarms	Normal
usUmcDirConnected	.1.3.6.1.4.1.4874.6.1.0.5	UMC Alarms	Normal
usUmcDirConnectionFailure	.1.3.6.1.4.1.4874.6.1.0.6	UMC Alarms	Normal
usUmcDirNotAvail	.1.3.6.1.4.1.4874.6.1.0.7	UMC Alarms	Normal
usUmcGeneralTrap	.1.3.6.1.4.1.4874.6.1.0.10	UMC Alarms	Normal
usUmcThreadMIUnsignedValueChange	.1.3.6.1.4.1.4874.6.1.1.3.1.0.3	UMC Alarms	Normal
uxdApsEventChannelMismatch	.1.3.6.1.4.1.4874.3.2.2.1.2.0.3	ERX Alarms	Warning
uxdApsEventFEPLF	.1.3.6.1.4.1.4874.3.2.2.1.2.0.5	ERX Alarms	Warning
uxdApsEventModeMismatch	.1.3.6.1.4.1.4874.3.2.2.1.2.0.2	ERX Alarms	Warning
uxdApsEventPSBF	.1.3.6.1.4.1.4874.3.2.2.1.2.0.4	ERX Alarms	Warning
uxdApsEventSwitchover	.1.3.6.1.4.1.4874.3.2.2.1.2.0.1	ERX Alarms	Normal
uxdDvmrpNeighborLoss	.1.3.6.1.4.1.4874.3.2.1.1.1.0.1	ERX Alarms	Warning
uxdDvmrpNeighborNotPruning	.1.3.6.1.4.1.4874.3.2.1.1.1.0.2	ERX Alarms	Normal
vrrpTrapAuthFailure	.1.3.6.1.2.1.68.0.2	ERX Alarms	Warning
vrrpTrapNewMaster	.1.3.6.1.2.1.68.0.1	ERX Alarms	Normal
warmStart	.1.3.6.1.6.3.1.1.5.2	ERX Alarms	Major
WkfActiveWorkflowsClear	.1.3.6.1.4.1.4874.6.1.0.10.0.560	UMC Alarms	Normal
WkfActiveWorkflowsCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.561	UMC Alarms	Critical
WkfActiveWorkflowsInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.565	UMC Alarms	Normal
WkfActiveWorkflowsMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.562	UMC Alarms	Major
WkfActiveWorkflowsMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.563	UMC Alarms	Minor
WkfCancelledWorkflowsClear	.1.3.6.1.4.1.4874.6.1.0.10.0.540	UMC Alarms	Normal
WkfCancelledWorkflowsCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.541	UMC Alarms	Critical
WkfCancelledWorkflowsInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.545	UMC Alarms	Normal
WkfCancelledWorkflowsMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.542	UMC Alarms	Major
WkfCancelledWorkflowsMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.543	UMC Alarms	Minor
WkfEventFileSizeClear	.1.3.6.1.4.1.4874.6.1.0.10.0.510	UMC Alarms	Normal
WkfEventFileSizeCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.511	UMC Alarms	Critical
WkfEventFileSizeInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.515	UMC Alarms	Normal
WkfEventFileSizeMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.512	UMC Alarms	Major
WkfEventFileSizeMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.513	UMC Alarms	Minor

Table A-4 Traps (continued)

Trap	OID	Alarm Type	Severity
WkfInstanceFileSizeClear	.1.3.6.1.4.1.4874.6.1.0.10.0.500	UMC Alarms	Normal
WkfInstanceFileSizeCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.501	UMC Alarms	Critical
WkfInstanceFileSizeInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.505	UMC Alarms	Normal
WkfInstanceFileSizeMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.502	UMC Alarms	Major
WkfInstanceFileSizeMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.503	UMC Alarms	Minor
WkfPendingEventsClear	.1.3.6.1.4.1.4874.6.1.0.10.0.550	UMC Alarms	Normal
WkfPendingEventsCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.551	UMC Alarms	Critical
WkfPendingEventsInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.555	UMC Alarms	Normal
WkfPendingEventsMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.552	UMC Alarms	Major
WkfPendingEventsMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.553	UMC Alarms	Minor
WkfPersistentFileSizeClear	.1.3.6.1.4.1.4874.6.1.0.10.0.530	UMC Alarms	Normal
WkfPersistentFileSizeCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.531	UMC Alarms	Critical
WkfPersistentFileSizeInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.535	UMC Alarms	Normal
WkfPersistentFileSizeMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.532	UMC Alarms	Major
WkfPersistentFileSizeMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.533	UMC Alarms	Minor
WkfReportFileSizeClear	.1.3.6.1.4.1.4874.6.1.0.10.0.520	UMC Alarms	Normal
WkfReportFileSizeCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.521	UMC Alarms	Critical
WkfReportFileSizeInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.525	UMC Alarms	Normal
WkfReportFileSizeMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.522	UMC Alarms	Major
WkfReportFileSizeMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.523	UMC Alarms	Minor
WkfRunningWorkflowsClear	.1.3.6.1.4.1.4874.6.1.0.10.0.570	UMC Alarms	Normal
WkfRunningWorkflowsCritical	.1.3.6.1.4.1.4874.6.1.0.10.0.571	UMC Alarms	Critical
WkfRunningWorkflowsInformational	.1.3.6.1.4.1.4874.6.1.0.10.0.575	UMC Alarms	Normal
WkfRunningWorkflowsMajor	.1.3.6.1.4.1.4874.6.1.0.10.0.572	UMC Alarms	Major
WkfRunningWorkflowsMinor	.1.3.6.1.4.1.4874.6.1.0.10.0.573	UMC Alarms	Minor

