297-8991-511

DMS-100

XA-Core

Maintenance Guide

CSP17 Standard 07.02 February 2002

NORTEL NETWORKS
How the world shares ideas.

DMS-100

XA-Core

Maintenance Guide

Publication number: 297-8991-511
Product release: CSP17
Document release: Standard 07.02
Date: February 2002

Copyright © 2000, 2001, 2002 Nortel Networks,
All Rights Reserved

Published in Canada

NORTEL NETWORKS CONFIDENTIAL: The information contained herein is the property of Nortel Networks and is strictly confidential. Except as expressly authorized in writing by Nortel Networks, the holder shall keep all information contained herein confidential, shall disclose the information only to its employees with a need to know, and shall protect the information, in whole or in part, from disclosure and dissemination to third parties with the same degree of care it uses to protect its own confidential information, but with no less than reasonable care. Except as expressly authorized in writing by Nortel Networks, the holder is granted no rights to use the information contained herein.

Publication history

February 2002

Standard Release 07.02, coinciding with CSP17

- As of this release, this document has been discontinued. The information has been consolidated in other XA-Core documents. For instructions on where to find the information that was formerly in this document, see the "About this document" section.

November 2001

Standard Release 06.02, supporting CSP16

- In the chapter titled "Introduction", in the sections on shelf layouts, added information about the 7+1 PE configuration and about the high performance input/output circuit pack.

- In the chapter titled "Logs", in the section on footprint logs, added a note regarding the FOOTPRT MAP level. Also in this chapter, added a section on time-of-day logs. Also in this chapter, in the table listing XA-Core log reports, added entries for logs XAC310 and XAC641.

- In the chapter titled "Operational measurements", added two new HIOP-related OMs, XAHIOP and XAMDIPRT, to OM group XACORE.

- In the Chapter titled "User interface and commands", updated the illustrations of the IO, RTIF, AMDI, and ETHR MAP levels. Also in this chapter, updated the information on RTIF commands: added the \LOADNAME command; deleted the \ENABLE command and the \SELF TEST command

- In the chapter titled "Cards and packlets", added a section describing the high performance input/out processor (HIOP) circuit pack.

- In the chapter titled "Capacity-monitoring tools in an XA-Core", added information explaining that the 1% CPU Allocation parameter is no longer supported in XA-Core.

April 2001

Standard Release 05.01, supporting CSP15

- In the chapters titled “Introduction” and “Cards and packlets”, added information about the PE configurations supported in CSP15: 2+1, 3+1, and 5+1.

March 2001

Standard Release 04.04

- Corrections to minor errors in Release 04.03.

March 2001

Standard Release 04.03

- In the chapter titled “Capacity monitoring tools in an XA-Core”, added notes stating that when multiple PEs are out of service, the values displayed in certain fields on the Capacity MAP screen are incorrect and invalid.

October 2000

Standard Release 04.02

- Content maintenance and revisions

August 2000

Standard Release 04.01

- Added 3+1 configuration for PE cards, and the capability to provision up to 10 SM cards.

- Replaced “How to problem solve a store allocation error of a MemLim alarm” with the chapter titled “How to problem solve a MemLim alarm”.

- Added the Ethernet interface packlet and ETHR MAP display and commands required for trials of Succession Network IP solutions. Ethernet packlet is not scheduled for general availability until CSP15.

- Added the chapter titled “Capacity monitoring tools in an XA-Core”.

May 2000

Standard Release 03.02

- Added AMDI MAP level commands

March 2000

Standard release 03.01

- Updated processor element (PE) and shared memory configurations (SM)

November 1999

Standard release 02.02

- Add NTLX02CA processor element.

August 1999

Standard release 02.01

- Updates and format cleanup.

June 1999

Standard release 01.01

- First release of this document.

About this document

To eliminate duplications in the XA-Core documentation, the information that was formerly found in the *XA-Core Maintenance Guide* has been consolidated in other XA-Core documents. These changes occurred as of the CSP17 release of the XA-Core documents. The following table indicates where to find the information that was formerly in the *XA-Core Maintenance Guide*.

Table 1 Where to find the information that was formerly in this document

Former chapter in *XA-Core Maint. Guide*	New location of the information
“Introduction” chapter	*XA-Core Reference Manual*, 297-8991-810, “Introduction” chapter
“Preventive maintenance methods” chapter	*XA-Core Maintenance Manual*, 297-8991-510, “Preventive maintenance” chapter
“Logs” chapter	*XA-Core Reference Manual*, 297-8991-810, “Understanding XA-Core log reports” chapter
“Operational measurements” chapter	*XA-Core Reference Manual*, 297-8991-810, “XA-Core operational measurements” chapter
“User interface and commands” chapter	*XA-Core Reference Manual*, 297-8991-810, “XA-Core MAP levels and user interfaces” chapter
“Cards and packlets” chapter	*XA-Core Reference Manual*, 297-8991-810, “XA-Core hardware description overview” chapter
“Problem isolation and correction” chapter	*XA-Core Maintenance Manual*, 297-8991-510, “Problem isolation and correction” chapter
“How to solve a MemLim alarm” chapter	*XA-Core Maintenance Manual*, 297-8991-510, “How to solve a MemLim alarm” chapter
“Capacity-monitoring tools in an XA-Core” chapter	*XA-Core Reference Manual*, 297-8991-810, “Capacity-monitoring tools in an XA-Core” chapter

DMS-100

XA-Core

Maintenance Guide

Copyright © 2000, 2001, 2002 Nortel Networks,
All Rights Reserved

NORTEL NETWORKS CONFIDENTIAL: The information contained in this document is the property of Northern Telecom. Except as specifically authorized in writing by Northern Telecom, the holder of this document shall keep the information contained herein confidential and shall protect same in whole or in part from disclosure and dissemination to third parties and use same for evaluation, operation, and maintenance purposes only.

Publication number: 297-8991-511
Product release: CSP17
Document release: Standard 07.02
Date: February 2002
Published in Canada

NORTEL NETWORKS™

How the world shares ideas.