Read Before Installing MPE/iX Release 7.0 Express 1 Non-Platform Software Release (C.70.01)

HP e3000 MPE/iX Computer Systems

Edition 3

Manufacturing Part Number: 30216-90327
E0801

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Hewlett-Packard Company
3000 Hanover Street
Palo Alto, CA 94304 U.S.A.

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1 Information You Need Before Installing MPE/iX 7.0 Express 1

Announcements

- 9x7s not supported in 7.0 The decision has been made to not support 9x7s on the 7.0 release. The final version of MPE/iX Release 7.0 will not boot on 9x7 systems.
- 6250 half inch tapes will not be supported as a distribution media in 7.0. As a matter of fact we are going to end the support for all releases sometime this year.

Release Notes

For SAMBA Users: Special Installation Instructions

Before installing or using the Samba/iX product on MPE/iX 7.0 Express 1, please visit http://jazz.external.hp.com/src/samba/ for important installation instructions.

DCE/RPC 1.2.1 Not in Express 1

Unlike what is stated in the 7.0 Express 1 Communicator, the MPE/iX 7.0 Express 1 release does not contain the new versions of the 2 products (DCE/RPC 1.2.1). We intend to make RPC/DCE 1.2.1 available as patches for download shortly after Express 1 is released.

CR# JAGad64465: SHUT6 Not Reached When STM Running on A500

If the Support Tools Manager (STM) is not shut down prior to doing a =SHUTDOWN, then the =SHUTDOWN will pause for 5 minutes or longer between the Shut4 and Shut6 messages, for example:

```
Shutdown of system processes begins. (Shut 4)
/*5 minute or longer pause */
Shutdown of operating system complete. (Shut 6)
```

To avoid this delay, shut down STM before the network is stopped by entering the `stmshut` command in cstm.

```
:cstm
cstm>stmshut
cstm>exit
:nscontrol stop
:netcontrol stop
=SHUTDOWN
```

CR # JAGad83567: Version Mismatch on TIO_TLDM_VER Module

The version of the TIO_TLDM_VER module included in MPE 7.0 Express 1 causes a version mismatch in the MPE/iX Terminal I/O 32022C subsystem via NMMAINT,26. This is caused because the incorrect version of the module was included in the patch CONGD15. There is no external functional difference between this version and the correct one. This module is only used on the console port, the remote mode port and the UPS port. There will be no effect on system operations due to this version mismatch. A new patch with the correct version will be created after MPE 7.0 Express 1 is released.

Software Product and System Patches

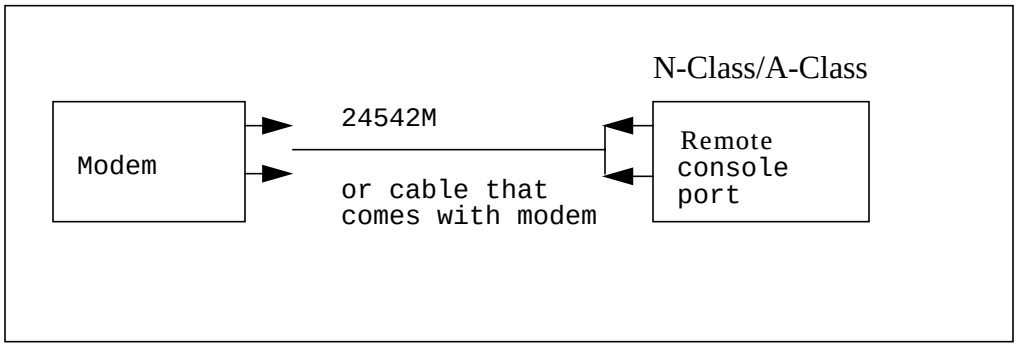
Software Product	PATCH ID
WAN, ACC support for IOVA	ACCGD50 A
Predictive Support	CONGD15 A
Mesa based Predictive	OSPLXD2 C QUELXP5 C
Apache PH. II-B	APCGD14 A
Image/SQL	ATCLXV1 A
100 Base T on Core I/O Card	LNCGD27 A PBTGD53 A BT1GD36 A VG1GD39 A VGFGD42 A
HA Cluster/iX ARM,XP MANAGER	ARMLXW9 A XPMLXD9 B
Allbase/SQL	SQLLXD8 A
TurboImage/iX	TIXLXL4 B
Hot Spot Java SDK 1.3	JAVLXP4 F
Samba 2.0.7	SMBLXT2 B
Mesa Diagnostics	ODILXT4 A
SPT/iX	SPTLXR1 C
HPBROWSE/iX	BROLXR2 C
HPSEARCH/iX	SEALXR4 A SRCLXQ6 A
Glance/iX	GLALXR3 C
SCOPE	SCOLXR6 A
Network Service NSS	NSSGD80 A NSTGD45 A
SNMP	SNMGD43 A
SNA	SNAGD52 A
FDDI	FDDGD46 A

Software Product	PATCH ID
Support Tools	NRCLXP0 C
SNA	SNAGD52 A
HP BRW	BBRLXJ1 C
Transact/iX	TRXLXP8 C TRRLXP7 C
Firmware	FWSLXT5 C
Interserv	INTGD33 A
Serial Datacom	TSMGD73 A
MPE/iX	MPEKXK4 F MPELX67 C MPELX98 B MPELXC2 D MPELXD0 C MPELXJ3 D MPELXK3 C MPELXK7 C MPELXL0 B MPELXL2 J MPELXL5 B MPELXL7 C MPELXL8 C MPELXN0 A MPELXN1 A MPELXN2 C MPELXN7 A MPELXP3 B MPELXP9 A MPELXQ0 A MPELXQ8 A MPELXQ9 A MPELXU2 A MPELXU3 A MPELXV9 A MPELXW1 A MPELXW5 B MPELXW8 B MPELXX0 C MPELXX1 A

2 Modem Connections on A- and N-Class

The modem that is supported on the Remote console port on the N-Class and A-Class systems is the MultiTech Model MT5634ZBA (HP part No: 0960-1074).

The physical connection is:



The cable is connected to the 9 pin Remote Console Serial port on the coreI/O card. Connect the modem to the system and to the phone line. Make sure the modem is connected to the AC power and is turned on. There is a small switch on the side of the modem.

The following is the dialog to verify and configure the modem:

```
==========================================

GSP Host Name:  <systemname>

GSP> CA


CA

==================================
```

This command allows you to modify the local and remote modem serial port configurations. Current configuration settings:

```
 Local Console Serial Port bit rate: 9600 bits/s

  Local Console Serial Port Flow Control: Software

  Local Console Serial Port Terminal Type: hpterm

  Remote Console Serial Port Modem Protocol: CCITT

  Remote Console Serial Port Modem bit rate: 19200 bits/s

  Remote Console Serial Port Modem Flow Control: Software

  Remote Console Serial Port Modem Transmit Configuration Strings: Enabled

  Remote Console Serial Port Modem Presence: always connected


Do you want to modify the Local Console Serial Port settings? (Y/[N])


Do you want to modify the Remote Console Serial Port Modem settings? (Y/[N])
```

```
==================================
```

If the parameters are not correct for the Remote Console Serial port, then answer “Y” to the second prompt. Here is the full dialog to change the configuration if needed:

```
Do you want to modify the Remote Console Serial Port Modem settings? (Y/[N])
y
y

   Current Remote Console Serial Port Modem Protocol: CCITT
   Do you want to modify it? (Y/[N]) y
y
   Enter Modem Protocol (Bell / CCITT): c
c
   New Modem Protocol: CCITT
   Confirm? (Y/[N]): y
y
      -> Modem Protocol will be updated.

   Current Modem bit rate: 19200 bits/s
   Do you want to modify it? (Y/[N]) y
y
   Enter Modem bit rate (in bits/s): 19200
19200
   New Modem bit rate: 19200 bits/s
   Confirm? (Y/[N]): y
y
      -> Modem bit rate will be updated.

   Current Flow Control: Software
   Do you want to modify it? (Y/[N]) y
y
   Enter Flow Control (Hardware / Software): s
s
   New Flow Control: Software
   Confirm? (Y/[N]): y
y
      -> Flow Control will be updated.

   Transmit Configuration Strings: Enabled
   Do you want to modify it? (Y/[N]) n
n
```

```
   Modem Presence: always connected
   Do you want to modify it? (Y/[N]) n
n
Command execution may take 25 seconds.

   -> Settings have been updated.

GSP Host Name:  <systemname>
GSP>
====================================

Now enable the remote console:

GSP Host Name:  <systemname>
GSP> er

ER

Current remote/modem port access: GSP

Do you want to modify this configuration? (Y/[N]) y
y
Remote/modem serial port access options:

    [L]ocked-out: Lock out all dial-in access.
    [G]SP       : Dial-in results in a GSP login.
    [S]ession   : O/S controls modem for dial-in and dial-out

GSP may page in any mode if modem is not in use.
O/S may use modem in Session mode only.

Please indicate the new mode for the remote/modem console serial port,
or <CR> to retain current value. Choose one of (L, G, S): g
g
    New remote/modem port access settings will be: GSP

   Confirm? (Y/[N]): y
y
Command execution may take 25 seconds.
```

```
Current remote/modem port access: GSP


GSP Host Name:  <systemname>

GSP>

====================================

This should be all that is needed to enable the remote console modem port.

If you are using a terminal emulator on a PC such as WRQ Reflections, then go to the connection menu and
select 'disconnect'. If the system is booted and at the CI prompt, do the following:

:pause 10
+++
ath0
```

This will cause the local modem to drop the connection and leave the local console in the proper state. The “pause” command is entered so the modem escape string (+++) is not echoed to the remote modem. If the escape string is echoed back to the remote modem, then the modem connected to the system also goes offline and prevents the user from disconnecting the local modem. If needed you can reset the modem from the GSP on the local or LAN console port with the GSP command “MR” for modem reset