

Enterprise Cluster Master Toolkit Version A.11.00 Release Notes



B5139-90001

November 1997

© Copyright 1997 Hewlett-Packard Company

Legal Notices

The information contained in this document is subject to change without notice.

Hewlett-Packard makes no warranty of any kind with regard to this manual, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or direct, indirect, special, incidental or consequential damages in connection with the furnishing, performance, or use of this material.

Copyright © 1997 Hewlett-Packard Company.

This document contains information which is protected by copyright. All rights are reserved. Reproduction, adaptation, or translation without prior written permission is prohibited, except as allowed under the copyright laws.

HP ClusterView, HP OpenView, HP OpenView IT/Operations, MC/LockManager, and MC/ServiceGuard are products of Hewlett-Packard Company, and all are protected by copyright.

Corporate Offices:

*Hewlett-Packard Co.
3000 Hanover St.
Palo Alto, CA 94304*

Use, duplication or disclosure by the U.S. Government Department of Defense is subject to restrictions as set forth in paragraph (b)(3)(ii) of the Rights in Technical Data and Software clause in FAR 52.227-7013.

Rights for non-DOD U.S. Government Departments and Agencies are as set forth in FAR 52.227-19(c)(1,2).

Use of this manual and flexible disc(s), compact disc(s), or tape cartridge(s) supplied for this pack is restricted to this product only. Additional copies of the programs may be made for security and back-up purposes only. Resale of the programs in their present form or with alterations, is expressly prohibited.

A copy of the specific warranty terms applicable to your Hewlett-Packard product and replacement parts can be obtained from your local Sales and Service Office.

Enterprise Cluster Master Toolkit Version A.11.00 Release Notes

1

Announcements

The Enterprise Cluster Master Toolkit is a set of templates and scripts that allow you to configure MC/ServiceGuard and MC/LockManager packages for the HP Domain Internet servers as well as for several third-party database management systems. This unified set of high availability tools is being released together in version A.11.00 with the following product number:

- B5139BA -- license and media

The master toolkit is a collection of specific product toolkits, which include the following:

- HA internet toolkit for use with HP Domain server products.
- Database toolkits for Oracle, Informix, Sybase, and Progress database management systems.

Formerly, the database toolkits were documented in the MC/ServiceGuard Release Notes.

What's In this Version

The A.11.00 version includes versions of the toolkits that are compatible with the HP-UX 11.0 operating system and with MC/ServiceGuard A.11.00. Effective with this release, the following product toolkits are available:

- HA Internet Toolkits. These toolkits enable you to run all your Domain server software as MC/ServiceGuard packages. Each toolkit contains example scripts and package configuration files, together with a README file that explains how to customize the package for your needs. Toolkits are provided for the following Domain components:
 - FastTrack Server
 - Enterprise Server
 - Enterprise Server Pro
 - Proxy Server
 - Directory Server
 - Messaging Server
- Database Toolkits. These are provided to simplify the setup of ServiceGuard packages for your database software. Each toolkit contains example scripts and package configuration files, together with a README file that explains how to customize the package for your needs. Toolkits are included for the following database products:
 - Informix
 - Oracle
 - Progress
 - Sybase

Known Problems and Workarounds

The following describes known problems with the Enterprise Cluster Master Toolkit Version A.11.00 and workarounds for them.

Naming of Server Instances in Domain Toolkits

- What is the problem? If you configure multiple instances of the same Netscape server type, and the ServerID of one server is a substring of the ServerID of another server, MC/ServiceGuard may fail the wrong package unexpectedly.
- What is the workaround? Choose distinct, non-overlapping instance names as in the following example:

```
ServerID1:      httpd-default1
ServerID2:      httpd-default2
```

Do *not* use `httpd-default` for ServerID1 and `httpd-default1` for ServerID2.

Compatibility Information and Installation Requirements

Compatibility

The Enterprise Cluster Master Toolkit requires the installation of either MC/ServiceGuard (B3936AA) or MC/LockManager (B5158AA). Compatible versions of MC/ServiceGuard and MC/LockManager are shown in the following table:

Table 1-1 Toolkit Compatibility with MC/ServiceGuard and MC/LockManager

Master Toolkit	MC/ServiceGuard	MC/LockManager
A.11.00	A.10.06 or greater	A.10.06 or greater

Compatible versions of database and Internet scripts are shown in the following table:

Table 1-2 Script Compatibility with Internet Servers and Databases

Internet Server or Database Name	Internet Server or Database Version	Internet Server or Database Toolkit Version
FastTrack Server	B.03.01 and earlier	A.10.10
Enterprise Server	B.03.01 and earlier	A.10.10
Enterprise Server Pro	B.03.01 and earlier	A.10.10
Proxy Server	B.02.05.03	A.10.10
Directory Server	B.01.03 and earlier	A.10.10
Messaging Server	B.03.01	A.10.10
Informix	All	A.10.08.01

Compatibility Information and Installation Requirements

Internet Server or Database Name	Internet Server or Database Version	Internet Server or Database Toolkit Version
Oracle	7.xx	A.10.08.01
Sybase	10.0.2	A.10.08.01
Progress	7.3.A	A.10.08.01

Installation

Use the HP-UX `swinstall` command to install the Enterprise Cluster Master Toolkit on the cluster node where you plan to perform package configuration tasks. The locations of the specific toolkits are given in the next sections.

Locations of Internet Toolkits

The Internet toolkits are found in the following directories:

Table 1-3 Directory Pathnames of Internet Toolkits

Internet Toolkit	Directory Pathname
FastTrack Server	<code>/opt/cmcluster/toolkit/fasttrack</code>
Enterprise Server	<code>/opt/cmcluster/toolkit/domain</code>
Enterprise Server Pro	<code>/opt/cmcluster/toolkit/domain</code>
Proxy Server	<code>/opt/cmcluster/toolkit/domain</code>
Directory Server	<code>/opt/cmcluster/toolkit/domain</code>
Messaging Server	<code>/opt/cmcluster/toolkit/domain</code>

Follow the instructions in the README file that accompanies the toolkit you wish to configure as a package.

Locations of Database Toolkits

The database toolkits are found in the following directories:

Compatibility Information and Installation Requirements

Table 1-4 Directory Pathnames of Database Toolkits

Database Toolkit	Directory Pathname
Informix	/opt/cmcluster/toolkit/informix
Oracle	/opt/cmcluster/toolkit/oracle
Sybase	/opt/cmcluster/toolkit/sybase
Progress	/opt/cmcluster/toolkit/progress

Follow the instructions in the README file that accompanies the toolkit you wish to configure as a package.

What Manuals are Available for this Version

For information about configuring packages using the toolkits, refer to the following manuals. In addition, be sure to review the README file that accompanies the toolkit you are using.

- *Managing MC/ServiceGuard (B3936-90019)*
- *Configuring OPS Clusters with MC/LockManager (B5158-90001)*

Patches and Fixes in this Version

There are no bug fixes or patches included in the Enterprise Cluster Master Toolkit Version A.11.00.

Software Availability in Native Languages

The Enterprise Cluster Master Toolkit is not available in native language versions.