



Change Control Information for HP Revision and Configuration Management for HP OpenVMS

Summary

HP Revision and Configuration Management (RCM) for HP OpenVMS is a revision and configuration reporting system. It collects configuration and revision data from a system and sends it to a secure data repository within HP Mission Critical and Proactive Services. This data repository is the RCM Server. The data collected gives details of the hardware and software configuration of the system. It includes, where applicable, version and revision information. The data is then made available through the RCM user interface, or forwarded to the Electronic Site Management Guide (eSMG) server, where HP technical specialists view the data in the form of reports.

Impact and Information Summary	
Product name	HP RCM Data Collector for HP OpenVMS
Version	V5.0
Supported operating systems	HP OpenVMS Version 6.2-1 to Version 7.3-2, running on all HP VAX systems and all HP AlphaServer systems.
Supplier	HP
Default installation directory	Any
Disk space requirements*	Approximately 5000 blocks of free disk space for each node on which you want to run the data collection.
Privilege requirements	<p>The following privileges are required:</p> <ul style="list-style-type: none"> ▪ OPER ▪ DIAGNOSE ▪ SYSPRV ▪ CMKRNL ▪ SYSLOCK ▪ PHY_IO ▪ ALTPRI ▪ WORLD ▪ BYPASS
Software dependencies*	DECevent Version 3.4 for HP AlphaServer systems with FRU Table 4.0 support. HP AlphaServer models DS10, DS10L, DS20, DS20E, DS25, ES40, ES45, GS80, GS160, GS320, and GS1280 must also have WEBES installed.
Installation media	Tape or Network
Installation mechanism	PRODUCT INSTALL
License PAK required	No
Software removed after review	At customer discretion.
Privileged account required for running	Yes
Startup files modified	Yes, if you choose to run the data collection at startup.
Run time, approximate (elapsed)	15 minutes depending on processor model.
Output format	Binary data file
Data removed from site	Yes
Network connection required	Yes, if collected data is transported automatically to HP. Collected data can also be transported manually.
Security impact*	None
Performance impact*	None
Emergency stop procedure*	\$ @RCM\$DIR:RCM_STOP
Deinstallation procedure*	\$ product remove rcm
Installation prerequisites	DECevent Version 3.4 (if a FRU Table 4.0 system), WEBES (for HP AlphaServer models DS10, DS10L, DS20, DS20E, DS25, ES40, ES45, ES47, GS80, GS160, GS320, and GS1280). For machines running OpenVMS V6.2-1 on VAX or AlphaServer systems, you must first install the following patch kit: VMS62TO71U2_PCSI-V0200.
Installation incompatibilities	None
System shutdown required	No
Customer proprietary information collected	None

* More detailed information provided overleaf

Disk Space

Approximately 5000 blocks of free disk space per node are required to run the data collection. The data collectors should be installed on a disk drive that is accessible to all nodes within the cluster.

Software Dependencies

On HP AlphaServer systems with FRU Table 4.0 support, you may need to configure the SRM console firmware to write FRU Table information to the event log at boot time. To configure the SRM console firmware to write FRU Table information to the event log at boot time, enter the following console command:

```
>>> SET FRU_TABLE ON
```

Security Impact

RCM is usually installed, configured, and run from a system-privileged account, normally `system`. RCM does not alter security settings during the normal execution of the data collector and has no security implications.

Performance Impact

The RCM data collection collects static system information, and can be scheduled to run outside peak hours to minimize system impact.

Emergency Stop Procedures

To stop the data collection, enter the following command:

```
$ @RCM$DIR:RCM_STOP
```

This kills all of the RCM processes running on all nodes in the cluster.

Deinstallation Procedure

To deinstall the RCM Data Collector, enter the following command:

```
$ product remove rcm
```

Then follow the instructions displayed on the screen. For information on deinstalling DECevent, refer to the DECevent documentation. A sample deinstallation follows:

```
The following product has been selected:
DEC VAXVMS RCM V4.2-474                Layered Product
Do you want to continue? [YES] Y
The following product will be removed:
DEC VAXVMS RCM V4.2-474                Layered Product
Portion done: 0%...40%...50%...60%...70%...80%...100%
The following product has been removed:
DEC VAXVMS RCM V4.2-474                Layered Product
```