

COMPAQ

AlphaServer GS80/160/320 System Management Console

Installation and Release Notes for version 3.2

April 2001

Partition management update

The *AlphaServer* GS series system management console (SMC) provides the access point for managing system console functions such as power-up, diagnostics, system partitioning, and console display and logging. For systems with multiple console lines, such as partitioned systems or those with a backup console line, a terminal server is used to concentrate the multiple console lines and present them to the system management console so the operator can manage all partitions from a single point.

This update to the SMC software includes an update to the *Compaq AlphaServer* Partition Manager (CAPM). CAPM is a graphical application that simplifies the creation and management of partitions on a GS80/160/320 system. CAPM runs on the SMC and, through a wizard-like series of screens, enables you to work with partitions without using the console commands involved. These can be hard partitions and, if OpenVMS Galaxy is the operating system in a hard partition, soft partitions.

The following are notes on installing the software, along with additions or changes since the printing of the *AlphaServer GS80/160/320 System Management Console Installation and User's Guide*. A soft copy of this manual has been provided in this installation. The file, GSCON-IN-D01.PDF, is in the Documentation folder on the SMC desktop.

Adding or replacing software or hardware

The PC that is supplied as part of the system management console is supported by Compaq only with the hardware and software configuration provided. To maintain this support, you may not add or replace any components except as provided by Compaq.

Installation Notes

Installing the V3.2 software

1. Check the version of SMC software that is installed on the system.

Check for V3.1 – Click the Version icon (see below) on the desktop. If the display indicates that V3.1 has been installed, go to step 2. If there is no Version icon, check for V3.0.



Check for V3.0 – Look for the ConsoleWorks icon. If it is present, V3.0 is on the system, so only V3.1 must be installed before proceeding with this installation. If the ConsoleWorks icon is not on the SMC desktop, V3.0 must be installed. See the table below for kit part numbers for versions 3.0 and 3.1.



NOTE: V3.1 is required on the SMC system before V3.2 can be installed, and V3.0 must be on the SMC system before V3.1 can be installed. Do not attempt to install a higher version unless the previous versions are already on the system.

2. Download the V3.2 installation kit from <http://ftp.digital.com/pub/Digital/Alpha/firmware/interim/smc/> at the link SMC V3.2 under Software Updates.
3. From the start button select Run, and browse to the file SMC-V3.2-SETUP.EXE; click OK. Alternatively, locate this file in Windows Explorer and double-click it.
4. Follow the instructions on the screen. This installation takes approximately three minutes to complete.

SMC Software Update Kits

Version	Date	Part Number	Contents
3.1	February 2001	QB-6NQAA-SA	CD-ROM (AG-RNVCA-BE) Release notes (AA-RNWRA-TE)
3.0	September 2000	QB-6K4AA-SA	CD-ROM (AG-RMDRB-BE) Release notes (AV-RMDQB-TE)

Release Notes

CAPM update

This update to the *Compaq AlphaServer* Partition Manager (CAPM) improves advanced soft partitioning and display on Tru64 UNIX, and it supports handling of faulted components or partitions that are powered off.

Using CAPM from Tru64 UNIX

CAPM requires the Java 2 Runtime Environment 1.3 and the Java 2 plugin 1.2.2 for Tru64 UNIX. These kits are available from <http://www.compaq.com/java>. The JRE 1.3 must be installed as the default Java Runtime Environment, or `/usr/opt/java130/bin` must appear before `/usr/bin`.

When these kits are configured appropriately for CAPM, entering `'java -version'` in a shell displays:

```
java version "1.3.0"  
Java(TM) 2 Runtime Environment, Standard Edition  
Classic VM (build 1.3.0-1, native threads, jit)
```

When you see this message you can use CAPM remotely, as described in Section 7.3 of the *AlphaServer GS80/160/320 System Management Console Installation and User's Guide*.

Soft partitions

Soft partitions can be configured only on hard partitions that use the OpenVMS Galaxy operating system. This is the only operating system that supports soft partitions.

When soft partitions are created using the Basic Soft Partitions option, information on these soft partitions cannot be viewed later using the Advanced Soft Partitions option. If you force viewing using the advanced option and then press OK on the Advanced Soft Partitions screen, all previous soft partition information may be lost.

See Section 9.5.5 of the *AlphaServer GS80/160/320 System Management Console Installation and User's Guide* before using the Advanced Soft Partitions option. The settings you enter for advanced soft partition variables are the same as those you would enter at the console.

Abnormal termination

If, due to an error, you are forced to terminate the CAPM utility via the Windows NT Task Manager, you must also stop and restart the Compaq CAPM Server service. See Section 11.5 of the *AlphaServer GS80/160/320 System Management Console Installation and User's Guide* for instructions on working with Windows NT services.

Windows display settings

CAPM is designed to work with any resolution higher than 800x600. Setting the Windows NT desktop theme to large fonts can cause problems with some application screens because the title bar takes up more space in the window.

Faulted components

CAPM can be used to remove a faulted component from the partition map. CAPM reports when some components have faulted, but the SCM **show system** command and console logs must still be used to determine the cause of the fault. If you assign faulted components to hard partitions, CAPM may be unable to commit your partition map successfully, and it will report errors.

When CAPM reports an error during the discovery or commit process, use the console logs and console commands to determine the cause of the error.

Powered off QBBs and partitions

This version of CAPM enables you to assign to hard partitions QBBs that are powered off. When you assign such a QBB to a hard partition, CAPM disables soft partitioning, because CAPM cannot determine how much memory is available in the QBB.

When CAPM commits a partition map, all hard partitions and QBBs in those partitions are powered on. If a QBB or hard partition was powered off due to faulted components, CAPM may report errors as described above.

When all hard partitions are powered off, CAPM reports an error message. Power on one or more partitions, either through the OCP power switch or the SCM **power on** command.

eXcursion update

eXcursion language support had been expanded to include Hebrew, German, and French. Several font files are installed on the SMC system by the V3.2 installation.

Documentation folder on the SMC desktop

The documentation folder on the SMC desktop contains the manual *AlphaServer GS80/160/320 System Management Console Installation and User's Guide* as well as the release and installation notes for V3.2, V3.1, and V3.0 of the SMC software. All documents are in PDF format.

SMC information on the Web

You can now find documentation, updated SMC software, and frequently requested information about the system management console on the Web at <http://ftp.digital.com/pub/Digital/Alpha/firmware/interim/smc>.