

COMPAQ

AlphaServer GS80/160/320 System Management Console

Installation and Release Notes for version 4.0

AA-RRNEA-TE

March 2002

System management update

The *AlphaServer* GS series system management console (SMC) provides the access point for managing multiple systems, including system-specific console functions such as power-up, diagnostics, system partitioning, and console display and logging. For a single system 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. For multiple systems with multiple console lines, a terminal server is used to concentrate the multiple lines from a system. A network hub consolidates the lines from the terminal server and presents them to the system management console.

This update to the SMC software includes an update to the *ConsoleWorks* software, an update to the *Compaq AlphaServer* Partition Manager (CAPM), and the addition of two new utilities, the Console Group Validator utility (CGValidator) and Expunge.

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.

New Features

Multiple AlphaServer Management. This release of the SMC lets you manage multiple *AlphaServer* GS80/160/320 systems from one SMC. Existing SMC software has been modified to allow this capability, and one new utility has been added:

CGValidator is a new utility that determines what groups of console lines are attached to the SMC, and of these groups, which can be partitioned using CAPM. That is, you are presented with a list of groups and allowed to check those that contain console lines connected to one system. CGValidator is run under these circumstances:

- When a system is added to a set of systems.
- When adding, removing, or moving console lines.
- When the software of an existing SMC is upgraded to V4.0.

The *AlphaServer GS80/160/320 System Management Console Installation Guide* describes CGValidator.

ConsoleWorks Telnet Listener. In addition to the CWTerm utility, you may now use Telnet Listener to connect to a command line interface in a given system. See the *AlphaServer GS80/160/320 User's Guide* for details.

Installation Notes

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 Guide*. A soft copy of this manual has been provided in this installation. The file, GSCON-IN-E01.PDF, is in the Documentation folder on the SMC desktop.

Installing the V4.0 software

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

Check for V3.2 – Click the Version icon (see below) on the desktop. If the display indicates that V3.2 has been installed, go to step 2. If the display indicates that V3.1 has been installed, you must install V3.2 before installing V4.0. If there is no Version icon, check for V3.0.



Check for V3.0 – Look for the ConsoleWorks icon (see below). If it alone is present (without the SMC icon, above), V3.0 only is on the system, and V3.1 and V3.2 must both be installed before proceeding with this installation. If the ConsoleWorks icon is not on the SMC desktop, V3.0 must be installed first. See the table below for kit part numbers for versions 3.0 and 3.1.



NOTE: V3.2 is required on the SMC system before V4.0 can be installed. Likewise, 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.

1. Insert the V4.0 CD in the CD-ROM drive. Follow the instructions presented. The installation takes approximately 10 minutes to complete.

SMC Software Update Kits

Version	Date	Part Number	Contents
3.2	April 2001	(Available on the website)	
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)

Changes to Consider

Multiple licenses. Version 4.0 of the SMC allows the SMC to control and work with multiple *AlphaServer* GS80/160/320 systems. Each SMC comes with a ConsoleWorks license for a single *AlphaServer* with up to eight console lines. An additional license is needed for each additional *AlphaServer* system, as noted in the *AlphaServer GS80/160/320 Installation Guide*.

Consoleworks. Some ConsoleWorks files have moved to new directories with V4.0. To find new locations, search C:\Cwks for files of interest to you.

Partitions and Shared Memory. When setting up partitions for OpenVMS GALAXY, the following rules must be followed:

- If one or more shared memory allocations are targeted to a specific QBB, this allocation **MUST** be a multiple of 64 MB and must end at a 64 MB boundary, for example:

```
set lp_shared_memory 0 = 64MB, 1=64MB, 3=128MB
```
- If the shared memory is not targeted to a QBB, this allocation must be in multiples of 8 MB starting on an 8 MB boundary. The console will allocate the shared memory correctly.

Power Outage or Inadvertent Cancellation of Install

If your SMC loses power in the middle of installation, or you inadvertently click the “X” box in the upper right corner of a window during the install process, you must restart the whole installation, beginning with V3.0, adding V3.1, 3.2, and 4.0.

Documentation folder on the SMC desktop

The documentation folder on the SMC desktop contains the manual *AlphaServer GS80/160/320 System Management Console Installation Guide* and the *GS80/160/320 System Management Console User's Guide*, as well as the release and installation notes for V4.0, 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/smc.html>

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