COMPAQ

AlphaServer GS80/160/320 System Management Console

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 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 having to know anything about 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 on the *AlphaServer* GS80/160/320 Console Management Software CD (AG–RNVCA–BE). The file, GSCON-IN-D01.PDF, is at the top level of the CD. In addition, a desktop icon is provided to display the PDF version of the manual.

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.

Unsupported console lines

CAUTION: The AlphaServer SMC subsystem is designed and licensed to be connected to the console lines of a single AlphaServer GS80/160/320 system only. Connecting lines other than those supported may result in unpredictable and possibly destructive behavior in unsupported devices, as well as unpredictable behavior within the SMC subsystem.

Modem drivers

For your convenience, the drivers for the Multitech modem have been included in the \modem directory on this CD. If it is necessary to reload the modem, refer to the modem setup section in the SMC manual.

Installation Notes

Installing the V3.1 software

Install the software from the SMC V3.1 CD

CAUTION: Carbon Copy 32 will be replaced during the installation. It is advisable to save the configuration and profile files prior to the installation, so that they can be restored following the installation. You may also want to save the Carbon Copy 32 Ccw32.ini file and all .ccu files (*.ccu) in C:\Program files\carbon copy 32.

NOTE: During the installation process, restart the computer every time you are given the option to do so. Failure to do this can corrupt the installation.

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1. Obtain a fixed IP address for the SMC system from the network administrator.

2. Insert the SMC V3.1 CD in the CD drive. The Installation Options page displays.

3. Click the "install" link. If the SMC system does not have V3.0 software installed, a screen displays asking you to install V3.0 first. **Do not try to install the V3.1 upgrade if the V3.0 software is not installed.**

    When the "install" link is clicked, a message displays asking if you want to save the program to disk or run it from its current location. Select *Run this program from its current location.* Click OK.

4. If the latest version is not installed, the Compaq Management Agents install; some user intervention is required. In the Compaq Management Agents Setup program window, select the Typical Upgrade button. In the next screen click Next. When the installation is complete, select the option to restart the system. Click Finish.

5. If the latest version is not installed, the Web Management Agent installs. Accept all defaults and restart the computer now. If a message with the text "At least one service or driver failed during system startup. Use Event Viewer to examine the event log for details" displays, click OK.

6. Three applications are uninstalled in preparation for installing newer versions: Acrobat Reader, WorldWire, and Carbon Copy 32. Some user intervention is required, as explained in the screen "These 'uninstall' messages," which displays along with the first message about Acrobat Reader.

    If a message displays asking how to handle shared files, select Yes to all. With the exception of the window shown here, accept all defaults. In this window, select Remove.
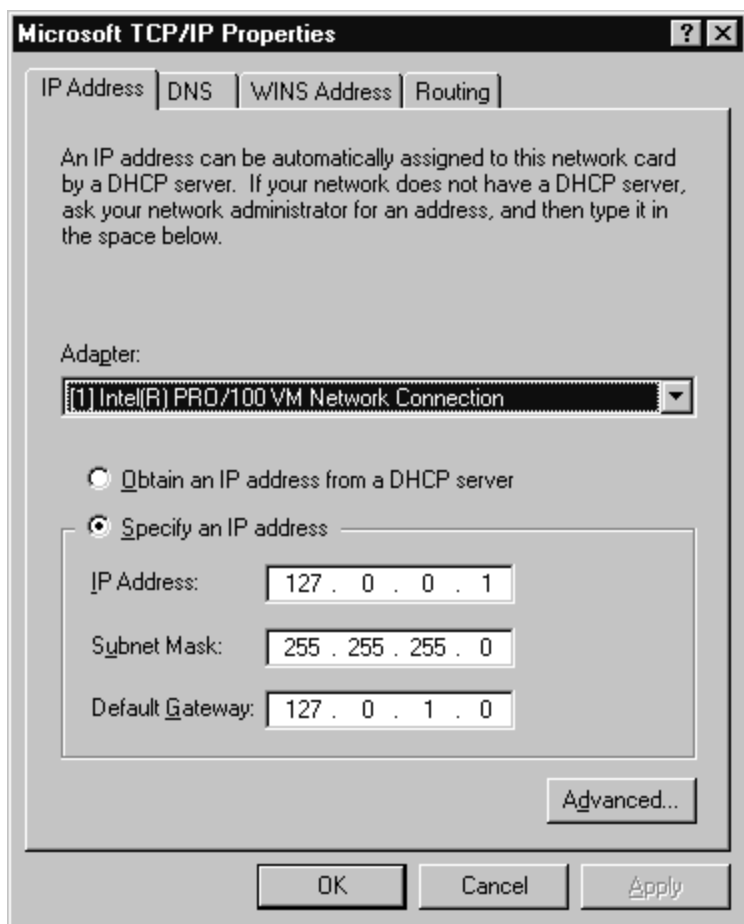

7. At the end of the Carbon Copy 32 uninstall, you are asked if you want to restart the computer. Click Yes.

8. The SMC V3.1 software installs. When the installation is finished, remove the V3.1 CD from the drive.

When the SMC system restarts, it displays the SMC Web page. If the computer name has changed, the SMC Web page URL must be changed. It should be http://*name.domain*:2301/smc/smc.htm. Type this URL in Address box, and make it the home page (select Tools|Internet Options; in the Home page block, click the button Use Current).

If the SMC system does not have a fixed IP address, give it one now

1. Open the Windows Control Panel: From the Start menu select Settings|Control Panel.

2. Double-click the Network icon. The Network dialog box displays.

3. Select the Protocols tab. Highlight TCP/IP and click the Properties button. The Microsoft TCP/IP Properties box displays.

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NOTE: The IP address values in the illustration are an example only. Obtain the correct values for this installation from the network administrator.
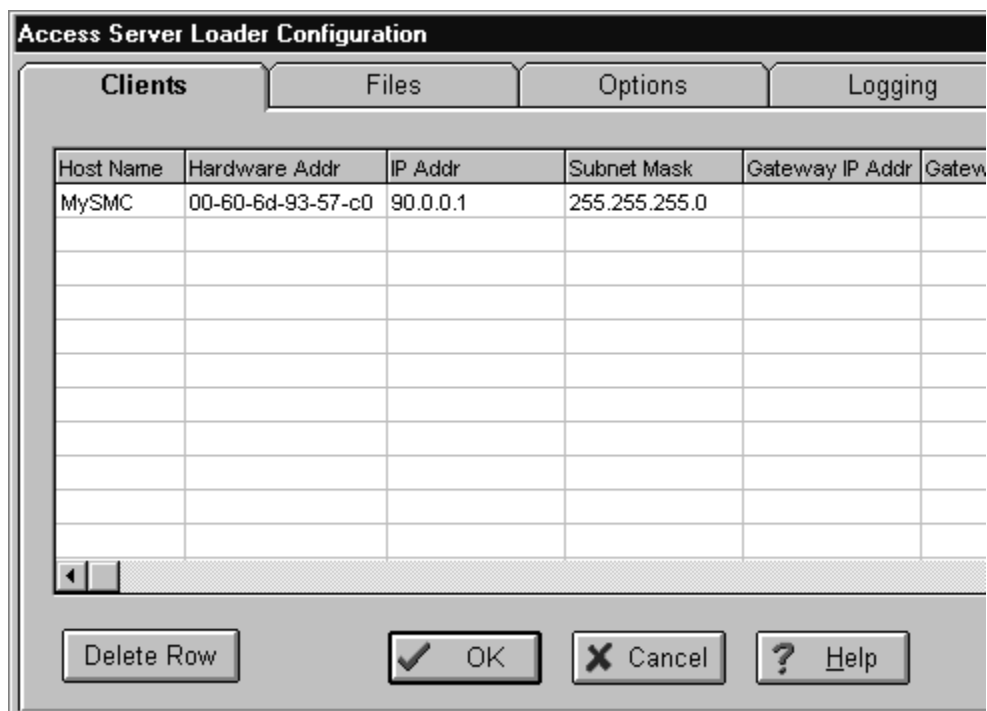
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4. Select the option button labeled *Specify an IP address*. Enter the IP address, subnet mask, and gateway. Click OK.

5. In the Network dialog box, select the Bindings tab. A box with a progress bar displays.

6. When the progress bar indicates that the operation is finished, click Close.

7. Restart the SMC system.

If necessary, rebuild the terminal server database

This is necessary only if the computer name has been changed.

1. Start Access Server Loader: From the Start menu select Programs|Access Server Loader|Access Server Loader. The Access Server Loader window displays.

2. Click Setup. The Confirm dialog box displays. Click Yes.

3. The Access Server Loader Configuration dialog box displays.

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On the Clients tab, enter the following information:

Host Name: computer name of the SMC system
Hardware Addr: from the label on the terminal server
IP Addr: **90.0.0.1**
Subnet Mask: **255.255.255.0**

4. Click OK. The Access Server Loader window displays.

5. Click the Close button to close Access Server Loader.

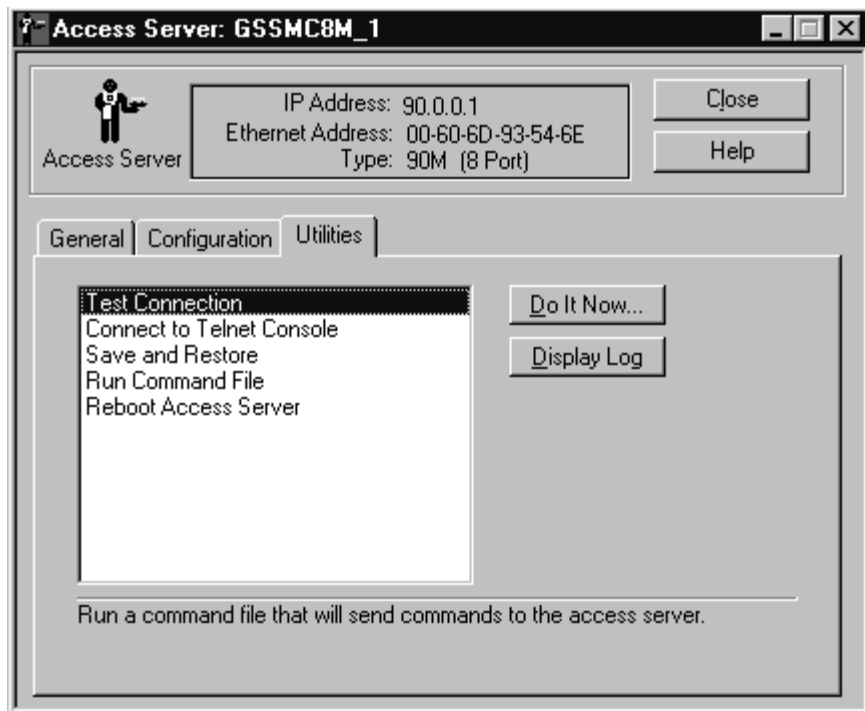
NOTE: Compaq recommends that you upgrade Internet Explorer to version 5.5. This version is available at www.microsoft.com/downloads/search.asp.

A terminal server timeout value has been changed to resolve a "lost connection" issue. To effect this change, do the following.
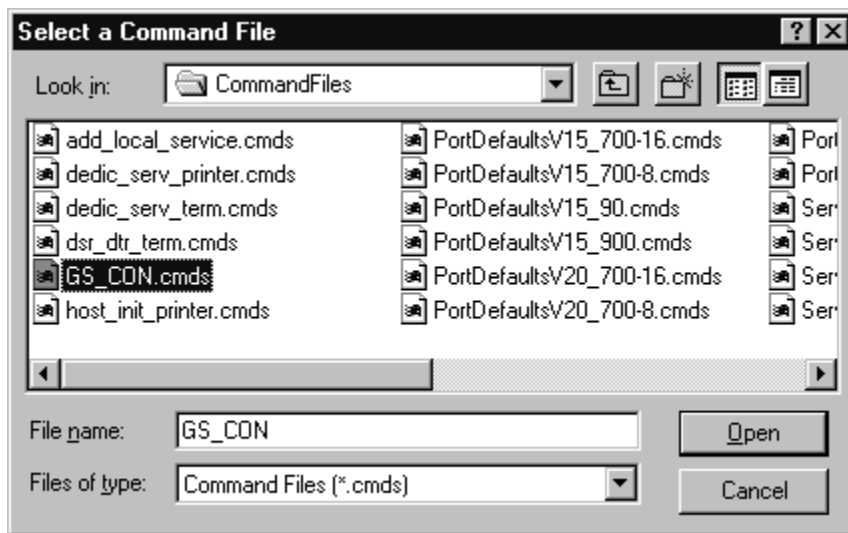
Load the command file

1. Start Access Server Manager. From the Start menu select Programs|Access Server Manager|Access Server Manager. The Access Server Manager window displays.

2. From the File menu select New. The New Access Server dialog box displays. The default Login Password is **access** and the default Privileged Password is **system**. Click OK.

3. The Access Server dialog box displays. Select the Utilities tab.
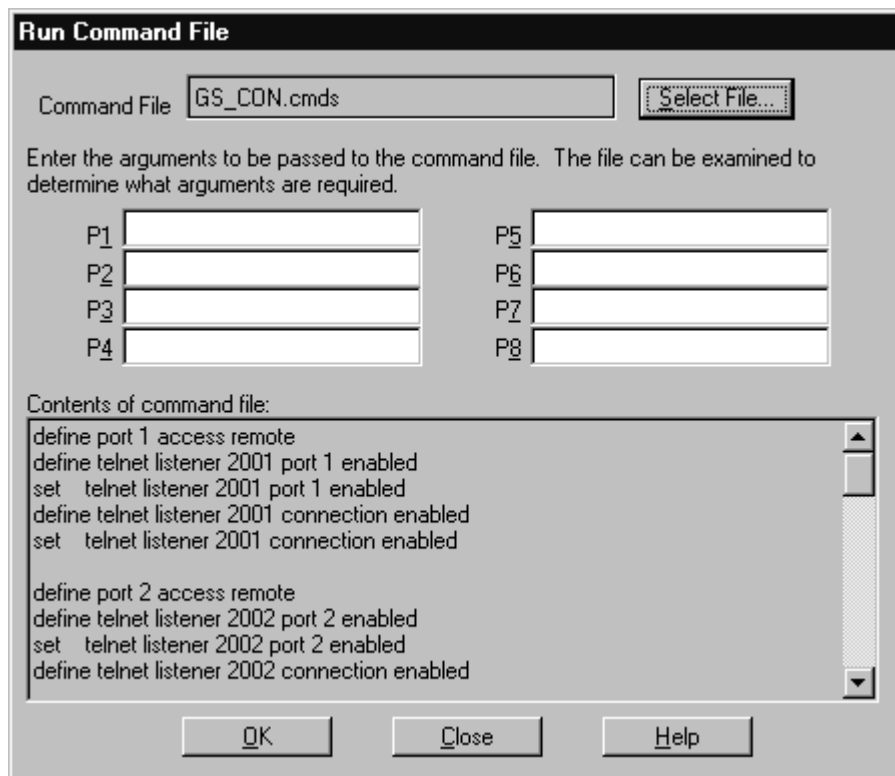

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4. Highlight Run Command File. Click the Do It Now… button. The Select a Command File dialog box displays.

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5. Select the file GS_CON.cmds. Click Open. The Run Command File dialog box displays.

Run Command File

Command File GS_CON.cmds   [Select File...]

Enter the arguments to be passed to the command file. The file can be examined to
determine what arguments are required.

P1 [   ]   P5 [   ]
P2 [   ]   P6 [   ]
P3 [   ]   P7 [   ]
P4 [   ]   P8 [   ]

Contents of command file:

```
define port 1 access remote
define telnet listener 2001 port 1 enabled
set    telnet listener 2001 port 1 enabled
define telnet listener 2001 connection enabled
set    telnet listener 2001 connection enabled

define port 2 access remote
define telnet listener 2002 port 2 enabled
set    telnet listener 2002 port 2 enabled
define telnet listener 2002 connection enabled
```

[OK]   [Close]   [Help]

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6. Click OK. The command file runs.

7. Close the Access Server dialog box and return to Access Server Manager.

8. Close Access Server Manager.

Release Notes

JAR files

JRE1.3 does not correctly clean up its JAR cache files in the C:\TEMP directory. Typically, you will see a number of files similar to "jar_cache32078.tmp". These should be periodically deleted.

Starting ConsoleWorks from the SMC Web page

When you start ConsoleWorks from the SMC Web page, you will see a login the first time only. If you are using ConsoleWorks and do not log out or close the SMC Web page, you can get back into ConsoleWorks without going through the login screen.

Running CAPM remotely

JRE 1.3 or later must be installed on the remote system. JRE for Windows NT is on the SMC software CD (\SMC_V3_1_kit\JRE\j2re-1_3_0_01-win-i.exe). JRE for other platforms can be found at the site www.javasoft.com.