ProLiant serial console for Windows 2000 Server

introduction

The ProLiant Serial Console for Windows 2000 Server is a Windows 2000 service that provides administrative functionality to ProLiant BL e-Class server blades using the ProLiant BL e-Class Integrated Administrator Remote Console.

For information on the Integrated Administrator and its remote console feature, please view the Integrated Administrator User Guide located here: www.compaq.com/products/servers/proliant-bl/e-class/integrated-admin.html.

installing the service

The installation process requires the user to connect a keyboard, mouse, and monitor to the server blade.

1. Attach a keyboard, mouse, and monitor to the server blade.
2. Download the Smart Component to a directory on your hard drive and change to that directory. The downloaded file is a self-extracting executable with a filename based on the Smart Component Number.
3. From that drive and directory, execute the downloaded file.
4. Click the Install button to proceed with the installation. The installation incorporates all of the following:

   - Creates the directory C:\Program Files\Compaq\CpqSCW

   - Copies the file CpqSCW.exe to this new folder

   - Creates, installs, and starts a new service call CpqSCW. Each time the server is rebooted, the service will automatically be started.

   - The installation log is located here: \CPQSYSTEM\LOG\

To allow communication between the Serial Console and the Integrated Administrator, the COM1 port on the server blade needs to be enabled. Without COM1, the service will install properly but will be inaccessible. To check if the COM1 port is setup:

1. Right click on **My Computer**.
2. Choose **Manage**.
3. Click the **Device Manager**.
4. Double click the Ports list or click the plus sign by the word "Ports" to open the Ports list.
5. Verify that Communications Port (COM1) is listed and enabled.

uninstalling the service

To uninstall the service perform the following actions:

1. Open a command window (Open the Start menu, choose **Run**, and type `command`).

2. To stop the service, type:

```
net stop cpqscw
```

3. To unregister the service, type:

```
c:\"program files"\compaq\cpqscw\cpqscw /UnregServer
```

4. To delete the service, type:

```
del c:\"program files"\compaq\cpqscw\cpqscw.exe
```

5. To remove the directory, type:

```
rd c:\"program files"\compaq\cpqscw
```

accessing the serial console

To access the serial console of a server blade running Windows 2000:

1. Connect to the Compaq ProLiant BL e-Class Integrated Administrator

2. Connect to the server blade using the remote console feature of the Integrated Administrator. For more information on the Integrated Administrator, visit: www.compaq.com/products/servers/proliant-bl/e-class/integrated-admin.html

3. Log in to the server blade using a local administrative account. The user may now execute commands within the menu driven service.

menu options

The service uses a simple menu-based navigation system. Menu items are selected by entering the number or letter preceding the menu item followed by the enter key. The user will be prompted if any additional information is required.

main menu option	sub options	description
1. Processes	1. List processes	Lists all processes with each processes' ID, name, and memory usage
	2. Kill a process	Terminates a process
	3. Return to previous menu	Returns to the Main menu
2. Services	1. List services	Lists all services with services' name and status
	2. Start a service	Starts a service
	3. Stop a service	Stops a service
	4. Return to previous menu	Returns to the Main menu

main menu option	sub options	description
3. Event Viewer	1. List Application log events	List all events within the application log with each events' number, type, date, time, and source
	2. List Security log events	List all events within the security log with each events' number, type, date, time, and source
	3. List System log events	List all events within the system log with each events' number, type, date, time, and source
	4. Clear event log	This option clears the specified log. The default path for the backup directory is C:\WinNT\System32\
	5. Return to previous menu	Returns to the Main menu
4. Set Local Date and Time	N/A	Sets the server blade's date and time
5. Network Utilities	1. Display Network Info	Displays the server blade's hostname, domain name, DNS servers Also displays network information for both network adapters
	2. Ping an IP address	Pings an IP address and displays the results
	3. Trace a route	Traces a route from the server blade to an IP address or domain name
	4. Return to previous menu	Returns to the Main menu
6. Restart the System	N/A	Restarts the server blade
7. Shutdown the System	N/A	Shuts down the server blade
L. Logoff	N/A	Exits the service and logs out of the server blade **Important:** If the user disconnects from the server blade without logging off, other users may be able to use the service without being authenticated.