serviceguard manager opens new vista for managing serviceguard environments

the challenge
To simplify the daily management of mission-critical, high-availability clusters

the solution
HP Serviceguard Manager, an intuitive and easy-to-use, Java™-based graphical user interface (GUI)

business benefits
• Simplifies cluster management
• Optimizes efficiency and improves productivity of your information technology (IT) staff
• Leverages IT staff’s existing cluster management expertise as you build your data centers
• Provides a visual display of multiple clusters from a single point console
• Reduces total cost of ownership with multiple OS support

introduction
Serviceguard Manager provides a visual tool to display HP Serviceguard, Serviceguard Extension for RAC, Metrocluster, and Continentalclusters while maintaining high availability (HA). Using Serviceguard Manager, operators see color-coded, graphically intuitive icons to get the big-picture view of multiple clusters so that they can proactively manage the clusters, systems (nodes), and applications. Server consolidation initiatives, e-commerce, and cluster management activities are putting more pressure on IT departments to do more with less. And that’s exactly what makes Serviceguard Manager the perfect tool to help you exceed expectations for managing your HA infrastructure.

seamless integration
• Serviceguard Manager requires connection to a Cluster Object Manager delivered with Serviceguard A.11.12 or later
• Serviceguard A.10.10 or later clusters will be displayed
• Serviceguard Manager will discover and map Serviceguard clusters, nodes, and packages on the subnets connected to the Cluster Object Manager
• Systems with Serviceguard installed but not configured to be a node in a cluster will be listed under “unused nodes”
Serviceguard Manager uses color-coded icon borders and badges to show status information about the clusters, nodes, and packages.

The color-coded icon borders can be green, yellow, or red to indicate that the managed object is up, in a warning state, or down.

A status badge appears to the right of the managed object and shows critical status information. The icon border of the managed object, with badges, would be yellow, indicating a warning state. There are three types of status badges.

- Indicates that the cluster or package is starting or halting.

- Indicate that one or more packages are down in a cluster. You can drill down on the cluster to determine which packages are down (red borders).

- Indicates that one or more packages do not have a node for failover. You can access property sheets to determine if this single point of failure is due to a node being down, a disabled package auto-run, or a disabled node switching.

- Indicates that a package was never configured to have a failover node (i.e., a single-node package).

- Indicates that the Quorum Server is not available.

A key feature of Serviceguard Manager is the ability to view detailed information from the Property Sheet, which is accessible through the Properties window. You can view information about a particular cluster, package, or node such as status, configuration, and number of nodes and packages.
enhancements coming soon

HP Serviceguard Manager is the high-availability management tool for the future, with additional enhancements planned for:

• Monitoring across wide area networks
• Status panel detailing current problem summary
• Package configuration
• Cluster configuration

supported environments

enterprise cluster managed nodes

• Serviceguard version A.10.10 or later
• Serviceguard OPS Edition A.11.01 or later
• Metrocluster (all versions)
• At least one Serviceguard Cluster Object Manager (installed with Serviceguard A.11.12 (or later) or Serviceguard OPS edition A.11.12 (or later)

serviceguard management consoles

• HP-UX management station
  – HP-UX 11.0 or later
  – 256 MB of available memory
  – 65 MB of available hard disk space
  – 17 MB of additional hard disk space
• PC management station
  – Windows NT® 4.0 (Service Pack 5 or later), Windows 2000, or Windows XP Professional
  – Intel® Pentium® II processor, 200 MHz or higher
  – 128 MB of memory
  – 150 MB of virtual memory
  – 25 MB of available hard disk space
  – SVGA or higher-resolution video adapter (800 × 600 and 256 colors minimum)
  – 46 MB of additional hard disk space
• Linux management station
  – Red Hat Linux 7.1 (or later) and kernel version 2.4.2 (or later)
  – Intel Pentium II processor, 200 MHz or higher
  – 128 MB of memory
  – 115 MB of additional hard disk space

HP Serviceguard Manager will be included as part of the HP Serviceguard and HP Serviceguard Extension for RAC products.

For more information on other HP high availability programs and offerings, please visit our Web site at www.hp.com/go/ha