PowerCockpit automated provisioning for hp ProLiant servers running Linux

**fast, easy,
remote software deployment
and management**

gain control over complexity

Constant change, on top of growing infrastructure complexity — it's an IT manager's nightmare. But, it's also the reality of most data centers today. Expanding overhead, increasing management costs, and tight space constraints combine to squeeze already-strained technical talent — all under the intense pressure to deliver innovative and profitable new services.

HP and Turbolinux have the ideal solution for simplifying the deployment, provisioning, and management of Linux servers in your enterprise. Combining the cost-effective versatility of innovative ProLiant servers from the new HP, with the intelligent and dynamic server provisioning capabilities of PowerCockpit from Turbolinux, you can:

- remotely deploy Linux on ProLiant server blades and high-density servers
- capture, store, and reuse deployment expertise across hundreds or thousands of servers
- provision servers and reallocate server functionality at will—in just minutes
- remotely manage large groups of servers anywhere in your enterprise with HP Integrated Lights-Out administration

There's no better way to gain control over complexity in a truly adaptive computing environment.

streamline server deployment and provisioning

ProLiant servers are the industry-leading platform for Linux, offering a wide range of modular high-performance systems that make computing simpler, more efficient, and highly flexible. PowerCockpit has been optimized for ProLiant servers, tightly integrating the rapid deployment and intelligent management capabilities to reduce administrative overhead and respond quickly to changing business needs.

PowerCockpit incorporates advanced, automated features that streamline server deployment, speed provisioning, and simplify management—all tuned precisely to leverage the built-in capabilities of ProLiant servers. With PowerCockpit, you can configure and test a particular server once; then store the image of that configuration for reuse on any other servers in the enterprise. Everything from the Linux operating systems, to applications, user accounts, and security options can be stored as a single server image to be ready as needed. So you can get multiple new servers up and running in minutes, or dynamically reallocate servers on the fly.

simplify administration enterprise-wide

With PowerCockpit and ProLiant servers, administrators can extend their work across large groups of servers. Servers can be grouped by characteristics, enabling a schedule of operations to be applied to all the servers in that group. With the lights-out management features of ProLiant servers, PowerCockpit can also identify groups of servers based on their attributes and target them for automatic updating or reprovisioning. For example, if a blade is added, PowerCockpit can automatically deploy the appropriate server image when the blade is detected on the network.

HP Management Agents for Linux further enhance your management capabilities by providing overall system status and direct access to in-depth subsystem information—all through a convenient web interface. In combination with PowerCockpit, potential problems can be detected remotely and, in turn, a signal can be activated on the server to identify its location in the rack. As a result, you can respond faster to problems, reducing downtime and administrative expense.

leverage the cost-effective flexibility of ProLiant servers

ProLiant servers are the most popular platform for Linux—and for good reason. This versatile and proven server family is renowned for its industry-defining technology, reliability, and cost-effectiveness, offering everything from ultra-dense server blades and flexible 1U rack servers, to high-performance servers maximized for internal system expansion, as well as high-availability clusters to meet your continuous-computing requirements.

The innovative ProLiant BL e-Class and p-Class server blades are optimized for rapid deployment and provisioning, with dynamic resource scaling and remote monitoring and management — maximizing the value of the automated capabilities of PowerCockpit. In addition, for multi-server deployment in racks or clusters, the modular, ultra-thin 1U ProLiant DL servers are ideal. These manageable, density-optimized servers deliver uncompromising performance, extensive scalability, expanded availability, and unprecedented configuration flexibility in a very small space.

Regardless of model, when deployed within the framework of the highly adaptable, multi-tier HP Dynamic Internet Solutions Architecture (DISA), ProLiant servers deliver powerful, yet simple, on-demand computing. It's all part of the HP Adaptive Infrastructure strategy to help you adapt, conserve, and respond to rapidly changing business requirements.

accelerate time to benefits with valuable online resources

To help you get the most out of your adaptable Linux computing environment, the HP ActiveAnswers website provides an online knowledge base with best practices for selecting the right ProLiant servers to meet your needs, along with guidance for provisioning those servers using the capabilities of PowerCockpit. It's an invaluable resource for accelerating your time to benefits from these powerful computing assets.

get more information

For more information on HP and Turbolinux PowerCockpit solutions, please contact your HP representative or reseller, or visit **hp.com/solutions/powercockpit**.