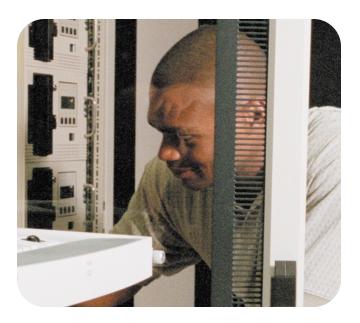## making Apache enterprise-ready

Covalent Apache-based web servers for hp ProLiant servers running Linux

more secure, more reliable, easier to manage

With so much riding on the Web these days, the capabilities of your web infrastructure directly impact the success of your business. Therefore, your web servers must be secure and reliable, yet flexible enough to handle changing market conditions. That's exactly what you get from HP and Covalent.

Covalent is the leading commercial provider of the widely used Apache Web Server, enhancing it for enterprise-grade demands with increased security, improved service quality, and streamlined management. This powerful web environment is optimized for and extensively tested on rock-solid, adaptable ProLiant servers from the new HP— the industry-leading server platform for Linux. Plus, we provide reference configurations and the expertise of HP Services to minimize risk and accelerate your time to benefits. So you get all the advantages of open source software in an enterprise-grade web environment that quickly and easily integrates with your existing IT infrastructure.

meet enterprise demands with Covalent Apache-based web servers

Covalent Enterprise Ready Server meets enterprise web serving requirements with a rich set of features and functionality. Building on the enhanced capabilities of Apache 2.0, Covalent Enterprise Ready Server breaks new ground for Apache with:

- Single-point management of hundreds of web servers and virtual hosts
- Robust security using the most advanced SSL encryption technology available
- A trusted, certified web server platform built on open source standards

For rapid Apache-only deployment, Covalent also offers the Covalent Fast Start Server, which automatically produces an Apache configuration suitable for many typical enterprise applications and is easily upgraded to Covalent Enterprise Ready Server.

hp ®

i n v e n t

build on the leading Linux server platform

ProLiant servers are the most popular platform for Linux, and the ideal choice for Covalent environments powered by Apache. 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 servers maximized for internal system expansion.

For space-conscious web server installations, the modular, ultra-thin 1U ProLiant servers are the ideal choice, delivering the performance, scalability, availability, and flexibility you need in a small space. And innovations such as data center-class server blades offer 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.

gain more cost-effective control and flexibility

Every ProLiant server is designed with HP Integrated Lights-Out management capabilities built in, providing more effective control of distributed remote sites and data centers, while reducing management effort and cost. 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 addition, HP and Covalent web server solutions are built on the highly adaptable HP Dynamic Internet Solutions Architecture (DISA), which enables the scaling up and out of web, application, and data resource tiers. It's the foundation for high availability, dynamic scalability, simplified manageability, and tight security.

accelerate your success with expert assistance

With the HP ActiveAnswers website, you have easy access to vast online resources to help you plan, deploy, and operate Covalent Apache-based web server solutions, including an installation checklist, reference configurations and architecture guide, and a UNIX®-to-Linux web server migration guide. In addition, you can count on the world-class HP Services experts for migration services to quickly and smoothly move from a legacy environment to a new Covalent Apache-based web server environment with ProLiant servers running Linux.

get more information

For more information on HP and Covalent Apache-based web server solutions, please contact your HP representative or reseller, or visit **hp.com/solutions/covalent**.