



Extending HP's Mission-critical Converged Infrastructure

Overview

HP expands upon the industry's first mission-critical [Converged Infrastructure](#) with enhancements to the [HP Serviceguard Solutions](#) portfolio for Integrity and [HP-UX](#) operating environment.

Enhanced HP Serviceguard Solutions 11.20 availability software, combined with the recent release of [HP-UX 11i v3](#) Update 7, enables clients to:

- Reduce manual configuration efforts by approximately 93 percent⁽¹⁾ with the new HP Serviceguard Extension for Oracle e-Business Suite. It provides automated configuration services for more than 200 tightly integrated applications, including financial services, customer relationship management applications and interrelated components such as storage and networking.
- Achieve improved database manageability with the new HP Serviceguard Toolkit for Oracle Data Guard. This solution is intended to provide robust high availability for Data Guard with zero custom coding given the need of Oracle® database administrators for uninterrupted access to this critical application-management tool.
- Simplify clustering with new graphical wizards in Serviceguard Manager. These graphical wizards can enable the creation of a complete cluster, including storage and networking, in about a minute. Additionally, the new Cluster Verification for HP Serviceguard provides confirmation that clusters are configured properly.
- Restart multi-instance applications such as Oracle Real Application Clusters (RAC) and SAP up to 90 percent⁽²⁾ faster with enhanced Serviceguard performance. In particular, Serviceguard has been designed to load cluster packages simultaneously on all nodes instead of sequentially for rapid startup of the entire Oracle RAC stack, helping to ensuring critical applications are back up and running as quickly as possible.

Consolidate applications in days, not months

New features in HP-UX 11i v3 use world-class virtualization technologies for purposes of enabling system administrators to quickly transition to the Integrity system's common modular architecture. This includes the [HP Integrity Superdome 2](#) servers and Integrity i2 blades, whether clients are migrating from older HP systems

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or alternative UNIX platforms. Clients can:

- Reduce IT sprawl and consolidate legacy applications running on HP 9000 to HP Integrity systems in days, as opposed to months,⁽³⁾ leveraging HP 9000 Containers virtualization technology. This solution is intended to enable clients to rapidly benefit from the performance improvements inherent to the latest HP Integrity systems.
- Streamline technology infrastructure and facilitate transitioning environments running HP-UX 11i v2 on previous generation hardware to Superdome 2 and i2 blades using HP Integrity Virtual Machines. The virtual machines allow clients to achieve up to 4 times performance boost with Superdome 2.
- Speed migration from IBM AIX to HP Integrity with the new HP-UX Porting Kit for AIX, which can automate up to 95 percent of the steps required to complete the porting effort.⁽³⁾ The kit also can identify potential coding inconsistencies, estimate effort and recommend solutions.

Availability

HP-UX 11i v3 Update 7 and HP Serviceguard Solutions 11.20 software enhancements are available immediately with the exception of HP-UX 9000 Containers and HP-UX Porting Kit for AIX, which are expected to be available in October.

- (1) Based on HP Labs engineering assessment.
- (2) HP Labs comparison of Serviceguard 11.19 to Serviceguard 11.20.
- (3) Based on HP experience with the Solaris to HP-UX Porting kit and customer testimonials.

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