



Mission-critical Services for SUSE® Linux Enterprise High Availability Extension

Continuous high availability for shared storage, applications and other IT services is a critical requirement for your business to be successful. That's why Novell® IT Consulting and its network of service partners help organizations design and deploy highly available IT services with SUSE® Linux Enterprise High Availability Extension from Novell. It can help you reduce downtime, increase efficiency and much more.

Mission-critical Linux* Services from Novell

Lower-cost x86 servers generally don't provide the same level of hardware resiliency, or built-in redundancy, as more expensive, high-end servers. One potential risk IT managers face when using these systems for mission-critical workloads is unplanned downtime caused by component and service failures. In order to ensure the continuous operation of their core business services, IT managers need some way to protect their mission-critical, x86 based systems from failure and increase services dependability, either through greater reliability, redundancy, or fast failover to standby systems. That's where the SUSE Linux Enterprise High Availability Extension comes in. It's a proven method to increase availability through clustering to provide hardware and software redundancy.

Enterprises today are successfully using clustering and high-availability software to ensure continuous access to their systems and data, maintain data integrity and reduce unplanned downtime. Simply put, the longer applications are up, the less data is lost.

Novell IT Consulting and its network of service partners help organizations successfully design and deploy the SUSE Linux Enterprise High Availability Extension to ensure high availability and manageability of critical network resources including data, applications and services. The solution supports failover, fallback and migration (load balancing) of individually managed cluster resources.

What Does Novell Deliver?

The goal of most high-availability engagements is to reduce data or transaction loss and mitigate downtime. Doing this effectively

■ Solutions:

Novell Services

■ Products:

SUSE Linux Enterprise High Availability Extension

Novell can help you customize and implement the optimal high-availability solution for your particular environment and your specific needs. No one has more experience with SUSE Linux Enterprise High Availability solutions than Novell Services consultants and partners.



Our high-availability solutions help you reduce downtime for critical business applications—whether they are business applications such as Oracle databases, shared storage solutions, edge services or SAP applications. We'll help you lower data and transaction losses, increase efficiency and much more.

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requires a design and implementation plan that is customized to your unique business environment. Deliverables from Novell Services vary by individual customer requirements, but will typically include the following:

- **High Availability Design and Overall Architecture.** *The High Availability Design and Overall Architecture is a document detailing the overall design and interplay between the applications being made highly available and their surrounding technologies. These may include diagrams of a virtual Dom0/DomU layout and their interconnections or a description of the failover functionality between applications.*
- **LSB-compliant Scripting.** *Linux Standard Base (LSB) scripts are occasionally necessary to start up or monitor certain custom applications. These scripts are generally small and are of similar complexity to bash startup scripts.*
- **Detailed Documentation.** *Documentation includes relevant, detailed descriptions of the HA service and associated configuration changes which are created during the engagement.*
- *Oracle* RAC* environment with shared storage*
- *HP* Serviceguard* for Linux to SUSE Linux Enterprise High Availability Extension migration*
- *Red Hat* Cluster Suite to SUSE Linux Enterprise High Availability Extension migration*
- *Hybrid physical and virtual clustered environments*

A Services Partner You Can Trust

When you purchase the SUSE Linux Enterprise High Availability Extension from Novell, you tap in to all the resources and advantages of an established global service organization with a long and proven history of success. You'll work with an experienced, professional team that knows how to apply a wealth of business strategy knowledge, technical expertise, and proven methodologies to the needs and requirements of your business.

Reap the Benefits, Quickly and Easily

Start taking advantage of the many benefits of the SUSE Linux Enterprise High Availability Extension. Contact your Novell sales or service representative, or call us at 800 529 3400 or 801 861 4272.

For More Information

- www.novell.com/products/highavailability
- www.novell.com/consulting



Contact your local Novell Solutions Provider, or call Novell at:

1 800 529 3400 U.S./Canada
1 801 861 4272 Worldwide
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Take Advantage of the Benefits Today

You can engage Novell Services to design and implement a high-availability solution. Some examples include:

- *Clustered SAP* environment with shared storage*