



Release Notes

Geo Clustering for SUSE Linux Enterprise High Availability 12

Geo Clustering for SUSE Linux Enterprise High Availability is a suite of clustering technologies that enable enterprises to implement highly available Linux clusters and eliminate single points of failure. This document gives an overview of features of Geo Clustering for SUSE Linux Enterprise High Availability and their limitations. Some sections do not apply to a particular architecture or product, this is explicitly marked.

Manuals can be found in the `docu` directory of the installation media for SUSE Linux Enterprise High Availability Extension 12. Any documentation (if installed) can be found in the `/usr/share/doc/` directory of the installed system.

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1 Geo Clustering for SUSE Linux Enterprise High Availability

Geo Clustering for SUSE Linux Enterprise High Availability 12 extends the support of SUSE Linux Enterprise High Availability Extension 12 for the use case of multi-site geographically resilient clusters.

Used with SUSE Linux Enterprise Server 12 and SUSE Linux Enterprise High Availability Extension 12, it helps firms maintain business continuity, protect data integrity, and reduce unplanned downtime for their mission-critical Linux workloads.

2 What's New?

IP relocation resource agent

Switch DNS/network to backup data center in case of a fail-over.

GEO cluster status

HAWK displays the status of a Geo Cluster for easier access and monitoring

Arbitrator

Multi-tenancy booth arbitrator for managing multiple Geo clusters

aaa

Configuration replication between GEO sites. Reduce manual admin work while keeping track for configuration changes.

See https://www.suse.com/releasenotes/x86_64/SLE-HA/12/ for what's new in the base SUSE Linux Enterprise High Availability Extension 12.


3 Features and Versions

This section includes an overview of some of the major features and new functionality provided by Geo Clustering for SUSE Linux Enterprise High Availability 12.

4 Supported deployment scenarios Geo Clustering for SUSE Linux Enterprise High Availability 12

Please, see the release notes of SUSE Linux Enterprise High Availability Extension 12 for the discussion of which scenarios require Geo Clustering for SUSE Linux Enterprise High Availability 12.

5 Support Statement for Geo Clustering for SUSE Linux Enterprise High Availability 12

Support requires an appropriate subscription from SUSE; for more information, see: <http://www.suse.com/products/server/> .

General Support Statement

The following definitions apply:

- L1: Installation and problem determination - technical support designed to provide compatibility information, installation and configuration assistance, usage support, on-going maintenance and basic troubleshooting. Level 1 Support is not intended to correct product defect errors.
- L2: Reproduction of problem isolation - technical support designed to duplicate customer problems, isolate problem areas and potential issues, and provide resolution for problems not resolved by Level 1 Support.
- L3: Code Debugging and problem resolution - technical support designed to resolve complex problems by engaging engineering in patch provision, resolution of product defects which have been identified by Level 2 Support.

SUSE will only support the usage of original (unchanged or not recompiled) packages.

6 How to Obtain Source Code

This SUSE product includes materials licensed to SUSE under the GNU General Public License (GPL). The GPL requires SUSE to provide the source code that corresponds to the GPL-licensed material. The source code is available for download at <http://www.suse.com/download-lin->

[ux/source-code.html](#) ↗. Also, for up to three years after distribution of the SUSE product, upon request, Novell will mail a copy of the source code. Requests should be sent by e-mail to mailto:sle_source_request@suse.com ↗ or as otherwise instructed at <http://www.suse.com/download-linux/source-code.html> ↗. Novell may charge a reasonable fee to recover distribution costs.

7 More Information and Feedback

- Read the READMEs on the CDs.
- Get detailed changelog information about a particular package from the RPM:

```
rpm --changelog -qp <FILENAME>.rpm
```

<FILENAME>. is the name of the RPM.

- Check the ChangeLog file in the top level of CD1 for a chronological log of all changes made to the updated packages.
- Find more information in the docu directory of CD1 of the Geo Clustering for SUSE Linux Enterprise High Availability CDs. This directory includes a PDF version of the High Availability Guide.
- http://www.suse.com/documentation/sle_ha/ ↗ contains additional or updated documentation for Geo Clustering for SUSE Linux Enterprise High Availability.
- Visit <http://www.suse.com/products/> ↗ for the latest product news from SUSE and <http://www.suse.com/download-linux/source-code.html> ↗ for additional information on the source code of SUSE Linux Enterprise products.

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Thanks for using Geo Clustering for SUSE Linux Enterprise High Availability in your business.

The SUSE Linux Enterprise High Availability Extension Team.