

InfoScale™ 9.0.2 Release Notes - Linux

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Services and Operations Readiness Tools (SORT)

Services and Operations Readiness Tools (SORT) is a website that provides information and tools to automate and simplify certain time-consuming administrative tasks. Depending on the product, SORT helps you prepare for installations and upgrades, identify risks in your datacenters, and improve operational efficiency. To see what services and tools SORT provides for your product, see the data sheet:

https://sort.veritas.com/data/support/SORT_Data_Sheet.pdf

Changes introduced in this update release

This document includes the following topics:

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About this release

InfoScale 9.0.2 is an update release provided only on the Linux platform. It introduces a few features that are briefly described in this document.

For a list of fixed issues and known issues in this release, refer to the *Release Notes* available with the InfoScale 9.0.2 Patch at:

https://www.veritas.com/content/support/en_US/downloads/detail.REL500832#item3

Anomaly detection using AI

The AI-powered anomaly detection feature protects your system in real time from harmful events, such as data breaches and potential ransomware attacks. File system statistics and entropy values are monitored for established patterns

of behavior and any deviations are reported as anomalies. Alerts are generated and you can view the trend graphs in the UI.

For details, refer to the *InfoScale 9.0 Operations Manager User's Guide*.

Enhanced support for InfoScale upgrade using YUM

The YUM method for performing InfoScale upgrades has been enhanced to allow upgrades from InfoScale 7.4.x versions to the latest version.

Additionally, a script is provided to update the VCS, CFS, and CVM protocol versions and the VCS types definition, as applicable to your InfoScale configuration. Instead of manually updating these individual values, you can use the script to perform these tasks together.

For details, refer to the document that is relevant to your InfoScale configuration:

- *InfoScale 9.0 Cluster Server Configuration and Upgrade Guide*
- *InfoScale 9.0 Storage Foundation Configuration and Upgrade Guide*
- *InfoScale 9.0 Storage Foundation and High Availability Configuration and Upgrade Guide*
- *InfoScale 9.0 Storage Foundation Cluster File System High Availability Configuration and Upgrade Guide*
- *InfoScale 9.0 Storage Foundation for Oracle RAC Configuration and Upgrade Guide*

Encryption of LLT data on SLES systems

Using strongSwan, you can create an IPsec VPN between two hosts to encrypt data across LLT private links.

For details, refer to the *InfoScale 9.0 Cluster Server Administrator's Guide*.

Auto-revival of service group dependency trees

The Cluster Server (VCS) component of InfoScale now provides an auto-revival feature for service group dependency trees. This feature can be enabled at the cluster level and at the service group level, both. When this feature is enabled, and a faulted resource comes online, the dependent resources and service groups—whose states were directly affected by the fault, and not due to other conditions or events—are automatically brought online.

The auto-revival of a service group dependency tree works only when the following prerequisites are met:

- The cluster protocol version is 11100 or higher.
- The cluster version is 9.0.2 or higher.
- The dependencies between the service groups are set to any of the following:
 - online local hard
 - online local firm
 - online remote firm
 - online global firm
 - online site firm

For details, refer to the *InfoScale 9.0 Cluster Server Administrator's Guide*.

Enhanced GoogleDisk agent to support regional disks in read-only mode

The GoogleDisk agent has been enhanced to support regional disks being attached to a VM outside the cluster in the read-only mode.

Upto InfoScale 9.0, the GoogleDisk agent returned UNKNOWN if the regional disk was attached to a VM instance outside the cluster in either the read-write or the read-only mode.

From InfoScale 9.0.2 onwards, in a Linux environment, the GoogleDisk agent returns UNKNOWN if the regional disk is attached to a VM instance outside the cluster in the read-write mode only.

For details, refer to the *InfoScale 9.0 Cluster Server Bundled Agents Reference Guide*.