

Veritas InfoScale 7.3 What's New Guide - Windows

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Veritas Services and Operations Readiness Tools (SORT)

Veritas 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

What's new in this release of Veritas InfoScale

This document includes the following topics:

- [About this document](#)
- [New features and changes in this release](#)

About this document

The Veritas InfoScale products are used for enterprise data management and protection, high availability, and disaster recovery. This document describes the new features, enhancements, and changes that are introduced in the 7.3 release of the Veritas InfoScale products.

The following documents provide further information that is common to all the InfoScale products:

- *Veritas InfoScale Getting Started Guide*
- *Veritas InfoScale Release Notes*
- *Veritas InfoScale Installation and Upgrade Guide*

For information about the InfoScale product components and their capabilities, refer to the corresponding administrator's guides and agent guides.

For information about configuring and administering your applications with the InfoScale products, refer to the application-specific implementation guides and solutions guides.

New features and changes in this release

This section describes the new features and changes that are introduced in this release.

Volume Replicator support qualified for replicating data in a Microsoft Azure environment

Volume Replicator replicates data from a source location to one or more remote locations. This functionality has now been qualified for replicating data in a Microsoft Azure environment.

To replicate data in an Azure environment, you must first set up the cloud infrastructure and then begin with the replication setup.

When you set up the cloud infrastructure, you must ensure that the following network requirements are satisfied:

- A non-overlapping IP address space for network subnets is available on the primary and the secondary datacenters.
- A virtual network (VNet) is set up in Microsoft Azure network.
- The Volume Replicator DHCP_IP_Support tunable is set to True.
This tunable determines whether or not DHCP IPs can be used while configuring Volume Replicator. DHCP IP addresses are assigned to the virtual machines that are created in an Azure environment. To identify the DHCP IP addresses, DHCP_IP tunable must be set to True.
- To set up replication from an on-premise datacenter to an on-cloud datacenter, a virtual private network (VPN) gateway and a local network gateway is set up in the cloud network. This enables to set up a communication tunnel between the machines that are located in the on-premise datacenter to the machines that are located in the on-cloud datacenter.
Alternatively, you may configure Microsoft ExpressRoute to establish a connection between datacenters.
- To set up replication between any two regions on cloud, a virtual private network (VPN) gateway is set up over the virtual network, and a connection is established between the VPN gateways for the virtual machines to communicate with each other.
- To set up replication within a same region on cloud, a VNet Peering is set up between the two virtual networks in which the machines are configured.
Alternatively, you may set up a VPN gateway between the two virtual networks.

Note: While provisioning storage for setting up replication in Microsoft Azure environment, do not configure multiple network paths to the storage disks. Microsoft Azure does not support storage configuration with multiple network paths.

DHCP_IP_Support tunable added to Volume Replicator

A DHCP_IP_Support tunable is now added to Volume Replicator. You must enable this tunable if you plan to configure replication in Microsoft Azure environment.

The tunable determines whether or not DHCP IPs can be used while configuring Volume Replicator.

DHCP IP addresses are assigned to the virtual machines that are created in an Azure environment. To identify the DHCP IP addresses, DHCP_IP tunable must be set to True.

Run the following command to enable the tunable:

```
vxtune dhcp_ip_support true
```