



## What's new with Veritas InfoScale? Management and Infrastructure SDS

### **VIRTUALIZATION, ORCHESTRATION AND ENTERPRISE DATA SERVICES ON-PREM AND IN THE CLOUD.**

The evolution of cloud, SDS, virtualization, flash and other modern trends has coincided with the wave of disruption that has affected most industries. This changing landscape demands that enterprise IT support technology modernization and innovation in their business while ensuring always-on availability. Spanning multi-vendor IT environments including physical, virtual and cloud, InfoScale's software-defined infrastructure and management capabilities provide the virtualization, performance optimization, automation and delivery of robust data services required for the most demanding and business-critical applications.

Veritas InfoScale™ ensures business operations are not impacted as mission-critical applications extend to the cloud. And in the event of a threat that could put data at risk, InfoScale addresses high availability and disaster recovery scenarios with application-aware solutions that bridge on-premises, hybrid and cloud deployments.

#### **InfoScale Highlights:**

- Proven in thousands of the most demanding customer environments.
- Recognized as the market leader in Management SDS.

### **EXPANDING THE INFOSCALE ECOSYSTEM**

Thousands of businesses depend on InfoScale to provide software-defined enterprise infrastructure and management across a wide range of applications, databases, operating systems, and storage systems. As part of our commitment to support data center modernization initiatives, Veritas continues to expand the InfoScale ecosystem, where it already provides support for all major platform and virtualization technologies on Linux, Unix and Windows. InfoScale continues to add additional operating system and hypervisor support, which includes RHEL 6.10, RHEL 7.6, Solaris 11.4, VMWare ESX 6.7, ESX 6.5 U2, Linux Retpoline kernel, Windows Storage Server 2016 and AIX 7.2 TL02, 7.1 TL5. Storage arrays added to the certified list include NimbleStorage, MacroSAN, X-IO and ScaleIO. InfoScale offers IPv6 stack-wide support on Linux, Windows, Solaris and AIX environments. Its IPv6 and dual stack (IPv4 and IPv6) capabilities provide non-disruptive migrations from IPv4 networks to IPv6 networks and achieve the same high availability in IPv4, IPv6 and dual stack environments. Now InfoScale also supports Oracle 18c and SQL Server 2017 and includes a plug-in for Oracle Enterprise Manager (OEM) 13c.

### **ENHANCING BUSINESS-CRITICAL CAPABILITIES**

InfoScale delivers enterprise SDS infrastructure and management services that power business-critical applications on-premises and in the cloud. InfoScale continues to provide increased performance, availability and security capabilities that bring additional benefits to the business. InfoScale now includes:

- Across platforms, Veritas Volume Replicator (VVR) upgrades that deliver improved replication performance for DR with optimized bandwidth utilization over UDP transport.
- Upgrades to VVR on Linux with encryption-over-wire, ensuring the confidentiality of data flowing between the primary and disaster recovery sites both on-premises and in the cloud.

- Performance improvements in internode data traffic that benefit Flexible Storage Sharing (FSS) clusters in Linux environments.
- Support for all NVMe devices on Linux and Solaris with generic ASLs.
- Provision for application isolation with enhanced failure confinement, minimizing interference between unrelated applications across the same cluster.
- Erasure Coding (EC) improvements on Linux, offering high availability of data with increased data protection while improving application performance and storage bandwidth utilization.
- Enhancements in SmartIO cache to improve performance of demanding workloads running on Linux environments.

## **SIMPLIFYING LICENSE MANAGEMENT**

Veritas InfoScale includes the new Veritas Standard Licensing (SLIC) keys, providing easier entitlements management and a better experience. Across platforms, InfoScale with SLIC improves license utilization, simplifies reporting and enhances security with strong encryption. InfoScale also includes telemetry support and provides a new Veritas License Audit tool that provides a comprehensive report of all Veritas product licenses used throughout the organization, simplifying license renewals and ensuring you receive maximum value from Veritas InfoScale.

## **IMPROVING OPERATIONS AND SECURITY**

Veritas InfoScale Operations Manager (VIOM), a web-based graphical management framework, facilitates central management and visualization of the underlying applications as well as the heterogeneous server and storage environment. It also enables key functionality, including InfoScale Virtual Business Services for managing applications across heterogeneous tiers as a business service. In addition to the enhanced secure encryption mechanisms like AES 256-bit, which InfoScale already provides support for, InfoScale now includes:

- Support for two-factor authentication (2FA/PKI) to significantly reduce the risk of unauthorized access to mission-critical data.
- SNMP v3 support that provides commercial-grade security and ease of administration, including authentication, authorization, access control and privacy.
- Ability for VIOM operations to be enabled through REST APIs for other programs to interact with VIOM and administrators to automate tasks.
- Integrated support for CHEF to allow simple and easy deployment of InfoScale across platforms at any scale.
- Enhanced monitoring with instant fault detection and remediation using the Intelligent Monitoring Framework (IMF) for cloned Application agents.
- Utilization of DevOps tool such as Ansible and support for OS native package tools such as YUM to improve the installation, configuration, upgrade, and management.

## **MAKING THE PATH TO THE CLOUD EASIER AND SAFER**

InfoScale effectively supports an organization's cloud strategy across a broad range of use cases, including tiering data to the cloud using automated policies, simultaneous support for multi-cloud environments, seamless application and data migration to the cloud for disaster recovery and high availability.

InfoScale is now supported in Google Cloud Platform (GCP) – this means InfoScale offers the same performance optimization, high availability and disaster recovery capabilities to the business' mission critical applications irrespective of whether they are running on-premises or on AWS, Azure,

and GCP. Also available in the [AWS marketplace](#), InfoScale Enterprise is easy to deploy. You can use current InfoScale license keys for InfoScale in AWS. To combat rising security threats, InfoScale now supports Signature Version 4 authentication for AWS S3 environments, with InfoScale providing advanced security and authentication capabilities for cloud-based applications and data.

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## ABOUT VERITAS TECHNOLOGIES LLC

Veritas Technologies empowers businesses of all sizes to discover the truth in information—their most important digital asset. Using the Veritas platform, customers can accelerate their digital transformation and solve pressing IT and business challenges including multi-cloud data management, data protection, storage optimization, compliance readiness and workload portability—with no cloud vendor lock-in. Eighty-six percent of Fortune 500 companies rely on Veritas today to reveal data insights that drive competitive advantage. Learn more at [www.veritas.com](http://www.veritas.com) or follow us on Twitter at [@veritastechllc](#).

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V0730 02/19