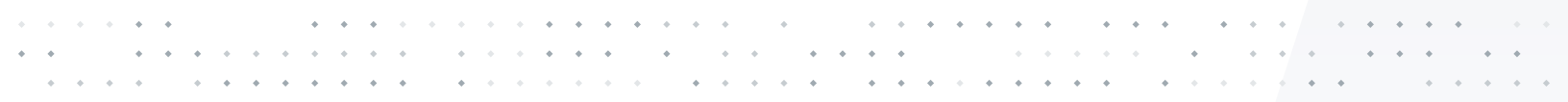


Veritas InfoScale Licensing Guide

Updated January 19, 2022



Purpose of This Guide

This document serves as a licensing reference guide on the options available for Veritas InfoScale™ products, including InfoScale Foundation, InfoScale Storage, InfoScale Availability and InfoScale Enterprise. Users should obtain all pricing and SKUs from the current appropriate regional price list. This document is intended for use internally and externally by Veritas and Veritas customers and Partners. Veritas reserves the right to change this document at any time without notice.

This guide supersedes previous licensing guides.

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Product Overview

Veritas InfoScale addresses enterprise storage management and IT service continuity needs. It draws on the long Veritas heritage of storage management and availability solutions to help IT teams realize reliable, predictable and high-performing operations across their physical, virtual and cloud infrastructures. It incorporates the technologies underlying the Storage Foundation High Availability family and provides software-defined storage and resiliency for critical services across the data center infrastructure. The solution provides high availability (HA) and disaster recovery (DR) for complex, multitiered applications across any distance.

Veritas InfoScale Foundation delivers basic heterogeneous storage management while increasing storage utilization and enhancing storage I/O path availability for physical and virtual environments.

Veritas InfoScale Storage enables organizations to provision and manage storage independently of hardware types or locations while delivering predictable quality of service (QoS), higher performance and better return on investment (ROI).

Veritas InfoScale Availability helps keep an organization's information and critical business services up and running on-premises and across globally dispersed data centers through local clustering and DR to remote sites.

Veritas InfoScale Enterprise addresses enterprise IT service continuity needs. It provides resiliency and software-defined storage for critical services across an organization's data center infrastructure.

The **Veritas Storage Foundation** and High Availability product functionality is included in the InfoScale products as follows. For details, please visit the [Services and Operational Readiness Tool \(SORT\)](#) website.

InfoScale Licensing Metering

When Veritas Technologies, the benchmark in software-defined storage solutions, updated the Storage Foundation Suite to the InfoScale Family, we adjusted our licensing options to simplify purchasing and deployment without sacrificing flexibility, selection options, and most important, meeting your company's compliance policies.

InfoScale is licensed with three different license meters and two license models.

- **License meters**—Core, Core Plus, and Server Tier
- **License models**—Perpetual and Subscription

License Meters

The Core meter is based on the total number of central processing unit (CPU) cores in the environment. Licenses are unique to the operating system (Unix, Linux, or Windows) and can only be used for the operating system for which they are licensed. This identification is indicated by the SKUs used for purchase and the license entitlement in the Veritas Entitlement Management System (VEMS).

The Core Plus meter is based on the total number of CPU cores in the environment multiplied by the corresponding core Coefficients based on core attributes. Licenses are cross-platform (that is, not unique to the operating system) and can be deployed on any operating system based on the number of licenses an organization owns.

Server Tier licenses are available for Unix only. Server Tier licenses are designed to make it easier to manage bulk purchases by classifying servers into specific tiers (Tiers A-N). Tiering is determined based on server and processor capabilities such as computing power, performance, clock speed and capacity.

License Models

Customers may either purchase a Perpetual license or a Subscription license to InfoScale.

A **Perpetual license** allows organizations to use a specific version of a given software program on a perpetual basis with payment of a single license fee. With Perpetual licensing, they pay an up-front charge for the software license. As part of the initial software purchase, they may purchase maintenance/support for their software licenses for a defined period. After the purchased maintenance/support period ends, they may continue to use their Perpetual software licenses, subject to the terms of the applicable license agreement. However, the organization's right to receive maintenance/support for its software licenses, including updates and upgrades to the software, expires along with its maintenance/support.

A **Subscription or term-based license** allows organizations to license the product during a specified period of time (either 12, 24, 36, 48, or 60 months); maintenance/support is included in the price of the subscription. During the term of the subscription, organizations have the right to use the product, install product updates provided as part of maintenance/support, and receive technical support. They do not own the license, but have all the entitlements of ownership as long as they have a current subscription. At the end of the term, they can renew the subscription to continue using the product. (See Table 1.)

InfoScale License Meters and Models	
Meters	Platforms Available
Core	Unix, Linux and Windows (separate SKUs/entitlements)
Core Plus	Cross-platform
Server Tier	Unix only
Models	Licensing Model Type
Perpetual Licensing	Indefinite license usage; maintenance is available in 12-, 24-, 36-, 48- and 60-month increments.
Subscription Licensing	Term license and maintenance bundled together that is available in 12-, 24-, 36-, 48- and 60-month increments.

Table 1. InfoScale License Meters and Models

Meter Definitions

Metering by "Core" for Unix, Linux, or Windows

- Per "Core" licensing is available for Unix, Linux, and Windows.
- For Core, one license is required for each "Core" where an InfoScale product is deployed and running, regardless of server models and processor architecture.
- A "Core" is defined as a functional physical unit—not a logical unit or a thread within a core—on a processor that reads, interprets, and executes computer instructions, including instructions from the licensed software.
- A "Core" refers to the processor or execution core contained in the same integrated circuit within a computer's CPU, whether such "Cores" are virtual or physical.
- A multi-core processor is a single computing component with two or more independent "Cores."
- Organizations only need to license "Cores" that are in use. "Cores" disabled at the kernel level do not require licenses.
- Organizations running Solaris on x86-64 "Cores" need to license the InfoScale Linux platform.

Metering by “Core Plus”

- Per “Core Plus” licensing is available cross-platform.
- For Core Plus, one license is required for each “Core Plus” credit consumed (defined as resulting values after multiplying the number of Cores by the corresponding Core Coefficients) where an InfoScale product is deployed and running.
- A “Core” is defined as a functional physical unit—not a logical unit or a thread within a core—on a processor that read, interprets, and executes computer instructions, including instructions from the license software.
- A “Core” refers to the processor or execution core contained in the same integrated circuit within a computer’s CPU, whether such “Cores” are virtual or physical.
- A multi-core processor is a single computing component with two or more independent “Cores.”
- Organizations only need to license “Cores” that are in use. “Cores” disabled at the kernel level do not require licenses.

Metering by Server for Unix

- One license is required per server.
- Hardware server SKUs are tiered by server type classifications (Tiers A–N), graduating higher based on the size and performance of the Unix system.
- Available for Unix only.
- If an organization wishes to transfer from per-server to per-core metering at any time, contact Veritas Sales for this option.

Determining Core Plus Entitlement Requirements

Customers have multiple options to collect the information necessary to calculate Core Plus licensing requirements.

1. Veritas InfoScale Operations Manager (VIOM)—Provides offline and online options to calculate the Core Plus credits required for the InfoScale environment. Customers can download VIOM from the [Veritas support site](#).
2. SORT Data Collector Tool—Customers can download and use the [SORT Data Collector Tool](#) and run a report to see the number of InfoScale licenses deployed in their server environment.
3. Third-party tool—If the above two options are not available, customers may use a third-party reporting tool like ServiceNow to generate a usage report. They can then send that report to the renewals group to calculate the number of Core Plus Credits required.

Determining the Server License Tier to Select the Veritas SKU

Manufacturer servers are assigned a tier classification A–N that corresponds to unique Veritas SKUs at different price points. The Veritas Services and Operations Readiness Tools (SORT) offers license calculators for the InfoScale/Storage Foundation family. Use the Server Tier tab to enter and identify your server by tier. If you have a virtual server environment or a server with multiple processor cores, per-core licensing may be a better choice.

Licensing per Instance with InfoScale 7.4.1

Prior to the release of InfoScale 7.4.1, an organization could license multiple products such as Storage Foundation High Availability and InfoScale Storage on the same instance. With the release of InfoScale 7.4.1, only one license is allowed per instance, so we recommend organizations license InfoScale Enterprise to fully license the instance instead.

Also note that InfoScale 7.2 is the last release for VxDMP for VMware. Veritas will no longer support VxDMP for VMware beginning with InfoScale 7.3; please refer to the [InfoScale 7.3 Release Notes](#) for more information.

Services and Operations Readiness Tools

The Services and Operations Readiness Tools (SORT) is a resource for platform support status and license calculations. Figure 1 shows an example of a license calculation to determine the server tier for an Oracle Sun SPARC server. Listed are the options to choose to license by core (6 cores, recommended) or by Server Tier (B).

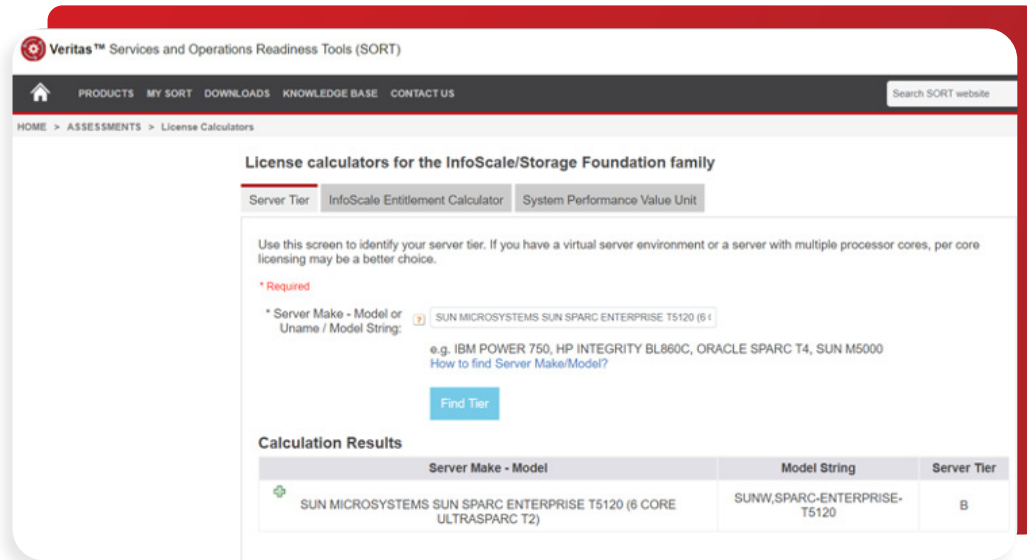


Figure 1. An example of an InfoScale license calculation using SORT.

Licensing for Virtual Server Environments (Core Model)

Organizations running InfoScale products in virtual server environments are required to acquire licenses only for the Cores that are running the products, regardless of the virtualization platform (see Figure 2 and Figure 3). Note that the approach outlined below only applies to the Core model.

The process for calculating licenses required for virtual machine (VM) deployments is as follows:

1. Determine the number of virtual "Cores" assigned to all guests by the guest operating system (OS).
2. The number of "Cores" to license is the total number of virtual "Cores" assigned to all VM instances.
3. Public cloud vCPUs equivalent core ratios for InfoScale are calculated as follows: Core Ratio 1:1 (for example, 8 AWS vCPUs = 8 InfoScale Cores).

Example of Valid License Scenarios – Virtual Environment

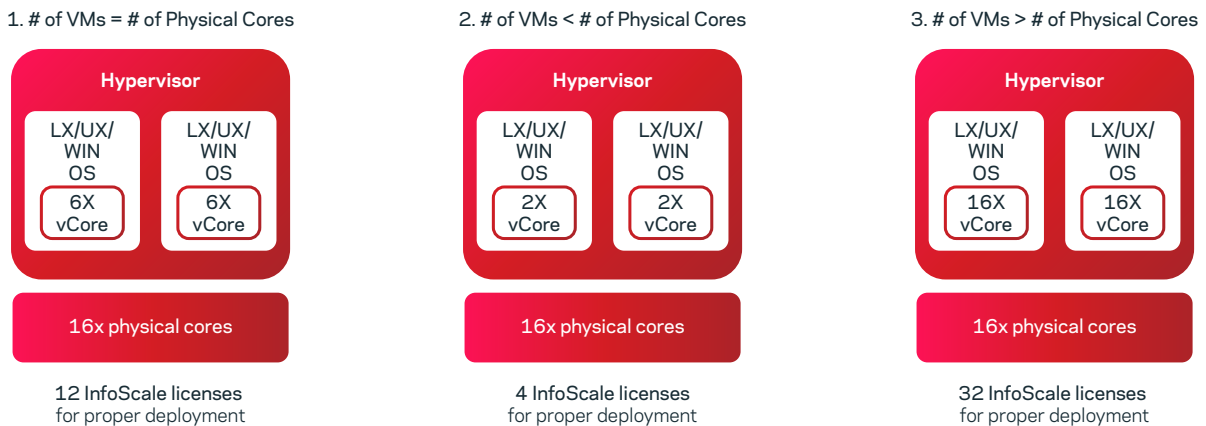
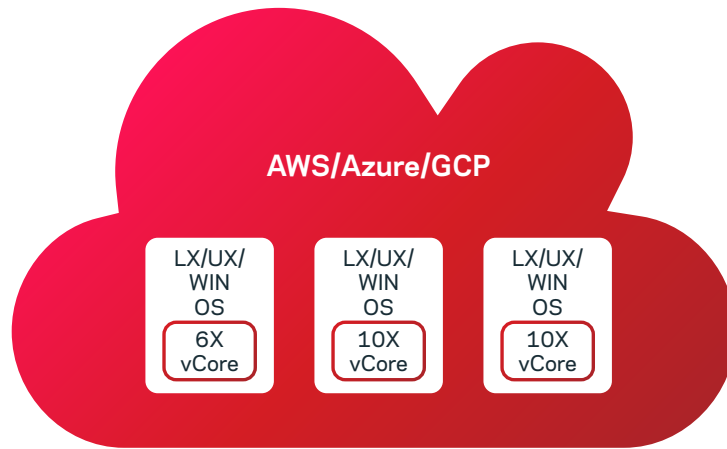


Figure 2. An example of valid InfoScale Core license scenarios for a virtual environment.

Example of Valid License Scenarios – Cloud Environment



26 InfoScale licenses for proper deployment

Figure 3. An example of valid InfoScale Core license scenarios for a cloud environment.

Licensing for Virtual Server Environments (Core Plus Model)

Organizations running InfoScale products in virtual server environments are required to acquire licenses only for the Cores that are running the products, regardless of the virtualization platform (see Figure 4 and Figure 5). Note that the approach outlined below only applies to the Core Plus model.

The process for calculating licenses required for VM deployments is as follows:

1. Determine the number of virtual “Cores” assigned to all guests by the guest OS.
2. Multiply virtual “Cores” by corresponding Core Coefficients to calculate the number of licenses required for “Core Plus” credits consumed.
3. Core Coefficients corresponding to virtual “Cores” are identical to Core Coefficients of underlying physical “Cores.”
4. Multiply public cloud vCPUs by corresponding Core Coefficients to calculate the number of licenses required for “Core Plus” credits consumed.
5. Core Coefficients corresponding to public cloud vCPUs will be based on public cloud instance types.

Example of Valid Core Plus License Scenarios – Virtual Environment

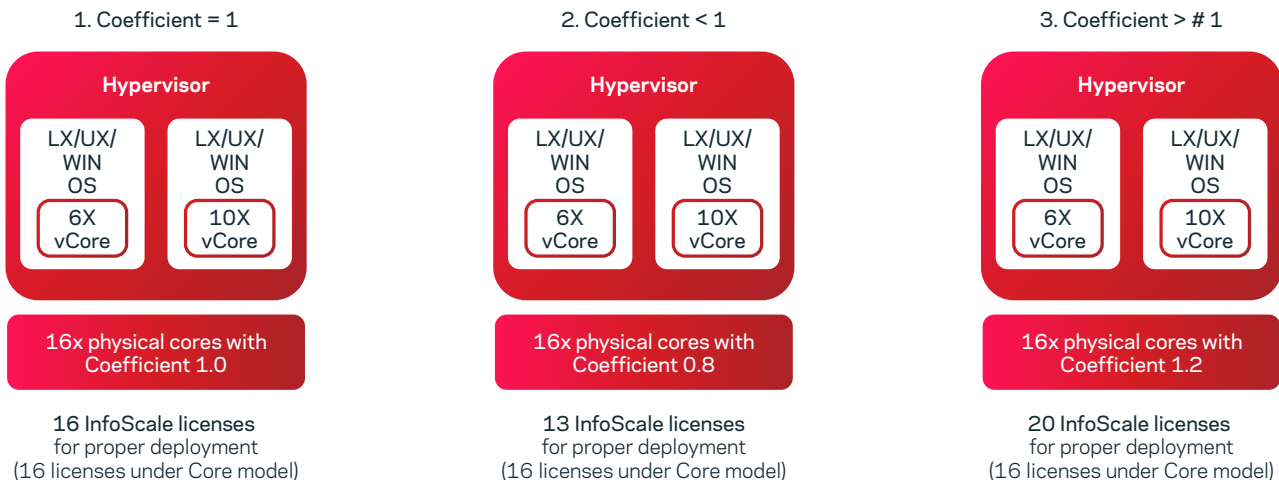
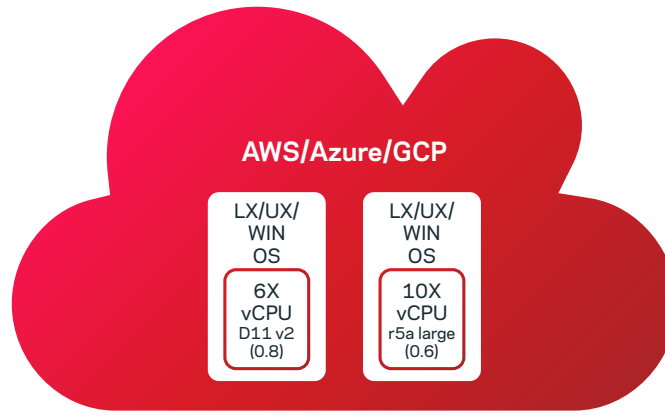


Figure 4. An example of valid InfoScale Core Plus license scenarios in a virtual environment.

Example of Valid Core Plus License Scenarios – Cloud Environment



11 InfoScale licenses for proper deployment
(16 licenses under Core model)

Figure 5. An example of valid InfoScale Core Plus license scenarios in a cloud environment.

License Keys

With Veritas InfoScale Operations Manager (VIOM), organizations can choose either permanent license keys or keyless licensing to install and use InfoScale products. The exception is DMP for VMware, which requires permanent license keys. Installation without a license does not eliminate the need to obtain a license to ensure entitlement and compliance.

Within 60 days of choosing this option, organizations must install a valid license key corresponding to the license level entitled or continue with keyless licensing by managing the systems with VIOM to comply with the End User License Agreement (EULA).

Permanent License Key

Organizations can obtain license keys in either of these ways:

1. **Download from the Veritas Licensing Portal**—Within 60 days of choosing this option, an organization must install a valid license key corresponding to the license level entitled to comply with the EULA.
2. **Receipt of a License Key Certificate**—Upon purchasing an InfoScale product, an organization will receive a License Key certificate. The certificate specifies the product keys and the number of product licenses purchased.

Keyless License

Figure 6 describes the options for obtaining permanent and keyless licensing for InfoScale.

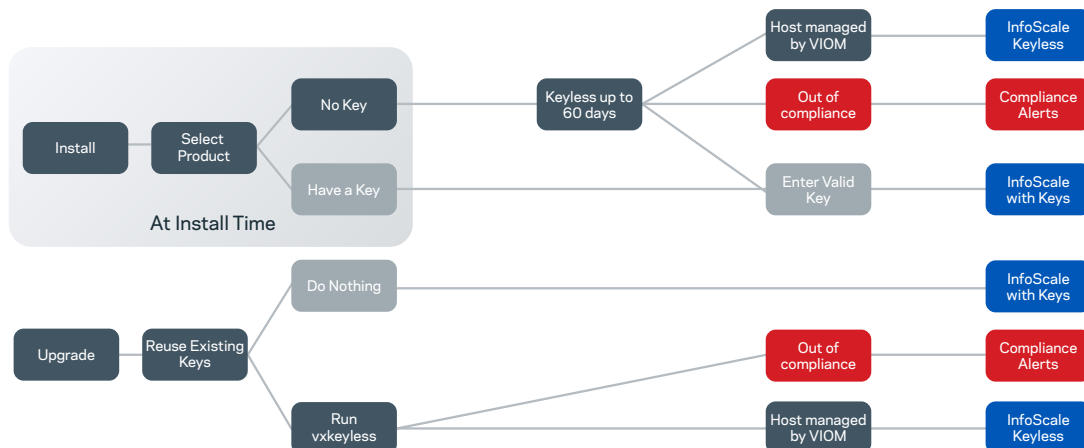


Figure 6. Options for permanent and keyless licensing for InfoScale.

After the first 60 days, organizations may continue to use the licensed InfoScale software without a Standard License Key only if they obtain, install and use VIOM on a server to track keyless licensing. InfoScale licenses include a license to VIOM. Organizations may also obtain a copy of VIOM from [SORT](#). For more information, visit the [Veritas Licensing Support website](#).

Evaluation Keys

Evaluation keys are created for all InfoScale functionalities except DMP for VMware. Organizations are encouraged to use the keyless mode for evaluation of InfoScale products for up to 60 days.

License Terms and Support

EULA and PUR

A copy of the latest InfoScale EULA and InfoScale Product Usage Rights (PUR) are available on the Veritas website. Please refer to the [Service and License Agreements page](#) and scroll down to the InfoScale section.

Cold Disaster Recovery

Organizations may install only InfoScale Foundation and InfoScale Storage licenses with a valid maintenance/support contract on Cold Disaster Recovery Equipment and for Failover Testing purposes and used concurrently with authorized production use for a cumulative total of thirty (30) testing days in any twelve- (12-) month period in pursuant to PUR.

Organizations must install InfoScale Availability and InfoScale Enterprise licenses on all equipment and environments where InfoScale Availability and InfoScale Enterprise licenses are deployed.

InfoScale Renewals

Renewal Entitlement

Organizations with current maintenance/support contracts for InfoScale licenses under Perpetual or Subscription terms are eligible to purchase a maintenance or subscription renewal. Maintenance and subscription renewals are available prior to End of Service Life (EOSL) of the product.

Organizations without current maintenance/support have the option to reinstate maintenance/support and pay the requisite fees to become eligible to upgrade to the current version, provided maintenance/support for the product is still available. For more information regarding Veritas End of Life (EOL) policies, refer to the Support and Maintenance Services section of this document.

The [InfoScale Entitlement Calculator](#) on the SORT website is available to calculate license conversions based on current systems to be entitled at renewal. This calculation helps enable compliance analysis for the server meter and per-Core pricing meter of the Veritas InfoScale product family. Organizations that wish to transfer their InfoScale licenses to a different OS may do so, as shown in Table 2. Those that do not have current maintenance/support have the option to reinstate maintenance/support and pay the requisite fees to become eligible to transfer InfoScale licenses to a different OS.

Licenses	Conversion Ratio
Core-to-Core License Transfer	
Linux to Unix	1:1
Linux to Windows	1:1
Unix to Linux	1:1
Unix to Windows	1:1
Windows to Linux	1:1
Windows to Unix	1:1
Linux to Unix	1:1
Core-to-Server Tier/Server Tier-to-Core License Transfer	
Linux/Windows to Unix	Varies based on the Server Tier
Unix to Linux/Windows	Varies based on the Server Tier

Table 2. License Transfer Ratios when Transferring InfoScale Licenses to a Different Operating System

Cross-Grades

Cross grade is defined as a license transfer from a lower-featured product to a more full featured product that includes the previous product's functionality. For example, a cross-grade from InfoScale Foundation to InfoScale Storage would entitle an organization to both InfoScale Foundation and InfoScale Storage, providing a fuller-featured product. Table 3 shows the four cross grade SKUs for InfoScale products available for cross-grade purchase.

Lesser Product	More Full-Featured Product	License Transfer Ratio
InfoScale Foundation	InfoScale Storage	1:1
InfoScale Foundation	InfoScale Enterprise	1:1
InfoScale Availability	InfoScale Enterprise	1:1
InfoScale Storage	InfoScale Enterprise	1:1

Table 3. Cross-Grade SKUs Available for InfoScale Cross-Grade Purchase

Support and Maintenance Services

Veritas Enterprise Support Services provides unmatched expertise, innovative support technology, and customer advocacy through a portfolio of flexible offerings designed to optimize IT infrastructure and manage IT risk. Support Services include Basic, Essential, and Business Critical Services Support. **Note: Basic Maintenance is only available in India, Korea, and Japan.**

Organizations can maximize their investment in Veritas products by keeping them fully functional and up-to-date through Veritas Enterprise Support Services, a vital component of a successful IT risk management program. For more information, visit the [Veritas Enterprise Support page](#). A current maintenance agreement is required to access InfoScale updates in the download center at www.veritas.com/support.

End of Life

Figure 7 describes the general EOL lifecycle for Veritas enterprise software products with typical InfoScale timeframes inserted. EOL phases and dates for specific InfoScale product versions will be posted on the [Veritas EOL website](#) or in the SORT tool under the Knowledge Base.

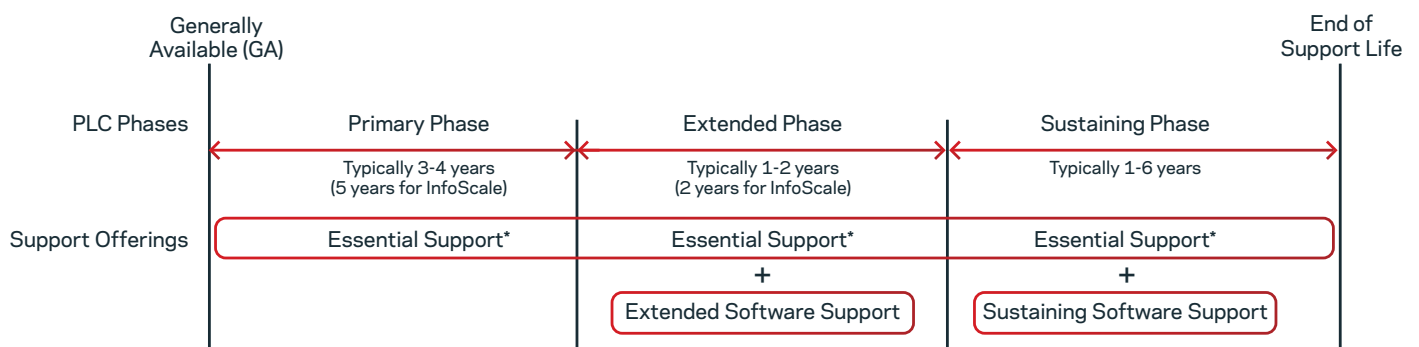


Figure 7. General EOL lifecycle for Veritas enterprise software products, including InfoScale.

Basic Maintenance or Essential Support

An InfoScale product version enters its Primary Phase when it is first made generally available (GA). During this phase, an organization needs only an Essential Support (* or Basic Maintenance, as applicable) subscription to receive technical support and maintenance for that product version. Organizations are strongly encouraged to upgrade to the latest GA version of an InfoScale product. However, if they need to remain on an aging product version, Veritas offers Extended Software Support and Sustaining Software Support to provide this flexibility.

Extended Software Support

The Extended Phase allows an organization to continue receiving technical support on an older InfoScale product version for typically up to two (2) additional years after the Primary Phase of that version ends. Organizations must purchase Extended Software Support in addition to Essential Support (or, in certain regions, Basic Maintenance) to continue receiving support on the legacy software version. Extended Software Support extends an organization's eligibility to receive support for a software version that has reached the end of the Primary Phase but has not yet reached the Sustaining Phase. Once the software has reached the end of the Primary Phase, organizations will only receive technical support if they upgrade the product to a supported version or purchase Extended Software Support in addition to their Essential Support subscription (or Basic Maintenance, as applicable). The final date for the Extended Phase of an InfoScale product version will be posted online or in the SORT tool under the Knowledge Base. For more information, see the [Veritas End of Life Policy](#).

Sustaining Software Support

The Sustaining Phase allows an organization to continue receiving technical support on an older InfoScale product version for typically between one to six (1–6) additional years after the Extended Phase of that version ends. Organizations must purchase Sustaining Software Support in addition to Essential Support (or, in certain regions, Basic Maintenance) to continue receiving support on the legacy software version. Sustaining Software Support extends an organization's eligibility to receive support for a software version that has reached the end of the Extended Phase but has not yet reached End of Support Life. Once the software has reached the end of the Extended Phase, organizations will only receive technical support if they upgrade the product to a supported version or purchase Sustaining Software Support in addition to their Essential Support subscription (or Basic Maintenance, as applicable). The final date for the Sustaining Phase (End of Support Life) of an InfoScale product version will be posted online or in the SORT tool under the Knowledge Base and is typically tied to the date the underlying OS/platform vendor stops supporting that OS/platform. For more information, see the [Veritas End of Life Policy](#).

References

For more detailed information on InfoScale, including hardware and software compatibility guides, technical support and the administration guide, please visit [Veritas Support](#).

To manage and obtain license keys or to open or manage a Support case, please visit the Veritas [licensing portal](#).

Helpful links:

- [Veritas Licensing Support](#)
- [Veritas EOL and EOSL Policies](#)
- [Veritas InfoScale Product Version Support \(SORT\)](#)
- [Veritas Smart Meter](#)
- [Veritas InfoScale Support Documentation](#)

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About Veritas

Veritas Technologies is a global leader in data protection and availability. Over 80,000 customers—including 87 percent of the Fortune Global 500—rely on us to abstract IT complexity and simplify data management. The Veritas Enterprise Data Services Platform automates the protection and orchestrates the recovery of data everywhere it lives, ensures 24/7 availability of business-critical applications, and provides enterprises with the insights they need to comply with evolving data regulations. With a reputation for reliability at scale and a deployment model to fit any need, Veritas Enterprise Data Services Platform supports more than 800 different data sources, over 100 different operating systems, more than 1,400 storage targets, and more than 60 different cloud platforms. Learn more at www.veritas.com. Follow us on Twitter at [@veritastechllc](https://twitter.com/veritastechllc).

VERITAS™

2625 Augustine Drive
Santa Clara, CA 95054
+1 (866) 837 4827
veritas.com

For global contact
information visit:
veritas.com/company/contact