

VMware vRealize Suite

Cloud management platform purpose-built for the hybrid cloud

AT A GLANCE

VMware vRealize™ Suite is a cloud management platform purpose-built for the hybrid cloud, delivering and managing infrastructure and applications quickly while maintaining IT control. It provides a comprehensive management stack for IT services on VMware vSphere® and other hypervisors, physical infrastructure, OpenStack and external clouds such as VMware vCloud® Air™ and Amazon Web Services, all with a unified management experience.

KEY BENEFITS

- **Automation** – Automate the delivery and lifecycle management of infrastructure and application services while maintaining policy-based control
- **Intelligent operations** – Proactively manage performance, capacity, compliance, and logs across applications and infrastructure
- **Business insight** – Align IT spending with business priorities by getting full transparency of infrastructure and application service cost and quality.
- **Unified management** – Provision and manage IT services across private and public clouds with a consistent management experience
- **Open platform** – Extend management to third-party systems and leverage existing investments with open APIs, management packs, orchestration tools, and software development kits

Management in the Hybrid Cloud Era

Broad adoption of “the cloud” is driving realization that the traditional management tools and processes do not meet the demands of the modern data center. These tools are siloed, complex, and reactive. They do not provide the necessary automation and operational and business insights that IT needs to keep pace with changing business requirements.

Increasingly, IT leaders are looking for a single management stack that works across physical components, multiple hypervisors and private and public cloud environments, as well as traditional and modern application architectures. They need a solution that delivers on the agility promise of the cloud while still maintaining control.

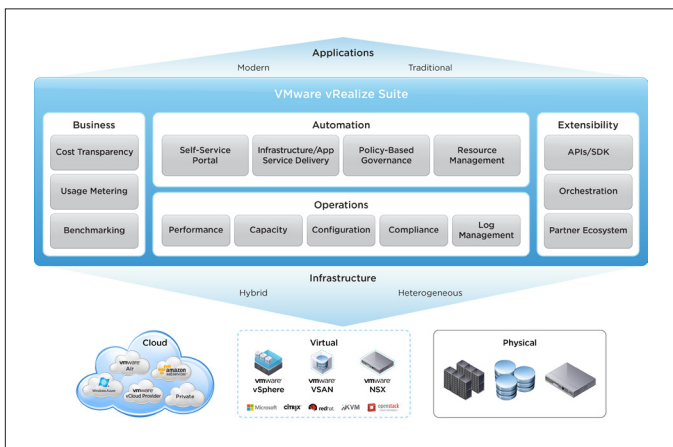
Unlike traditional management tools, VMware vRealize Suite is purpose-built for the heterogeneous data center and the hybrid cloud. While optimized for vSphere environments, VMware vRealize Suite can provision and manage physical resources as well as other hypervisor platforms such as Microsoft Hyper-V and Redhat KVM. It extends a unified management experience to external cloud service providers such as VMware vCloud Air and Amazon Web Services or OpenStack-based private and public clouds.

With VMware vRealize Suite, businesses get the agility and speed needed to maintain competitive advantage. At the same time, IT gets the control and efficiency needed to manage uptime, performance, compliance and cost of infrastructure and applications.

What Is VMware vRealize Suite?

VMware vRealize Suite is the VMware flagship management solution for SDDC and hybrid cloud. It delivers:

- **Automation** – Enable self-service infrastructure and application services through a web-based portal and catalog. Model infrastructure and applications once and deploy in any approved cloud environment using blueprints. Automatically allocate the right levels of resources based on business rules and service-level requirements. Dynamically orchestrate and balance workloads to meet changing demand.
- **Intelligent Operations** – Gain complete control over performance, capacity and configuration management with a scale-out and resilient operations platform. Proactively identify and remediate issues with predictive analytics and smart alerts. Get app-to-storage visibility with customizable dashboards. Extend analytics to unstructured data with integrated log management, for faster root-cause analysis. Right size over- and under-provisioned VMs and use capacity modeling to anticipate and optimize future needs. Improve efficiency through policy-based automation of key IT processes and compliance standards.



- **Business Insight** – Demonstrate and compare the costs of complex initiatives and investments, including private and public clouds. Enable show and charge back through visibility and transparency of the types, cost and quality of IT services consumed by a business unit. Make informed sourcing decisions based on industry benchmarks and comparison of IT expenses to peers and cloud service providers.
- **Unified Management** – Use a single and extensible platform to provision and manage applications and infrastructure on-site and in the cloud, and for both traditional and cloud-native application architectures.

How to Buy

VMware vRealize Suite gives organizations a complete and open management solution for heterogeneous data center and hybrid cloud deployments with a single purchase.

VMware vRealize Suite is available in two editions.

VMware vRealize Suite Advanced

Comprehensive management solution for provisioning and ongoing management of infrastructure services:

- Rapid, self-service infrastructure provisioning
- Infrastructure health, performance, and capacity monitoring across physical, virtual, and hybrid cloud deployments
- Rapid creation of rate cards and automatic pricing of service catalog blueprints for use in a self-service portal
- Out-of-the-box benchmarks, usage metering, and public cloud comparison
- Plan, control, and recover costs expended in providing full IT Services stack, implementing cost transparency, cost optimization, and demand management
- Visibility into application dependencies and hypervisor change and configuration management

VMware vRealize Suite Enterprise

Complete management solution for deployment, ongoing management, and compliance for infrastructure and applications, with the following additional benefits:

- Rapid, self-service infrastructure and application provisioning
- Automated configuration and deployment of multitier cloud applications
- Visibility into application performance
- Regulatory compliance, OS-level change, and configuration management
- IT service level management
- Transparency into IT performance and value measures for all services and vendors, enabling IT to govern contractual commitments

VMware vRealize Suite Components

VMware vRealize Suite consists of the following products:

- VMware vRealize™ Automation™ Advanced or Enterprise
- VMware vRealize™ Operations™ Advanced or Enterprise
- VMware vRealize™ Log Insight™
- VMware vRealize™ Business™ Standard
- VMware vRealize™ Business™ Advanced or Enterprise

Licensing and Deployment

VMware vRealize Suite is available with two licensing models:

- Per processor – For on-premises private cloud or virtual environments
- Per OS instance – For public cloud workloads or workloads on physical hardware

How Is VMware vRealize Suite Used?

Some of the common deployments for VMware vRealize Suite include

- Developer and IT personnel access to self-service infrastructure (IaaS)
- Infrastructure and applications service design based on blueprints
- Agile application development, rollout, and lifecycle management
- Optimizing hybrid IT environment based on cost, usage, and capacity
- Ensuring SLAs and regulatory compliance across environments

Support and Professional Services

VMware offers global subscription and support (SnS) services to all VMware customers.

For customers requiring additional services, VMware also offers professional services both directly and through an extensive network of certified professionals:

- Accelerate Advisory Services
- Cloud Operations Advisory Services
- Technology Consulting Services
- Technical Account Manager Services
- Education Services and Certification Program

For more information, see <http://www.vmware.com/services/>.

vREALIZE SUITE FEATURES		ADVANCED EDITION	ENTERPRISE
Automation	Self-service portal with unified services catalog and API functionality	•	•
	Infrastructure Services – Multi-vendor, multi-cloud Infrastructure provisioning and management	•	•
	Governance – entitlement, approvals, reclamation, showback	•	•
	Custom Services – Design, and automated delivery of Custom IT services	•	•
	Application services – Multi-Application blueprints and application provisioning		•
	Release automation – application release and lifecycle management		•
Operations	Customizable Dashboards – health monitoring, predictive analytics and Smart Alerts	•	•
	Capacity Management – metering, right-sizing, modeling, what-if scenarios and capacity model-driven analytics	•	•
	Application awareness – discovery, dependency mapping	•	•
	vSphere hardening, change and configuration management	•	•
	High performance Log Analytics	•	•
	Storage Analytics - deep visibility into storage infrastructure topology, stats, and events across HBAs, fabric, and arrays.	•	•
	Monitoring of OS Resources (CPU, Disk, Memory, Network) *	•	•
	Application, middleware and database monitoring *		•
Business	OS-level change, configuration and regulatory compliance management (PCI, HIPAA, SOX etc) **		•
	Infrastructure Usage metering, Costing, Pricing, Showback and reporting	•	•
	Infrastructure Benchmarks and Performance Management	•	•
	Infrastructure Business Planning	•	•
	IT Financial Management: Strategy, Budgeting and Planning	•	•
	IT Financial Management: Accounting & Cost Allocation	•	•
	Service Level Management		•

* vRealize Hyperic in Advanced edition includes Platform plug-ins for Windows, Linux, AIX, Solaris, HP-UX (EULA restricted). Full Hyperic is included in Enterprise edition
 ** Enterprise edition includes Regulatory Compliance for the guest-OS level or physical servers

Get more out of vRealize Suite with third-part integrations, adaptors and management packs. For a complete list visit Solution Exchange <https://solutionexchange.vmware.com/store>

Find Out More

For information or to purchase VMware products, call 1-877-VMWARE (outside North America, dial +1-650-427-5000), visit <http://www.vmware.com/products>, or search online for an authorized reseller. For detailed product specifications and system requirements, refer to the product documentation.

