

vRealize Automation Integration 8.x—Standard Service

Integrate vRealize with a fixed list of products and services

AT A GLANCE

The vRealize Automation Integration Standard Service builds on top of existing or new VMware vRealize Automation deployments to provide extended functionality that is optimized, scalable, and rapidly delivered remotely by the VMware Worldwide Consulting Centers Center of Engineering (WWCoE)

KEY BENEFITS

- Reduces total cost of ownership by introducing automation and decreasing administration and support costs.
- Increases transparency across all the systems.
- Leverages a common framework for extending vRealize Automation and vRealize Automation Cloud.
- Provides a tailored solution to meet client requirements with ready-to-run extensibility software.
- Increases business resiliency

SKU

CON-vRA-COMP-PLUG

Service overview

The VMware vRealize® Automation Integration Standard Service leverages VMware vRealize® Build Tool which is a proprietary extensibility framework that allows for rapid delivery of cloud management integrations and increases the transparency across all organizational functions. It leverages remote delivery and includes one (1) of the following integration, automation, or extension catalog items:

- Custom Hostname Extension
- Integrate with Microsoft Active Directory
- Notifications Extension
- Dynamic Resource Scheduler Extension
- Backup-as-a-Service with Cohesity
- Backup-as-a-Service with Rubrik
- Backup-as-a-Service with Veeam
- Red Hat Satellite Integration
- BlueCat IPAM Integration
- BlueCat DNS Integration
- BT Diamond IPAM Integration
- BT Diamond DNS Integration
- Men&Mice IPAM Integration
- Men&Mice DNS Integration
- Microsoft DNS Integration
- SolarWinds Monitoring Integration
- SolarWinds IPAM Integration

A vRealize Automation Integration Standard Service project includes the following high-level activities:

- Project Management
- Development
- Documentation
- Release

vRealize Automation Integration Standard Service projects require the following VMware products:

- vRealize Automation
- VMware vRealize® Orchestrator™

Project scope

The project scope depends on the specific integration, automation, or extension catalog item being purchased. Scope specification for each catalog item are listed below.

Custom Hostname Extension

Custom naming policies are created in a Cloud Assembly Project, resulting in a custom hostname based on the client's requirements. After a user requests a virtual machine (VM) through a cloud template (formerly blueprint), it receives a name conforming to a Project Custom Naming template that was configured.

Integrate with Microsoft Active Directory

After a user requests a VM through a vRealize Automation cloud template, a record for the provisioned machine is registered in a specified Active Directory organization unit (OU) including the VM name and DNS domain name. The user can destroy a machine through vRealize Automation which unregisters the corresponding machine record from Active Directory. The domain/OU setting lives in the cloud template custom properties.

Notifications Extension

This extension provides a flexible way to send conditional emails or REST-based notifications on VM lifecycle events.

Dynamic Resource Scheduler Extension

This extension supports precise workload placement on underlying clusters or hosts (for license compliance purposes for example) by matching provisioning request inputs to fine-grained host groups. It comes with support for VM affinity/anti-affinity specification at deployment level.

Backup-as-a-Service with Cohesity

This item provides integration with Cohesity for backup and recovery in a fully automated policy-driven way.

Backup-as-a-Service with Rubrik

This item provides integration with Rubrik for backup and recovery in a fully automated policy-driven way.

Backup-as-a-Service with Veeam

This item provides integration with Veeam for backup and recovery in a fully automated policy-driven way.

Red Hat Satellite Integration

This item provides integration with Red Hat Satellite aiming to create software-defined configurations and publish them as part of an existing catalog.

BlueCat IPAM Integration

This item provides integration with BlueCat for IP management.

BlueCat DNS Integration

The BlueCat DNS server integration allows for creating and deleting A, CNAME, and PTR records belonging to provisioned and decommissioned VMs.

BT Diamond IPAM Integration

This item provides integration with BT Diamond for IP management.

BT Diamond DNS Integration

The BT Diamond DNS server integration allows for creating and deleting A, CNAME, and PTR records belonging to provisioned and decommissioned VMs.

[Men&Mice IPAM Integration](#)

This item provides integration with Men & Mice for IP management.

[Men&Mice DNS Integration](#)

The Men&Mice DNS server integration allows for creating and deleting A, CNAME, and PTR records belonging to provisioned and decommissioned VMs.

[Microsoft DNS Integration](#)

The Microsoft DNS server integration allows for creating and deleting A, CNAME, and PTR records belonging to provisioned and decommissioned VMs.

[SolarWinds Monitoring Integration](#)

This item provides monitoring agents installed on the VM's guest OS and configured to integrate with the monitoring instance. Only basic configuration of the agent is supported.

[SolarWinds IPAM Integration](#)

This item provides integration with SolarWinds for IP management

[Out of scope](#)

The vRealize Automation Integration Standard Service specifically excludes the following:

Work organization

- Travel and other expenses
- Off-hours activities such as participation in on-call schedules
- Any services or activities other than those explicitly specified in this document

Technical

- Installation and configuration of custom or third-party applications and operating systems on deployed virtual machines.
- Operating system administration including the operating system itself or any operating system features or components.
- Change management of virtual machines, operating systems, or custom or third-party applications and databases.
- Administration of general network changes within client control.
- Remediation work associated with any problems resulting from the content, completeness, accuracy, and consistency of any data, materials, or information supplied by the Client.
- Installation or configuration of VMware products not included in the scope of this document.
- Installation and configuration of third-party software or other technical services that are not applicable to VMware components.
- Installation and configuration of Client-signed certificates.
- Configuration of VMware products used for the service other than those implemented for the mutually agreed use cases.
- Client solution training other than the defined knowledge transfer session.
- Documentation and deliverables not in the English language.
- Any installation of software.

- Any configuration of software.
- Development of additional functionality and support.

Base products

- vRealize Automation 8.x
 - Installation and configuration (design and deploy).
 - More than one environment.
- vRealize Orchestrator 8.x
 - Installation and configuration (design and deploy).
 - More than one environment.

Estimated Schedule

This is a fixed-fee service over a duration of thirty (30) days after project kick-off. VMware Professional Services will perform work during normal VMware business hours and workdays (weekdays and non-holidays).

Project activities

Phase 1: Initiate

VMware hosts a project initiation call with key client stakeholders. Topics to be discussed include:

- Project business drivers, scope, and objectives
- Project deadlines, timelines, scheduling, and logistics
- Identification of key Client team members who VMware will work with to accomplish the tasks defined in this datasheet
- Client technology prerequisites necessary for successfully completing the project, including a review of the Service Checklist for the VMware solution

This phase produces the following deliverables:

- Project initiation meeting
- Prerequisites checklist

Phase 2: Plan

VMware leads a project kickoff meeting with the client to assess prerequisite completion readiness, review the VMware standard architecture, and confirm project milestone dates. The meeting objectives are as follows:

- Describe the project goals, phases, and key dates
- Review of the technical prerequisite completion readiness
- Explain the expected project results and deliverables

This phase produces the following deliverables:

- Project kickoff meeting
- VMware standard architecture
- Integration and Extensibility kickoff presentation

Phase 3: Execute

VMware deploys the VMware standard architecture and validates the technology components. Detailed steps include:

- Provide ready-to-run component
- Provide quality engineering and testing
- Provide documentation
- Conducts technical knowledge transfer sessions for administrators and operators

This phase produces the following deliverables:

- Release package
- Documentation pack
- Knowledge transfer presentation

Phase 4: Close

VMware conducts a closure meeting with the client covering project status, reviewing completions, next steps, and how to engage VMware Support.

This phase produces the following deliverables:

- Project closure meeting
- Transition to customer

Appendix

The following checklists detail the various requirements and prerequisites that need to be in place for the successful project start and delivery.

Service engagement prerequisites:

- Physical hardware, including servers, storage, and networking, is procured, installed, and confirmed to be operational prior to the project start.
- vRealize Automation is installed and accessible.
- vRealize Orchestrator is installed and accessible.
- Network connectivity exist between vRealize Automation and any system required for integration.
- Supported remote access protocols are configured (like iDRAC, ILO, and so on).

Stakeholders:

- Cloud Team Lead/Architects
- Enterprise Architect
- Infrastructure Architect
- Network Architect Team Leads

Technical prerequisites:

- vRealize Automation Version 8.x
- vRealize Orchestrator Version 8.x
- Number of 10 Gb Ethernet Physical NICs required

Number of IP subnets required

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Non-functional requirements:

- Performance requirements
- Credentials management
- Firewall requirements
- Special security requirements
- Special documentation requirements

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