

VMware Aria Automation Integration 8.x—Standard Service

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At a glance

The VMware Aria Automation Integration Standard Service builds on top of existing or new VMware Aria Automation deployments to provide extended functionality that is optimized, scalable, and rapidly deliverable 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 VMware Aria Automation.
- Provides a tailored solution to meet Client requirements with ready-to-run extensibility software.
- Increases business resiliency.

SKU

PS-vRA-COMP-PLUG

Service overview

The VMware Aria Automation™ Integration Standard Service leverages Build Tools for VMware Aria™ which is a proprietary extensibility framework that allows for rapid delivery of cloud management integrations and increase in 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 VMware Aria Automation Integration Standard Service project includes the following high-level activities:

- Project Management
- Development
- Documentation
- Release

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

- VMware Aria Automation
- VMware Aria Automation 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 VMware Aria Automation Assembler™ 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 VMware Aria Automation cloud template, a computer object for the provisioned machine is created in a specified Active Directory organization unit (OU). The user can destroy a machine through VMware Aria Automation which deletes the corresponding virtual machine object 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 VMware Aria 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

- VMware Aria Automation 8.x
 - Installation and configuration (design and deploy).
 - More than one environment.
- VMware Aria Automation 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 two (2) weeks after project kick-off. VMware Professional Services will perform work during normal VMware business hours and workdays (weekdays and non-holidays).

Project activities

This is a fixed-fee service over a duration of two (2) weeks after project kick-off.

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

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This service must be delivered and accepted within the first 12 months of purchase, or the service will be forfeited. Pricing for this service excludes travel and other expenses. For detailed pricing, contact your local VMware representative.

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.
- VMware Aria Automation is installed and accessible.
- VMware Aria Automation Orchestrator is installed and accessible.
- Network connectivity exist between VMware Aria 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:

- VMware Aria Automation Version 8.x
- VMware Aria Automation Orchestrator Version 8.x
- 10 Gb Ethernet Virtual/Physical NICs required for backups
- IP subnets required for DNS and IPAM integrations

Non-functional requirements:

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