



VMware Aria Operations

Predictive and Proactive Operations

At a Glance

Predictive and proactive operations—a simple, yet powerful strategy for automating and simplifying operations management—incorporate AI and predictive analytics to help IT teams be more proactive and agile.

KEY BENEFITS

- Reduce unplanned downtime
- Lower costs
- Increase operational efficiency
- Deliver faster time to value
- Reduce risk
- Is available as a software-as-a-service (SaaS) or an on-premises offering

KEY FEATURES

- Predictive analytics for continuous operations management
- Intent-driven placement and balancing
- Real-time, predictive capacity and cost analytics to proactively forecast demand and deliver actionable recommendations
- Cost transparency across private, hybrid and public clouds to optimize planning
- Integration with VMware Aria Operations for Networks and VMware Aria Operations for Logs for 360-degree troubleshooting¹
- Support for physical, virtual and cloud infrastructure and container platforms
- Centralized management for the VMware SDDC and VMware Cloud™ on AWS
- Complete VMware vSAN™/HCI operations
- VMware SDDC and VMware Cloud on AWS configuration and regulatory compliance
- Unified monitoring and visibility across AWS, Google Cloud Platform and Microsoft Azure
- Open and extensible platform

Overview

VMware Aria Operations™ delivers predictive and proactive IT operations management for private, hybrid and multi-cloud environments in a unified, AI-powered platform. Offering full-stack visibility from physical, virtual and cloud infrastructure—including virtual machines (VMs) and containers—to the applications they support, VMware Aria Operations provides continuous performance optimization, efficient capacity and cost planning and management, app-aware intelligent remediation, and integrated compliance. VMware Aria Operations is available as an on-premises or SaaS offering.

Capabilities

Continuous performance optimization

Assure hybrid cloud performance at minimal cost. Based on operational and business intent, real-time predictive analytics, and AI drive actions to automatically balance workloads and proactively avoid contention, continuously optimizing hyperconverged infrastructure (HCI), software-defined data center (SDDC) and hybrid cloud environments. Automate workload balancing and placement to VMware Cloud Foundation™ or VMware Cloud on AWS.

Efficient capacity and cost management

Reduce cost and improve efficiency with real-time, predictive capacity and cost analytics with AI, delivering optimal consolidation and proactive planning. Using a real-time, forward-looking capacity analytics engine, VMware Aria Operations can predict future demand, get actionable recommendations, and automate reclamation and rightsizing. Integrate costs and capacity analytics to optimize utilization of VMware Cloud Foundation and VMware Cloud on AWS. Advanced what-if scenarios help plan capacity and model best-fit for new workloads, hardware procurement, HCI planning, cost comparison across data centers and migration planning to public clouds.

Intelligent remediation

Predict, prevent, and troubleshoot faster with actionable insights correlating metrics, events, logs and configuration data to deliver AI-based anomaly detection across hybrid clouds. Extend monitoring visibility to multiple public clouds as well as physical compute and storage. Centralize IT operations management with native integrations with VMware Cloud Foundation; VMware vSphere® 7 with VMware Tanzu™; VMware Cloud on AWS; and multiple public clouds, such as AWS, Azure, and Google Cloud Platform.

Integrated compliance

Reduce risk and enforce IT regulatory standards for VMware Cloud Foundation and VMware Cloud on AWS with integrated compliance and automated drift remediation. Ensure your environment's adherence to common requirements with six out-of-the-box compliance templates—such as for PCI or HIPAA—or create your own custom templates.

1. Sold separately as standalone and included in VMware vCloud Suite® and VMware Aria Suite.

Features

For a detailed list of features, see: [VMware Aria Operations Features & Packaging](#)

Purchase Options

VMware Aria Operations is available as part of VMware Aria Suite and can also be purchased standalone. Choose the edition of either VMware Aria Suite or VMware Aria Operations that meets your needs.

Deployment options

VMware Aria Operations is available as a standalone VMware Cloud service and as a part of VMware Aria Hub Universal to provide organizations with operational agility and faster time to innovation. With SaaS, you only pay for what is used as on-demand or one-to five-year commitments.

INITIATIVE	WHY	SAAS SOLUTION VALUE
Operational agility	Limited IT staff is available to support the entire company or a division	Shifting maintenance and upgrades to the cloud provider frees IT staff to focus on strategic priorities that support the business's goals
Digital transformation	Organization wants to deliver quality service to customers, more responsively	More flexibility, infinite capacity and rapid scalability to respond faster to changing business needs and customer demands
Mergers and acquisitions	IT environment and staff consolidation increase this growth strategy for success	Federation across multiple different environments and a single console eases onboarding and management of many disparate data centers
Innovation and product delivery	Competitive pressures require new business growth	Accelerates R&D innovation and reduces product delivery time to market

Support

VMware offers global subscription and support (SnS) services to all VMware customers. For customers requiring additional services, VMware also offers professional services engagements for best practices and getting started with your deployment, both directly and through an extensive network of certified professionals. For more information, visit vmware.com/services.

Learn more

For more information or to purchase VMware products, call 877-4-VMWARE (outside North America, +1-650-427-5000), visit vmware.com/products or search online for an authorized reseller.

For detailed product specifications and system requirements, refer to the VMware Aria Operations documentation at <https://docs.vmware.com/en/VMware-Aria-Operations/index.html>.