Accelerate Delivery Automation

VMware Capabilities At a Glance

Accelerate service delivery with a modern infrastructure automation platform providing a self-service consumption experience across a multi-cloud environment. Provide DevOps for infrastructure that supports Infrastructure as Code, GitOps, and infrastructure pipelining capabilities. Enable Kubernetes automation and management through a central control plane. Enable event-driven automation to deliver full service, closed-loop IT system compliance enforcement and vulnerability remediation.

VMware Aria Solution

• VMware Aria Automation

Succeeding in digital business has gotten more difficult over the last decade. Not only are competitors more aggressive and margins tighter, but customers and employees have higher expectations and partners greater demands. As organizations continue to adapt and accelerate service delivery, VMware Aria cloud management solutions simplify and speed IT access to the infrastructure and services enterprise application and development teams need, when they need them, without increasing business risk.

Inconsistent processes and complexity challenge organizations

Applications are the lifeblood of business. Like hospital surgeons, developers are anxious to solve people's problems quickly and safely. Yet their efforts have been frustrated by wait times to get started, inconsistent manual processes that create complexity, and dependencies they don't know about in advance. Just over 50 percent is the average proportion of net-new software/app efforts that make it to production, according to surveyed IT and line-of-business leaders.[1]

There are a host of reasons for the shortfall, from new cloud silos to different delivery models. As organizations accelerate multi-cloud strategies, new issues are arising due to inconsistent infrastructure and operations for managing clouds, virtual machines (VMs), containers, microservices, Kubernetes distributions, and more that prevent teams from being able to:

• Effectively compete in changing and more competitive marketplaces.

• Efficiently meet customer/employee requirements and partner demands.

• Achieve business expansion goals (e.g., geographic, industries, etc).

For cloud infrastructure and DevOps teams, complexities in discovering, consuming, and delivering services stemming from limited cloud infrastructure automation capabilities is hindering productivity and agility—and that negatively impacts time to value. In contrast, those with comprehensive and modern infrastructure automation are experiencing faster deployment times for end-user environments.[2]

---

1. VMware. "Successful Digital Transformation: Apps at the Ready," May 2020.

2. Forrester. "The Total Economic Impact™ of VMware vRealize Automation," July 2019.

vmware®

Experience It Today

- Request a trial

- Try a Hands-on Lab:
  VMware Aria Automation

Resources

Review our other briefs:

- Unify Operations and Improve Performance

- Simplify Cloud Cost and Capacity Management
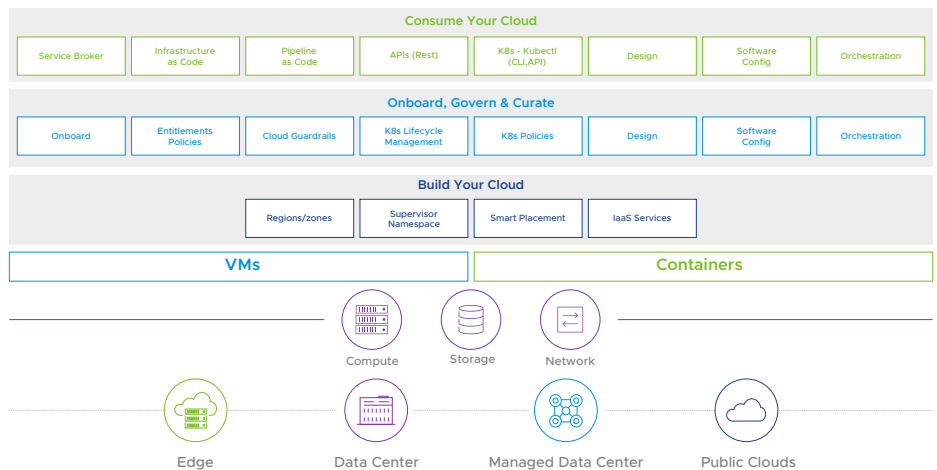
- Secure Configurations and Streamline Compliance

Get specifics about our VMware Aria Automation technical documentation

See where VMware Aria cloud management services are hosted globally

Speed delivery with a cloud operating model powered by self-service automation

Successful cloud strategies are expressed by a cloud operating model and powered by self-service automation. VMware Aria solutions with self-service automation capabilities—spanning automated consumption and delivery of multi-cloud infrastructure resources to delivering a modern DevOps-enabled infrastructure automation platform—inform the cloud operating model for IT, cloud, and DevOps teams. They drive modernization and multi-cloud transformation initiatives at speed and scale for business advantage at lower risk and cost.

Organizations can automate multi-cloud infrastructure consumption and delivery for greater agility and enhanced business value with VMware Aria. They can unlock modern DevOps-enabled capabilities with a common multi-cloud infrastructure consumption layer that speeds up the delivery of infrastructure and services—both cloud-native and traditional—which are key to driving increased profitability, top-line revenue, and enhanced operational agility.

Consume Your Cloud

Service Broker	Infrastructure as Code	Pipeline as Code	APIs (Rest)	K8s - Kubectl (CLI,API)	Design	Software Config	Orchestration

Onboard, Govern & Curate

Onboard	Entitlements Policies	Cloud Guardrails	K8s Lifecycle Management	K8s Policies	Design	Software Config	Orchestration

Build Your Cloud

Regions/zones	Supervisor Namespace	Smart Placement	IaaS Services

VMs	Containers

Compute   Storage   Network

Edge   Data Center   Managed Data Center   Public Clouds

Learn More About Our Products

- Watch VMware Cloud Management on YouTube
- Read our latest VMware Cloud Management blogs
- Follow us on Twitter @VMwareAria @VMwareAriaAuto

Licensing

Get started with one flexible license: VMware Aria Universal Suite

Modern, multi-cloud infrastructure with DevOps-enabled delivery automation

VMware Aria solutions feature modern infrastructure automation for organizations looking to empower technical employees like developers, DevOps engineers, and cloud admins, save IT time, and reduce downtime caused by errors.

3 Ways VMware Aria Accelerates Delivery Automation

①

Self-service multi-cloud infrastructure automation

②

Powerful IT automation

③

Modern DevOps for infrastructure and Kubernetes automation

① Self-service multi-cloud infrastructure automation

Organizations can automate consumption and delivery of infrastructure resources and services across on-premises and multiple public cloud environments with VMware Aria solutions. Teams can choose from a unified and consistent self-service catalog with content aggregated from multiple resources, platforms, and native public clouds to rapidly provision resources via VMware Cloud Templates, orchestration workflows, infrastructure and app pipelines, and action-based extensibility (ABX) actions.

② Powerful IT automation

VMware Aria provides a modern infrastructure platform that empowers Platform Ops and DevOps organizations with agility and speed while automating time-consuming, costly, and manual infrastructure management tasks. For example, policy-based runbooks feature automated alerts when conditions deviate from desired states and support automated actions executing changes in environments. VMware Aria delivers a powerful, event-driven automation engine to detect and auto-remediate critical issues before they impact the business. Teams can better manage patches, orchestrate system maintenance, and enable full-scale remote execution to maintain critical business system performance and efficiency. Organizations get out-of-the-box software configuration of data center and multi-cloud technologies with VMware Aria solutions. A broad set of application-aware content prevents dependency on third-party integrations.

vmware®

Why VMware Aria?

- **Proven solution** from a trusted vendor and market leader

- **Multi-cloud visibility** across private, hybrid, and public clouds

- **Comprehensive capabilities** from a single platform with a common control plane and data model

- **Ultimate flexibility** to choose SaaS, on premises, or a combination of both in one license

- **Broadest ecosystem** that is extensible with 220+ integrations

- **Leading in IT sustainability**, helping customers reduce environmental impact

③ **Modern DevOps for infrastructure and Kubernetes automation**

To streamline infrastructure resource consumption and delivery using DevOps principles, organizations prefer VMware Aria delivery automation. It empowers developers, site reliability engineers (SREs), and DevOps engineers with Infrastructure as Code capabilities in VMware Cloud Templates as well as provides Git-based infrastructure pipelining and iterative development capabilities. VMware delivery automation also enables automated self-service delivery and consumption of Kubernetes (K8s) infrastructure, leveraging Infrastructure as Code, and pipelining.

Learn more about optimizing delivery automation

Multi-cloud organizations are choosing VMware Aria to innovate faster with great agility by providing automated and self-service access to infrastructure, apps, and services for developers. VMware Aria delivery automation capabilities are powered by VMware Aria Automation.

In addition to accelerated delivery automation, VMware cloud management solutions empower organizations to optimize performance, secure configurations to manage risk and streamline compliance, and simplify cloud cost and capacity management.

Learn more at www.vmware.com/go/aria.