

Professional Services for VMware vRealize Cloud Management

Automate and optimize operations to accelerate service delivery and improve operational efficiency

AT A GLANCE

Leverage our experts to help you design, deploy, and integrate cloud management solutions enabling you to rapidly automate, operate, and manage your data center and multi-cloud environments.

KEY BENEFITS

- Increase agility and accelerate service delivery with self-service automation to reduce provisioning times and improve staff productivity
- Gain IT efficiency by enabling rapid operations and management at scale across on-premises and public cloud environments
- Reduce costs of reskilling and eliminate silos by leveraging familiar tools, policies, and processes
- Improve visibility and security of network infrastructure within and between cloud environments
- Deliver a DevOps ready automation platform to enable continuous integration and deployment to accelerate developer productivity.

Business challenge

Operating an IT environment has never been more complex. Every new technology includes its own set of tools, policies, and manual processes that need to be managed by teams with specialized skills. These same teams are also dealing with diverse application portfolios that can be difficult to manage, operate, and secure across all environments.

You need a solution that builds on existing capabilities and automates routine, repetitive tasks consistently across private, multi-cloud, and edge environments. You also need to streamline operations, optimize performance, and drive efficient capacity and cost management. Managing complexity, automating IT, mitigating risks, and optimizing operations become critically important in helping you reduce costs, improve operational efficiency, increase agility, and drive innovation.

To successfully realize these benefits, you need the right cloud management solution and a partner with the right expertise to help you rapidly deploy and adopt the solution, setting you up for success.

Service overview

VMware Professional Services can help your organization accelerate adoption to cloud and deliver the most efficient path to a consistent hybrid and multi-cloud management experience. We leverage our team's deep knowledge and expertise in VMware vRealize® Cloud Management™ automation and operations tools, including VMware vRealize® Automation™, VMware vRealize® Operations™, VMware vRealize® Log Insight™, and VMware vRealize® Network Insight™ on-premises and cloud versions. We will work closely with you to ensure that you get the most out of your cloud management investment by leveraging our design, deployment, integration, and operationalization services.

AUTOMATION

Automate Service Delivery

Automation makes it possible to execute tasks consistently and predictably in a way that is often not feasible using manual IT tasks and processes. vRealize Automation and VMware vRealize® Automation Cloud™ enable consistent provisioning and orchestration of infrastructure and applications through UI, API, and infrastructure as code, reducing costs and increasing agility. Our VMware experts can implement vRealize Automation capabilities within your data center. We begin with a series of workshops to identify the requirements and the solution prerequisites, develop an architectural design to meet your requirements and use cases, and validate the designed solution before deployment. Next our team will deploy, configure, and verify that the solution works as expected. After deployment, our experts create

multi-machine cloud templates, build a service catalog for your users, develop custom forms to personalize the catalog items, and automate any additional manual tasks and workflows. Our knowledge transfer sessions will guide your team and show them how to use these features and capabilities, helping maximize the value of your VMware technology investments.

Create Infrastructure as Code

As the industry embraces DevOps practices for infrastructure use cases, our vRealize Automation Code Stream Services can help you automate application and infrastructure delivery by creating infrastructure as code pipelines that model the software release process in your DevOps lifecycle. We can also design and deploy VMware vRealize® Automation SaltStack® Config and VMware vRealize Automation® SaltStack® SecOps, an event-driven IT automation for remote task execution and configuration management, as well as a compliance and vulnerability management solution for security and operations in your environment.

Integrations

We can integrate VMware vRealize Automation into your existing VMware NSX™ deployment to automate your network management capabilities, including micro-segmentation, network segmentation, load balancer, and firewall management, thus reducing network and security provisioning times and enabling you to maximize network efficiency. Our VMware specialists can also integrate vRealize Operations with vRealize Automation to collect metrics and deploy dashboards and alerts to monitor automated workloads and manage their costs.

Cloud templates can be expanded to deploy and integrate with third party solutions, including databases, configuration management, CI/CD, Active Directory, ITSM, CMDB, DNS, IPAM, back-up and storage, desktop provisioning, monitoring, and ticketing in your on-premises and multi-cloud environments.

OPERATIONS

Optimize IT Operations and Management

With the increasing diversity and complexity of growing application portfolios, streamlining operational and management capabilities is critical to reducing downtime, improving efficiency, and monitoring and optimizing your environments. Deploying a vRealize Operations on-premises solution starts with gathering your requirements through a series of workshops. Based on your current and desired future states, our specialists will recommend an architectural design, deploy, and test it,

To help ensure successful adoption for vRealize Operations and vRealize Operations Cloud, we configure tailored use cases based upon your requirements, including continuous performance optimization, efficient capacity and cost management, intelligent remediation, and integrated compliance. In addition, we create and configure resource policies, dashboards, recommendations, and alerts in vRealize Operations. Our knowledge transfer sessions will show you how to use these capabilities so that you can continue applying these techniques across your data center, hybrid cloud and multi-cloud environments post-deployment.

Integrations

Our experts can help you integrate vRealize Operations with other VMware products, including vRealize Automation, full stack SDDC monitoring and public cloud native monitoring. We can integrate VMware HCX infrastructure hybridity monitoring, enabling secure application mobility and infrastructure hybridity. For advanced event driven alerting and troubleshooting, we can integrate vRealize Operations and vRealize Log Insight in your on-premises and VMware Cloud™ environments.

LEARN MORE

Visit vmware.com/services.

NETWORK VISIBILITY

Improve End-to-End Network Visibility

VMware vRealize® Network Insight™ and vRealize Network Insight Cloud™ are used to build and optimize a highly available and secure network infrastructure, unlocking visibility and analytics within and between clouds. Our specialists can provide network-wide modeling and planning to enable network assurance and verification in your environment. We configure network and visibility, map application connectivity, optimize network performance, plan micro- and network segmentation deployment, confirm compliance, recommend security policies, and confirm NSX deployments health and availability. Our team will provide knowledge transfer sessions at the end of every engagement and share best practices.

Data Flow Analytics for Application Discovery and Migration

Our experts can provide detailed data flows analysis between your multi-tiered application components and network service dependencies to assist with simplifying application migrations. We analyze data flows into and out of applications and application groups as part of your migration or disaster recovery planning initiatives for your multi-cloud deployments, such as VMware Cloud™ on AWS, Azure VMware™ Solution and Google Cloud VMware™ Engine.

Integrations

Our team can help you onboard faster using vRealize Network Insight to obtain network visibility into your Kubernetes and SD-WAN environments by analyzing any connectivity issues. We can integrate vRealize Network Insight with a CI/CD lifecycle solution to enable day-1 and day-2 capabilities and ongoing state management.

LOG DATA VISIBILITY

Operational Log Visibility and Analytics

VMware vRealize® Log Insight™ on-premises and VMware vRealize® Log Insight Cloud™ enable you to manage massive amounts of data to gain operational visibility and rapid troubleshooting across physical, virtual, and cloud environments. To deploy vRealize Log Insight into your environment, we begin with workshops to gather the requirements and recommend an architectural design. Next, our experts configure and implement key use cases, including proactive alerting and monitoring, root cause analysis, security and compliance event analysis, and streamline environmental auditing. We share best practices and conduct knowledge transfer to ensure you and your team understand the technology and how to utilize it effectively.

Benefits

VMware Professional Services has the experience, best practices, and proven methodologies to support you on your cloud journey. Our broad expertise and deep knowledge of vRealize Cloud Management Solution can help your organization achieve its business and IT outcomes, increasing agility to accelerate service delivery, reducing provisioning times and improving productivity. With consistent operations, our solution can help you eliminate silos, allowing you to operate your private, hybrid, and multi-cloud environments with consistent tools, processes, policies, and teams. You also gain IT efficiency by enabling rapid operations and management at scale. At the end of every engagement, our knowledge transfer sessions will show your team how to use the solution so that they can continue applying best practices and techniques across your environments. Our experts work as an extension of your team, helping your organization get value from its VMware investments quickly.

