VMware Cloud Foundation Operations

At a Glance

- Optimize infrastructure management and operations

- Visibility of cost and capacity

- Improve application performance

- Expand next-generation app deployments

- Improve security and resilience with hardening guidelines

- Reduce risk with integrated compliance for industry regulations

- Strengthen service quality with centralized log management and analytics

- Proactively troubleshoot to identify and remediate potential issues

Overview

VMware Cloud Foundation helps organizations modernize their infrastructure with the best possible total cost of ownership (TCO), enabling a cloud operating model that provides the benefit of public cloud with the security and performance of private clouds. VMware Cloud Foundation Operations is now available to customers exclusively through VMware Cloud Foundation or VMware vSphere Foundation as a key component of each platform.

Organizations are moving to hybrid environments to gain the best capabilities, scale with business growth, and reduce risk. To help IT teams optimize these complex environments, VMware Cloud Foundation Operations offers AI-powered unified infrastructure visibility, centralized log management, and simplified diagnostics. It also provides best-in-class security, intelligent remediation, and integrated compliance. In short, it's a powerful tool that helps IT be more proactive, agile, and cost-efficient.

Capabilities

VMware Cloud Foundation Operations streamlines critical IT operations, logging, and diagnostics capabilities while delivering deep analytics that streamline IT processes.

Streamline IT operations

VMware Cloud Foundation Operations enables better ability to build, manage, and operate applications and infrastructure from the cloud to the edge securely and with ease. Empower teams to plan, optimize, and scale private cloud environments with workload balancing and placement, hardened security, and integrated compliance. Use AI-powered predictive analytics to improve operational performance, workload and app management, capacity and cost management, and service planning.

Centralized logging data and rapid troubleshooting

IT teams often struggle to sift through logs to find and fix issues, hampering their effectiveness. VMware Cloud Foundation Operations enhances diagnostic processes and reduces risks with centralized, machine learning-enhanced logging data. Gain fast insights with dashboards that help identify anomalies

across infrastructure and applications. Leverage intelligent analytics to improve troubleshooting, increasing environment stability.

Proactively Resolving IT Problems

VMware Cloud Foundation Operations provides continuous insights to enhance operational performance and stability. It collects, aggregates, and analyzes infrastructure, proactively identifying emerging issues and recommending fixes. By doing so, VMware Cloud Foundation Operations reduces the time to resolve support requests and meet demanding service level agreements.

Key Use Cases

See how VMware Cloud Foundation Operations helps transform operations.

Infrastructure cost optimization	Use improved visibility into infrastructure health and on-premises costs to enable better decisions.
Capacity management	Leverage the forward-looking analytics engine to predict demand and proactively manage capacity to avoid unnecessary infrastructure purchases.
Redundant software identification	Get the information needed to identify rarely used, redundant software that can be decommissioned.
Increased efficiency	Use unified visibility, automation, and templates to reduce time spent on performance optimization, understanding application dependencies, improving security, and maintaining compliance.
Faster diagnosis and issue resolution	Speed troubleshooting and root cause analysis with intelligent remediation, ensuring a more stable environment.

Why VMware Cloud Foundation Operations?

Today's cloud environments are too complex to manage without modern tools. IT teams need to maximize their productivity and efficiency every day. With the visibility, automated processes, centralized logging data and proactive support provided by VMware Cloud Foundation Operations, teams can manage fast-growing infrastructure environments with clarity and control, making a more significant impact.

Get started today at https://www.vmware.com/products/cloud-infrastructure/cloud-foundation-operations.

"With more proactive infrastructure management, we've been able to reduce issues by 10% to 15%, time-to-issue-resolution by 20% to 30%, and overall operational workload by 35% to 40%. Managing our virtual and physical environments has become more effective and smoother."[1]

Senior IT infrastructure analyst
South American education company

Performance and cost savings[2]

• 20% reduction in issue resolution time

• 5X decrease in relative downtime

• 100% reduction in last-minute hardware costs

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[1] VMware. The Total Economic Impact™ of VMware Cloud Foundation Operations, Based on a Forrester Research, Inc. study commissioned by VMware. 2024.

[2] Ibid.