Simplifying Workload Migrations to the Cloud

Quest Foglight for Virtualization: Plan effective workload migrations to VMware Cloud on AWS

Workload Migration Challenges

Efficient and cost-effective workload migrations to the cloud requires careful planning and analysis, and if you start your project with guess work, you are only going to make it harder. This is especially important when migrating virtual machine workloads to the cloud. You need to carefully plan and ask the right questions to ensure that you are getting the application performance you require at the best possible price. The virtual machine workloads being moved to the cloud typically represent a complex environment supporting mission critical applications, so this can be risky without the right tool.

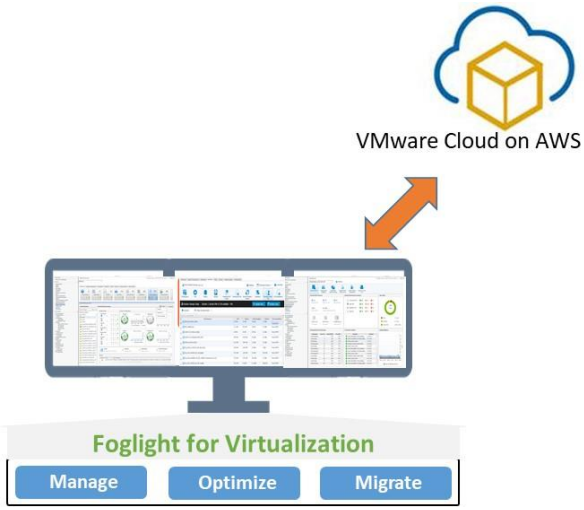
Quest Foglight for Virtualization Overview

Foglight for Virtualization provides complete visibility across the hybrid datacenter, including VMware Cloud on AWS. It goes far beyond simple monitoring and utilizes your workload monitoring data to enable industry leading migration analytics that quantify risk, optimize workload placements and expose future costs in comparison with current datacenter costs. Foglight for Virtualization significantly simplifies the steps and time required to model and justify a cloud migration to VMware Cloud on AWS. Post migration, it continues to support your hybrid datacenter.

When used within your hybrid datacenter, Foglight for Virtualization has the ability to quickly identify performance bottlenecks, track cloud billing data, decommission wasted resources consuming budget unnecessarily, all driven by automation that can also resolve capacity requirements before they impact the business and further expand IT budgets. Foglight for Virtualization leverages real-time and historical data that enables 'what-if' capacity analytics, virtual machine cost management based on consumed and allocated compute resources, and performance analytics that pinpoint contention.

Together, Quest Foglight for Virtualization and VMware Cloud on AWS enable IT organizations to deploy a best-of-breed hybrid datacenter and leverage the power, flexibility and cost efficiency of the cloud to support the digital transformation initiatives driving business environments today.

Foglight for Virtualization makes migrating critical business workloads to the cloud quick, simple and cost efficient.



QUEST FOGLIGHT FOR VIRTUALIZATION HIGHLIGHTS

Hybrid cloud ready
Supports VMware vCenter and VMware Cloud on AWS virtual machine monitoring,

On-premises & cloud costs
Enables custom compute and storage price plans to be associated to all virtual machines. Taking the guess work out in the process of pinpointing the costliest workloads

Cloud migration analytics
Complete cloud migration modeling in only 5 clicks. Analytics automatically place VMs in the most fitting destination offer based on both performance and cost.

Global dashboard
See your on-premises vCenter and VMware Cloud on AWS vCenter in a single platform with identical dashboards. No learning curve, no second product, and no integration required.

Consistent licensing
Licenses can be utilized across on-premises and VMware Cloud on AWS without change.

Forensic depths
Store data forever and at the detail level you select. Enabling granular retrospective analysis and troubleshooting for any time range.

LEARN MORE

To learn more about Quest Foglight for Virtualization, visit https://www.quest.com/products/foglight-for virtualization-enterprise-edition/

VMware Cloud on AWS Migration Planning with Foglight for Virtualization

Foglight for Virtualization helps IT staff plan effective workload migrations to VMware Cloud on AWS while reducing risk and maximizing budgets.

Migrating workloads to the VMware Cloud on AWS is a multi-part effort that without a purpose-built planning tool, results in spreadsheet driven analysis that utilizes inaccurate data and results in costly budget blowouts and dissatisfied end users. To avoid this, Foglight for Virtualization implements reliable and repeatable analytics to help remove the risk, guess work and unknowns from your cloud migration. A cloud migration is typically made up of six steps; identification, discovery, placement selection, analysis, test and commission. Foglight for Virtualization has been designed to reduce the time to complete a cloud migration analysis from weeks to minutes.

Application Identification: Selecting applications and the supporting virtual infrastructure to migrate is often business specific, but one commonality in all migrations is the demand for elastic workloads. Selecting the workloads to move is the first step and is outside of the control of software.

Discover VM/Application Dependencies: Foglight for Virtualization helps uncover all of the dependencies of the virtual machine environment. This involves answering key questions like: What is the connectivity of the VMs? What are the communications between a VM and all other parts of the infrastructure? Are there variations in communications throughout the workday?

Select IaaS Offerings: Foglight for Virtualization assists in reviewing the different infrastructure charges and offerings that are available in VMware Cloud on AWS to see which ones are best suited to your needs.

Analyze Costs and Risks: Foglight for Virtualization helps you understand and analyze the costs and risks. It provides the data collection, analysis and what-if modeling to help simplify workload migration planning and ensure a successful migration.

Testing: Foglight for Virtualization seamlessly spans your on-premises and VMware Cloud on AWS virtual centers, providing identical views of both datasets. A consistent view removes any additional learning curve and makes it incredibly simple to compare performance testing results between on-premises and VMware Cloud on AWS

Commission: After completing testing and once workloads have been commissioned, Foglight for Virtualization is able to assign purpose-built compute and storage price plans to all virtual machines, both on-premises and those migrated to VMware Cloud on AWS. By associating VMs to price plans, your business is able to instantly see the most expensive VMs, and easily chargeback to users for the compute consumed in your hybrid environment.

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