



- Understand how the virtual environment impacts the application
- Quickly determine the root cause of a problem or incident
- Track the movement of virtual machines and understand their impact
- Contain alarm storms from virtual machines and physical servers
- Identify contention for resources between virtual machines

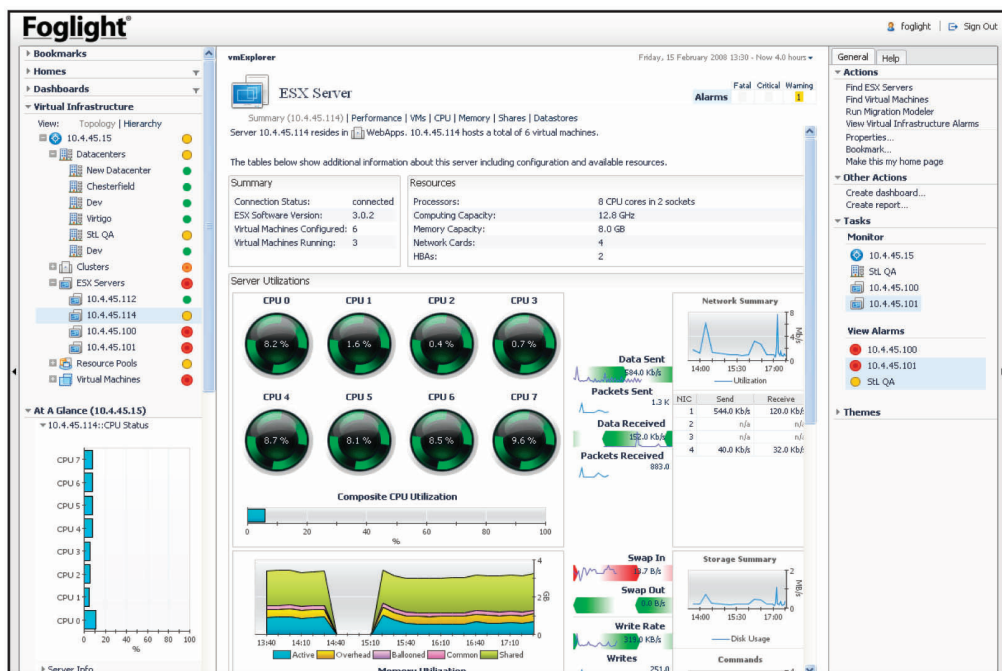
Foglight®

VMware Management

Virtualization offers a wealth of potential benefits, including business continuity and disaster recovery, flexibility and agility, server consolidation, reduced downtime, reduced administration costs, and improved service level management. However, the inability to simultaneously understand the virtual environment and the applications that leverage it can diminish each of these benefits.

Many of the challenges organizations face in managing applications that leverage a virtual environment can be attributed to how virtualization technology leverages the core four resources: CPU, memory, disk and network. By being able to understand the impact of resource sharing, as well as gaining insight into the key components of the virtual environment, organizations can better understand the relationships and interactions between applications and the virtual environment. This ultimately can help them to determine the root cause of incidents more quickly, as well as achieve their application performance and service level objectives.

Foglight® is an application management solution that reduces or eliminates service disruptions to unify IT and the business. Unlike other solutions, it provides a correlated, 360-degree view of your applications from end user to database and from service levels to infrastructure. Foglight helps organizations understand the virtual infrastructure by managing the relationships and interaction between all the components in the virtual environment, including data centers, data stores, clusters, resource pools, ESX servers and virtual machines. With Foglight, you can correlate the events occurring in the virtual infrastructure with the entire application environment, helping you determine the root cause of incidents in the virtual environment and reduce mean time to resolution for incidents and problems.



Foglight helps organizations understand the virtual infrastructure by managing the relationships and interaction between all the components in the virtual environment.

System Requirements:

VMware Versions Required

- VI3
- VirtualCenter 2.x

Foglight Server Requirements

- Windows 2000 or Windows 2003
- Solaris 2.8
- 2 CPUs recommended
- 1 GB RAM
- 1.25 GB disk space for software installation
- 5 GB disk space for historical purposes (9 GB recommended)

Note: Some operating systems are not supported for all application servers. Please e-mail: info@quest.com for more information.

Capabilities

Role-based Views

Foglight brings clarity by providing a visualization—in a single view—of the multiple resources across the many layers of the environment (virtual machine, host, cluster, data center, etc.). Proactively understanding the entire virtual infrastructure reduces administration costs and minimizes risk. Foglight provides the views of the infrastructure according to your needs—from high-level representations of the infrastructure to detailed, architectural views.

Out-of-the Box Alerts with Expert Advice

Foglight accurately diagnoses the root cause of a problem and speeds the mean time to resolution through detailed alarms. The alarms inform you of the following tips and information: best practices, future predictions, deviations from normal activity, and specific operational problems.

Alarm Storm Containment

Foglight helps you gain a better understanding of the virtual infrastructure, which enables you to improve containment of alarm storms. It turns data into meaningful information, helping you to better understand the correlation between infrastructure, host and virtual machine issues.

Asset and Configuration Tracking

Foglight tracks the movement of virtual machines from one physical server to the next to help you understand what happened and why. For instance, tracking changes to the configuration and location of assets enables you to better assess the impact of those changes on the performance and availability of the dependent application and on other virtual machines in the same physical environment.

Workload Migration Modeling

When you consider moving a virtual machine image from one physical system to another, Foglight's modeling will assist you in determining whether the planned move will have an unfavorable impact on resources, applications, and end users before you make the change.

Service Level Management

Foglight can measure service levels for business-critical applications that leverage a virtual infrastructure. You can structure your services as KPIs, SLOs, or OLAs, depending on your organization's needs and determine SLA compliance through service windows, role of user investigating the service, performance and availability data, service desk metrics, and custom logic.

Resource Utilization Management

Foglight gathers performance and utilization data at several levels—infrastructure, host and virtual machine—and identifies contention issues. Over time, the historical trend information can be used to proactively plan for the future and prevent potential problems.

Reporting

Foglight provides a variety of reports that enable you to examine performance in real time, correct resource distribution imbalances, and analyze historical data to assess usage over time. You can also quickly create your own reports using Foglight's easy drag-and-drop interface and share any report either electronically or on paper. Foglight's out-of-the-box reporting offers an increased understanding of resource consumption on an individual virtual image, physical servers, or resource groups, as well as virtual asset tracking, resource allocation changes, and virtual infrastructure events.

About Quest Software, Inc.

Quest Software, Inc., a leading enterprise systems management vendor, delivers innovative products that help organizations get more performance and productivity from their applications, databases, Windows infrastructure and virtual environments. Through a deep expertise in IT operations and a continued focus on what works best, Quest helps more than 90,000 customers worldwide meet higher expectations for enterprise IT. Quest's Foglight® application management solution unifies IT services with end users and the business, resolves problems faster to reduce downtime, and lowers the operating cost of managing applications. Quest Software can be found in offices around the globe and at www.quest.com.



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