

# Foglight Container Management

Powerful container monitoring across your entire IT environment

Using containers to modernize application deployment is about to get a whole lot easier with Foglight Container Management. This powerful solution delivers real-time and historical analytics of containers and their hosts, across physical, virtual and cloud environments, giving you the container monitoring metrics needed to make the optimal choices when it comes to container deployment.

Many IT organizations aim to modernize and “cloud architect” application deployment and management through the use of containers. These standard units of software package up code and all its dependencies so applications can be quickly deployed, scaled and, if needed, reliably migrated from on-premises to a public cloud. For many teams, the onboarding, operation and support of containerizing applications can be a struggle.

Foglight Container Management makes using containers significantly easier by providing real-time and historical analytics of containers and their hosts, across physical, virtual and cloud environments. This container management tool identifies performance bottlenecks, failed containers and issues within the orchestration layer.

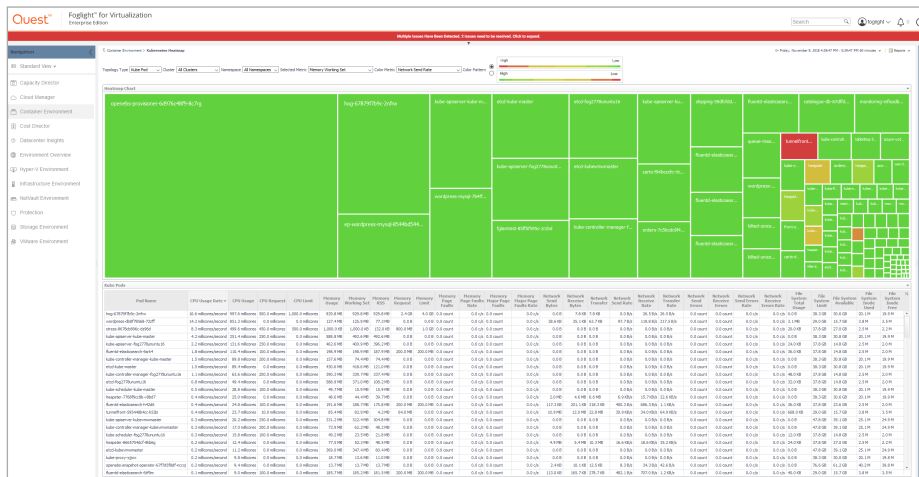
Foglight Container Management keeps container data in-context with the supporting infrastructure. This unique approach helps infrastructure teams assimilate container technology more easily by removing the guesswork and hours of troubleshooting normally associated with contention within a container compute and storage platform.

The cooperation and data sharing typically required for DevOps is often impacted by using disparate tools. Foglight Container Management provides a common toolset for infrastructure and application IT staff

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## BENEFITS:

- Simplify the use of containers to modernize application deployment
- Ensure optimal container performance through real-time and historical metrics on shared compute performance
- Maintain a common toolset for all stakeholders to see containers in-context with the infrastructure that supports them



Container heat maps provide a view into real-time and historical usage of resources, making it simple to eliminate resource hogs.

## SYSTEM REQUIREMENTS

### OPERATING SYSTEM

Windows Server (2003, 2008 R2, 2012, 2012R2, 2016)

Linux (Cent OS, RH Ent, Oracle, SUSE, Ubuntu)

### HARDWARE

Foglight Management Server

4 vCPUs

6 GB of memory

120 GB of disk storage

### SUPPORTED PLATFORMS

VMware: VirtualCenter (VCMS) 2.5.x, vCenter Server and vSphere up to version 6.x, vCloud 5.5 and View 5.0 and higher, VMware Cloud on AWS

Microsoft Hyper-V: Windows Server 2008 R2 and higher

Kubernetes: Version 1.7 to version 1.12

Docker Swarm: Docker Engine, CE, EE 17.03

Azure Cloud Instances VM (ARM)

AWS EC2 Instances

Cloud Kubernetes Service, including: Azure Kubernetes Service (AKS), Amazon Elastic Container Service for Kubernetes (EKS), Google Kubernetes Engine (GKE) and IBM Cloud Kubernetes Service

to see containers in-context with the infrastructure that supports them. With Foglight Container Management, you can ensure optimal container performance through real-time and historical metrics on shared compute performance.

## FEATURES

- **Kubernetes monitoring** — Collects inventory, infrastructure, OS, host, cluster, node, pod and orchestration data via a remote APIs. Also collects data from the underlying cloud IaaS or on-premises hypervisors.
- **Docker swarm monitoring** — Gathers data from all Docker components, clusters, hosts and containers, as well as the supporting physical, virtual or cloud infrastructure.
- **Dependency mapping** — Captures accurate performance metrics for both virtual machines and containers when used with Foglight for Virtualization. If the supporting infrastructure is impacting container performance, you can quickly jump to the supporting domain to isolate the issue.

- **Container heat map** — Provides a view into real-time and historical usage of resources (containers, clusters and hosts) and makes it simple to eliminate resource hogs.
- **Container scatterplot** — Allows you to pivot Docker hosts, clusters and containers across any collected metric by three different dimensions. One example would be: Find containers with high CPU, high memory and color code the containers with high egress network traffic.

## ABOUT QUEST

Quest provides software solutions for the rapidly-changing world of enterprise IT. We help simplify the challenges caused by data explosion, cloud expansion, hybrid datacenters, security threats and regulatory requirements. Our portfolio includes solutions for database management, data protection, unified endpoint management, identity and access management and Microsoft platform management.