

BROCADE NETWORK ADVISOR AND MICROSOFT SCOM SOLUTIONS



NETWORK MANAGEMENT

Delivering Server Administrators Visibility into SAN Infrastructure Health

HIGHLIGHTS

- Bridges operational gaps across Server, Network, and Storage administrators with end-to-end network visibility
- Empowers SCOM administrators with network bottleneck identification for faster problem resolution
- Enables visibility into the health of the SAN infrastructure and performance statistics
- Displays fabric details, switch details, performance statistics, and fault events as dynamic HTML pages in SCOM console
- Provides Call Home events for faster troubleshooting, diagnosis, and resolution by remote technical support

KEY MANAGEMENT CHALLENGES

Managing Service Level Agreements (SLAs) in today's dynamic network environment requires seamless coordination across a wide range of elements. Often, organizations end up working with numerous network management tools in order to provide uninterrupted services for virtual, physical, and cloud data center infrastructures. Meeting the challenges of a complex and dynamic data center environment requires an integrated management solution that provides end-to-end network visibility and a scalable, standards-based architecture that offers seamless integration with existing management platforms.

As a trusted Data Center infrastructure partner, Brocade® brings experience to organizations relying on Microsoft System Center Operations Manager (SCOM) for the management of their systems infrastructure. With Brocade Network Advisor, Brocade delivers a unified network management solution across Data, Storage, and Converged Networks, as well as seamless integration with Microsoft SCOM.

Brocade Network Advisor is industry's first and only unified network management solution for Data, Storage, Application, and Converged Networks. It supports Fibre Channel (FC) SANs, Fibre Channel over Ethernet (FCoE) Networks, IP Switching and Routing, Wireless, and Multiprotocol Label

Switching (MPLS) Networks — providing end-to-end network visibility and comprehensive lifecycle management capabilities across these different network types in a single application via a seamless and unified end-user experience.

With the seamless integration between Brocade Network Advisor and Microsoft SCOM via the Management Pack, Server administrators are better able to meet performance and availability requirements for Data Center applications and address issues before they impact the ability to meet Customer Service Level Agreements (SLA).

BROCADE NETWORK ADVISOR MANAGEMENT PACK FOR SCOM

Brocade Network Advisor uses open, standards-based interfaces to seamlessly integrate with Microsoft SCOM and to help bridge operational gaps across Server, Network, and Storage administrators.

Brocade Network Advisor populates Microsoft SCOM with fabric details, switch details, statistics, and Call Home events. This enables Server administrators to quickly identify whether the SAN is causing poor application performance or other issues by viewing appropriate statistics (see Figure 1). This improves coordination

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across administrative silos and dramatically improves Mean Time to Resolution (MTTR).

Launched directly within SCOM, the Management Pack also retrieves Call Home events from one or multiple Brocade Network Advisor Servers. This form of proactive notification enables Technical Support organizations to respond to incidents before they become service affecting.

Additionally, link details of important traffic flows (configured within the fabric as end-to-end monitors) are displayed and tracked by the Management Pack (see Figure 2). With this information, Brocade Network Advisor helps Microsoft Server administrators quickly identify network bottlenecks in the environment, including the ability to view performance statistics or CRC errors that could be causing poor application performance.

Benefits of the integrated solution include:

- Display of fabric inventory information collected by Brocade Network Advisor in the Microsoft SCOM console to provide Server administrators with network connectivity information for their physical/virtual servers
- Dynamic update of fabric inventory and end-to-end monitoring statistics
- Call Home events from Brocade Network Advisor proactively notify the Technical Support organization before issues become service affecting

The Brocade Network Advisor integration with Microsoft SCOM helps ensure that customers maintain SLAs and required performance for improved server and application availability.

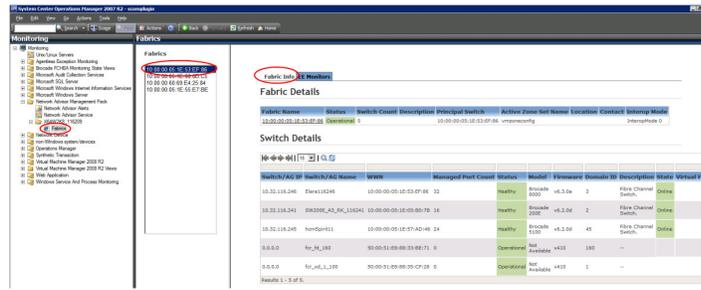


Figure 1. Provides SAN fabric and switch details to Microsoft SCOM.

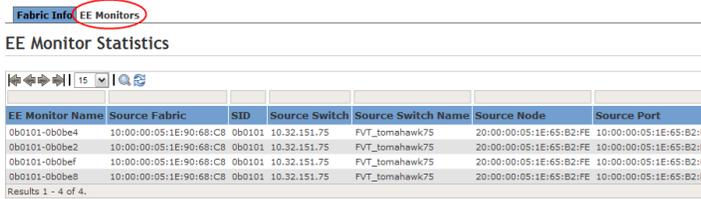


Figure 2. Provides end-to-end network visibility and performance statistics.

LEARN MORE

Brocade partners with companies of all sizes to deliver innovative solutions that help organizations maximize the value of their most critical information. To learn more about Brocade validated solutions with Microsoft technologies visit www.brocade.com/microsoft.

ABOUT MICROSOFT

Founded in 1975, Microsoft is the worldwide leader in software, services and solutions that help people and businesses realize their full potential. Learn more at www.microsoft.com.

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ABOUT BROCADE

From enterprise data centers to the service provider core, Brocade develops extraordinary networking solutions that connect the world's most important information. Delivered directly and through global partners, these solutions help today's data-intensive organizations operate more efficiently and maximize the business value of their data. Learn more at www.brocade.com.

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