

VIRTUAL CONNECT ANALYSIS

Today's challenges for network administrators include managing networking, virtualization, data center consolidation, security, redundancy and availability. HP's BladeSystem with its Virtual Connect technology provides the leading solution to effectively manage your enterprise's mission-critical area.

As more and more systems are virtualized, it is essential to understand what is happening under the Virtual Connect hood. To prevent expensive downtime, it is crucial to monitor and analyze performance and ensure efficient running of mission-critical systems.

MagicFlex is a unique solution that provides analysis to enhance the functionality of HP's Virtual Connect. MagicFlex assists with management, monitoring and troubleshooting of your Virtual Connect domains. The MagicFlex web interface presents all Virtual Connect domains in a single dashboard, delivering an overview of the domain configuration, performance and port alerts. Network and System Administrators can easily monitor domain status, troubleshoot issues and enhance network performance. With this improved efficiency, data traffic can pass more rapidly and downtime is minimized, which translates into improved ROI.

MagicFlex was developed by experienced architects who worked for many years in the Virtual Connect environment. With their in-depth networking and system knowledge as well as onsite customer experience, they identified the features which would best assist administrators of Virtual Connect to simplify ongoing maintenance and to troubleshoot problematic issues.

MagicFlex
Virtual Connect Analysis

FEATURES & BENEFITS

MagicFlex can enhance system performance and also significantly impact ROI with effective monitoring and troubleshooting:



Diagnoses, analyzes and provides recommendations throughout all stages in the HP BladeSystem lifecycle including design and configuration, ongoing maintenance, troubleshooting and backup.



Significantly reduces system downtime by identifying issues early and pinpointing the source of the problem.



Customized recommendations greatly enhance your ability to design and configure your systems.



Highlights performance data that can improve server-to-server traffic efficiency.



Port alerts enable proactive steps to prevent small issues from becoming full-blown disasters.



Saves Virtual Connect history to allow enhanced troubleshooting when events occur.

TOP UPLINK & SERVER PORTS

Investigates performance points of interest by identifying the busiest server and uplink ports throughout the Virtual Connect environment.

PORT ALERTS

Monitors all ports from all your Virtual Connect domains in a single screen. Rapidly identifies trouble spots before they evolve into full-blown disasters.

PROACTIVE CONFIGURATION ANALYSIS CAN DETECT:

- Potential duplication of MAC/WWN/Serial Numbers
- Network redundancy configurations
- Suspicious Port Behavior (Uplink & Downlink)
- Backup and comparison of configuration
- Version compatibility with VMware components
- Compatibility with SAN environment components
- And more ...

PERFORMANCE MONITORING

Provides the history of port performance; compares which ports are communicating with each other; monitors uplink, stacking link, server ports and server v-ports.

ENTERPRISE VIEW OF EACH DOMAIN'S STATUS

Verifies all your Virtual Connect Domains' wellbeing at a glance.



ABOUT MAGICFLEX

MagicFlex provides a unique solution for analyzing, monitoring, managing and troubleshooting of HP's Virtual Connect.

Company founders developed MagicFlex based on their experience as Virtual Connect architects and technical consultants since its inception. They recognized the need to easily identify issues within Virtual Connect and developed a unique solution that assists network and system administrators with analysis and troubleshooting.

MagicFlex simplifies identification of performance issues and significantly reduces the time required to troubleshoot situations within the Virtual Connect, reducing downtime and enhancing system performance.

Customers include government, defense and law enforcement agencies, large financial institutions, healthcare and communication enterprises. MagicFlex is privately held.

MagicFlex

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More information about MagicFlex is available at:

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