

CA NetMaster Network Management for TCP/IP

At A Glance

Proactively manage your mainframe IP applications with CA NetMaster® Network Management for TCP/IP. The solution automates the management and monitoring of your network infrastructure, devices, events and connections to facilitate high availability and performance for TCP/IP-enabled mainframe applications. By monitoring network health, tuning performance and proactively diagnosing and fixing issues before they're likely to affect business operations, the product helps you achieve reliable network connectivity. Plus, the solution provides simpler, automated tools that assist system operation teams and network experts in anticipating and solving problems, and planning for future demands.

KEY BENEFITS

- **Improve mainframe economics.** Reduce resource consumption (I/O and CPU).
- **Increase business agility.** Proactively monitor network anomalies and diagnose problems quickly to reduce MTTR.
- **Improve security awareness.** Leverage real-time notifications of network security events and secured network connection management.

KEY FEATURES

- **Mainframe Team Center** provides modern dashboards, reports and a collaboration environment for faster root-cause analysis and remediation of network problems.
- **Advanced Network Intelligence** collects detailed data for network resources, such as IP stacks, devices and address spaces, and leverages machine learning to proactively detect and diagnose network anomalies.
- **SmartTrace Network Tracing** is a real-time tracing function to support the timely tracking of network connections.
- **Historical Intelligence** helps you leverage data from past events to more proactively identify and resolve network performance anomalies.
- **IBM Parallel Sysplex Support** offers improved visibility of IBM Parallel Sysplex® distributor to enable workload balancing across the network.

Business Challenges

Digital transformation and the continued extension of critical applications to the web and mobile devices have led to increased mainframe workloads and an expanded focus on network performance and resilience. Due to an aging mainframe workforce and limited budgets, system administrators and IT operations generalists are being asked to take on network administrator roles. This growing complexity and shift in workforce translate to a need for simpler, automated tools that assist entire operations teams—from novice performance analysts to network experts—in proactively anticipating and solving network problems quickly and planning for future demands. Proactive network management means detecting and correcting issues before they become problems for your business and its users.

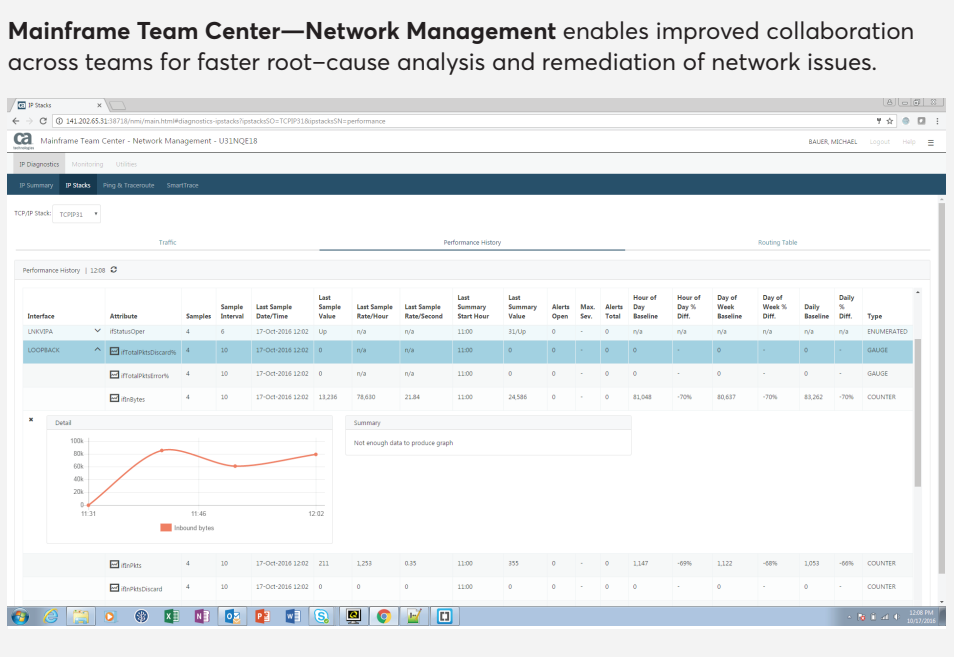
Solution Overview

With a feature-rich design that supports your growing network, CA NetMaster Network Management for TCP/IP helps you meet or exceed service levels, maintain high availability, improve the user experience and minimize outages, while maximizing performance in a more cost-effective manner. The solution's modern web interface provides a collaborative team environment for network administrators, operators and system programmers to proactively monitor network activity and identify problems before they impact service delivery. Whether you're solving a performance problem, analyzing history to anticipate future concerns or planning for growth and change, CA NetMaster provides the information to help you manage your mainframe network more rapidly and cost-effectively. Advanced diagnostics, including real-time notifications of network security events and secured network connection management, improve security awareness.

Critical Differentiators

CA NetMaster Network Management for TCP/IP provides:

- **Embedded operational intelligence** to help predict network problems sooner and fix them faster
- **Mainframe Team Center**—a modern, integrated user interface across CA mainframe management solutions that helps operations teams more efficiently collaborate and remediate problems
- **Dynamic alerts**, based on machine-detected anomalies, that enable more proactive notification of network issues and faster root-cause analysis.
- **SYSLOGD** to intercept UNIX® System Services event flows and optionally trigger an automation event
- Support for open systems adapter (OSA3 and OSA4) cards and rich, consolidated visualization for faster identification and resolution capabilities
- Express setup capabilities to help lower TCO and improve ROI
- Network security center to manage security concerns
- Application awareness to enhance business-centric management
- IP traffic breakdowns to correlate traffic on a given network interface with the business application using that interface for better decision making
- IP growth tracker facility shows growth in IP demand on the web, with no setup, to help you forecast capacity needs



Related Products

CA NetMaster integrates with CA Mainframe Operational Intelligence to help you remediate problems even faster with advanced intelligence capabilities such as alert clustering, expanded data correlation and insights from external data sources such as SMF records. Additional intelligent operations and automation solutions from CA that help you optimize mainframe performance include:

- CA SYSVIEW® Performance Management
- CA SYSVIEW® for Db2® for z/OS®
- CA OPS/MVS® Event Management and Automation
- CA Cross-Enterprise Application Performance Management

For more information, please visit ca.com/mainframe

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