Using **GSX Monitor** with Microsoft Exchange

GSX Monitor is a powerful application that enables administrators to proactively monitor Microsoft Exchange Servers, Domino, Sametime, Sharepoint, and BlackBerry Enterprise Servers through one simple interface. The application is installed quickly and simply on any client machine. No installation or configuration changes are needed on the monitored servers. Customizable alerts warn administrators when service levels reach predefined thresholds, so that remedial action can be taken **before** users experience a problem.

Working in tandem with ***GSX Monitor***, ***GSX Analyzer*** provides extensive analysis and reporting features that enable administrators to automate their management and SLA reporting and gain a valuable insight into the overall health of the infrastructure.

REAL-TIME INFORMATION AT A GLANCE

EXCHANGE SERVER 2003, 2007, AND 2010	
✓	Monitor performance with user simulation metrics
✓	Monitor the performance and availability of servers, services, disks, and clusters
✓	Monitor mail routing paths and mail delivery times
✓	Monitor and manage disk space usage with threshold triggered alerts when disk space usage exceeds a specific percentage or value
✓	Create reusable alert profiles with escalation mechanisms
✓	Monitor the availability and access times for URLs and applications
✓	Monitor ports using simulated user requests
✓	⭐ **New!** Monitor DAG availability and performance
✓	⭐ **New!** Monitor information store availability and performance
✓	⭐ **New!** Monitor CAS availability and performance

ALERTS – POWERFUL BUT SIMPLE TO CONFIGURE

✓ Define availability and performance alerts for proactive incident management – Identify potential problems **before** service is impacted

✓ Configure alerts based on your own key performance indicators – Customized alerting specific to your organization and your priorities

✓ Choose one or more recipients

✓ Choose one or more methods – Email, pager, sounds, pop-up message, SMS, and SNMP trap

✓ Create reusable profiles

✓ Implement escalation mechanisms
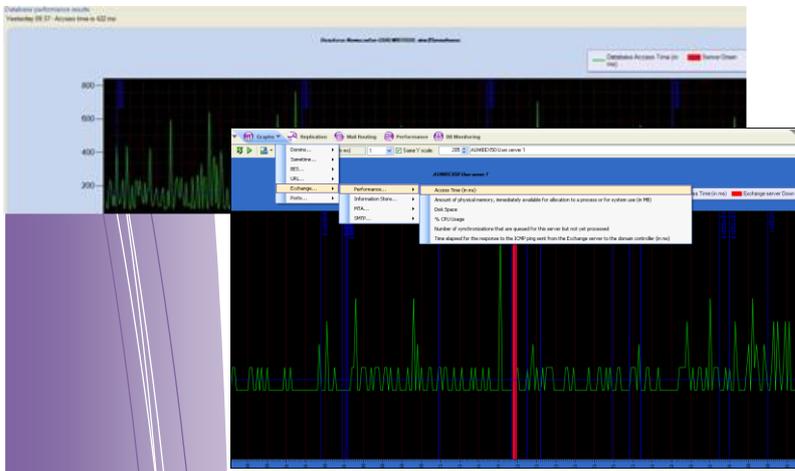
GSX Analyzer: Trend Reports

MONITOR MAIL ROUTING

- ✓ Define end-to-end paths between multiple servers and devices, and monitor against customized SLAs

- ✓ Monitor Exchange to non-Exchange mail gateways and SMTP to or from the internet

- ✓ Test the LDAP\Active Directory service using simulated user requests

- ✓ Receive alerts when the routing path is unavailable or exceeds the defined time threshold

- ✓ Track the time required to route mail between pairs of servers, the cause of any error, and long term statistics

GSX Analyzer: Dashboard

MONITOR MICROSOFT SHAREPOINT

- ✓ Monitor key services and availability

- ✓ Report on site usage, indexer workload, and catalog statistic

- ✓ Monitor services and components

- ✓ Monitor key site availability and response times

INTEGRATION WITH GLOBAL MONITORING TOOLS

- ✓ Full integration with global monitoring tools including Tivoli, BMC Patrol, HP OpenView, and SCOM

- ✓ Utilize the GSX Monitor management pack to seamlessly integrate with SCOM

- ✓ Unify your reporting by automatically forwarding information to your global monitoring console

- ✓ Capture SNMP traps and display them in your SCOM monitoring window as critical alerts, warning alerts, or information alerts

IDENTIFY BOTTLENECKS

- ✓ Monitor disk space usage and plan where additional capacity is required

- ✓ Environmental Health – Create customizable reports that provide the full picture of the overall performance of your infrastructure against KPIs and SLAs

- ✓ Graph performance, volume, resources, URLS, applications, RAM and CPU usage by server and by task
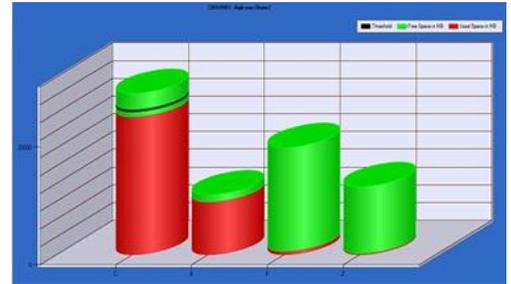
GSX Analyzer: Capacity Planning

MICROSOFT EXCHANGE 2010

- ✓ Monitor Database Stores including copy status, content index state, size, white space, number of mailboxes, average mailbox size, last log inspection date, and last backup date

- ✓ Monitor Database Availability Groups (DAGs) – Proactively monitor replication and validate your high availability implementation

- ✓ Monitor Client Access Servers (CAS) – Alert on CAS Status, Threshold Alert on Outlook Web Access average response time, Threshold Alert on Download Tasks Queued

- ✓ Run CAS protocol checks including MAPI connectivity test, Outlook Web Access connectivity test, POP3 service verification, IMAP service verification, and Active Sync configuration test

ANALYSIS AND REPORTING

- ✓ Create customizable reports on demand

- ✓ Schedule reports to be created automatically and delivered by email

- ✓ Create detailed Trend Reports and Capacity Planning Reports

- ✓ Track performance against KPIs and SLAs using customizable templates based on best practices

- ✓ Use the Environmental Health feature to assess how your entire infrastructure is performing, and identify high\low performing servers

- ✓ Utilize the built-in statistics to assess performance – Server Up\Down, Longest Downtime, Mail Forwarded, Mail Filtered, Licenses Used, Cluster Up\Down, Messages Pending, Total KB Received, and more

WEB ENABLER

- ✓ Access real-time information from anywhere using a secure, web-based monitoring interface

- ✓ Create customized profiles and define the servers to be displayed for each user

MAINTENANCE CALENDAR

- ✓ Configure planned maintenance times

- ✓ Create customized reports with or without maintenance times

FOR MORE INFORMATION:

Visit www.gsx.com or email sales@gsx.com