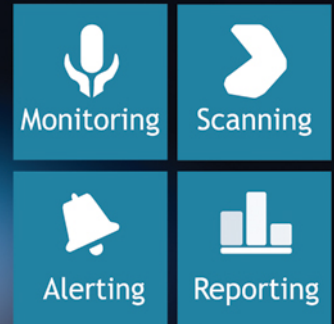


GSX Monitor & Analyzer

Streamline your business-critical messaging & collaboration environments



GSX Monitor & Analyzer

Microsoft Exchange Statistics

GSX Monitor & Analyzer is the most widely used monitoring and reporting solution for collaboration, messaging and mobile environments. It safeguards the operation of over 5 million email accounts worldwide.

To ensure the availability and performance of your Microsoft Exchange environment and keeps up with demands, administrator and IT managers need to monitor and report its usage and growth over time. This can be an arduous manual task.

Some of the challenges administrators and IT managers may encounter include:

- Receive consistent, relevant statistics
- Get pre-configured trend analysis
- Measure the availability against preset service level objectives
- Correlate performance with the growth of usage and capacity

GSX Analyzer provides these elements in a user-friendly tool that allows IT administrators to meet established availability and performance goals and follow their Microsoft Exchange SLAs and KPIs.

GSX Analyzer does not overwhelm you with thousands of statistics but provides only the statistic that matters:

- Mail flow for the Hub and Edge
- Database size for the mailbox
- Availability for the DAG
- Protocol availability for the CAS

Product Highlights

- Highlight underutilized servers and poor load-balancing among servers
- Detect CAS availability problems on a daily, weekly or monthly basis
- Control the architecture evolution to avoid any sizing capacity issue
- Manage your SLAs and anticipate any degradation of the service before it impacts the end users

System Requirements

GSX Monitor:

- Windows Server 2003, 2008 and 2012
- Windows XP, Vista, 7 and 8
- 32 or 64 bit workstations
- RAM 4 GB
- CPU 2 GHz Multicore
- Disk Space 2 GB free
- Microsoft .NET Framework 2 and Microsoft .NET Framework 4 (Full) must be installed on the monitoring station

GSX Analyzer:

- Windows Server 2003 SP3 and 2008
- Windows XP, Vista and 7
- Internet Information Services (IIS) 5.1 and later. For IIS 7 & 7.5, GSX Analyzer requires the IIS 6 Metabase Compatibility Component
- Microsoft .NET Framework 4 needs to be installed
- Internet Explorer 7 or above; Mozilla Firefox 4.0 or above; Chrome
- Adobe Flash Player 10.2 or later

All details of our Exchange Monitoring requirements are on the [GSX Support website](#).

Download a free trial at www.gsx.com

Get real time information on your Microsoft Exchange environment

<p>Exchange Edge role statistics</p>	<ul style="list-style-type: none"> • General availability: Server availability (Up, Down, Average Access Time, Longest Downtime), network, CPU and RAM availability • Mail routing statistics: Average and max delivery time of a complete mail routing process from the SMTP server through the EDGE, to the Internet and back • Manage your pre-defined SLA: Average delivery time, maximum delivery time, minimum routing time etc.
<p>Exchange Hub role statistics</p>	<ul style="list-style-type: none"> • Performance: Server availability (Up, Down, Average Access Time, Longest Downtime), network, CPU overload and RAM availability • Usage: SMTP inbound and outbound connections, SMTP inbound and outbound bytes and message sent to follow the server load - Correlation must be done to detect sizing problems • Mail Routing statistics: Internal, external and BlackBerry Mail Routing tests check the HUB transport services • Manage your pre-defined SLA: Average delivery time, max delivery time, minimum routing time etc.
<p>Exchange Mailbox database statistics</p>	<ul style="list-style-type: none"> • Availability: Server availability (Up, Down, Average Access Time, Longest Downtime), network, CPU and RAM can show any performance degradation over time • Disk space: Exchange Data used (MB) and disk space Exchange Data free (MB) show how the DB fills the available space on the server • Mailboxes: Mailbox statistics per DB, per server, and per DAG are critical for anticipating capacity issues when correlated with the disk space statistics and load capacity
<p>Exchange Client Access Server (CAS) statistics</p>	<ul style="list-style-type: none"> • System server statistics: General server availability based on the WMI connectivity and the critical services availability (CPU, RAM, server and network availability, access time) • Specific CAS statistics: Average of users connections, average of user connections without maintenance, average of user connections during Business Hours without maintenance, maximum concurrent user connections, maximum concurrent user connections without maintenance, maximum concurrent user connections during Business Hours without maintenance
<p>Exchange Database Availability Group (DAG) statistics</p>	<ul style="list-style-type: none"> • Real time general availability: Status of the DB store check (one healthy copy per DB must be available on the DAG) and the replication services. Trending and forecasting are available on the server Up, Down, Average Access Time, Longest Downtime • DB store statistics at the DAG level: Number of healthy mailbox databases, % of healthy mailbox databases, number of mounted mailbox databases, % of mounted mailbox databases, number of mailboxes, average mailbox size per DAG, number of mailbox databases, total disk space usage for all mailbox databases
<p>Exchange Database Statistics at the DB level</p>	<ul style="list-style-type: none"> • Database availability: Up 24h, Up 24h without maintenance, Up Business Hours without maintenance, Down 24h, Down Business Hours without maintenance, %Up 24h (day, week, month), %Up 24h without maintenance (day, week, month), %Up Business Hours without maintenance (day, week, month) • Specific database statistics: Database content index availability, size of the database, white space database, mailbox reports, number of mailboxes and average size of a mailbox per DB (evolution of the mailbox size to compare this with the DB store quota setting)
<p>Exchange Database Statistics at the server level</p>	<ul style="list-style-type: none"> • Number of mailboxes and number of mailbox databases per server: Balance the number of mailboxes among DB stores and servers, based on the number of users and the amount of storage they use • Average mailbox size per server: Actual usage versus the average DB size per server • Total disk space usage for all mailbox databases (per server)



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For more information:

For more information on GSX Solutions, visit www.gsx.com, where our resource center contains FAQs, Case Studies, Podcasts, Whitepapers and Webinars.

You can also download a fully functional, 30-day evaluation copy of GSX Monitor, GSX Monitor & Analyzer, GSX Usage Metrics and GSX Server Guard.