GW-TEL® INFRA-XS®

Geyer & Weinig

XS-Agents for servers and mail monitoring

Within the INFRA-XS® product family, XS-Agents measure a wide range of application and network-relevant data from the end-user perspective, therefore portraying realistic business cases.

XS-Agents for servers and mail monitoring

XS-Agents for server monitoring are used on standard PCs running Microsoft® Windows® to measure the availability and, where applicable, the response time behaviour of application servers from a functional perspective, using pre-defined monitoring methods.

Monitoring methods are simple functional tests applied to as much of the core functionality as possible of the relevant application server.

All functional tests of the server monitoring are based on the INFRA-XS® script language, which is also used on RTF agent systems. These functional tests are flexibly adaptable to specific customer environments.

Normally, several automatic server monitoring systems are connected together in a system farm, coordinated by a central management system. Depending on the monitoring method used, this procedure allows several hundred servers to be monitored from a single automated system, while the distribution of parallel monitoring procedures, the consolidation of the measured data and SLA compression run fully automatically.

A special case of server monitoring is the measurement of a messaging and collaboration backbone in the scope of mail monitoring. A continuous, automatic flow of mails sent by means of standard mechanisms is used to demonstrate the mail run time and the availability of individual mailbox servers of the backbone.

Using adaptable scripts supplied with the system, agent systems for server and mail monitoring are self monitoring in conjunction with the XS-Server, transmitting warning messages when any measurement problems occur.

A comprehensive tool environment, including script editor, script debugger and workflow system for monitoring methods, is available for development and documentation. This procedure is independent of the application being measured, and is standardised.

Geyer & Weinig EDV-Unternehmensberatung GmbH, Postal Address: Einsteinstr. 24, D-76275 Ettlingen
Fon +49 7243 15777, Fax +49 7243 78567
Headquarters: Zossen, Amtsgericht Potsdam HRB 23794 P
Management Board: Joachim Geyer, Axel von Dielingen

GW-TEL® INFRA-XS®

Geyer & Weinig

XS-Agents for servers and mail monitoring

Performance features:

- Measurement of the availability and response time of server systems and mail backbones, including
  - Windows application server
  - Exchange server
  - Intranet server systems, including HTTP server, SMTP server, directory server and servers for naming resolution
  - Database server and EAI systems based on web services or other RPC interfaces
  - Standard Unix application server
- Measurement of functional server availability and server performance
- Flexible script language for definition of the monitoring methods
- Monitoring scripts for self monitoring
- Extensive standard script libraries, for example for TNS communication with Oracle servers or for execution of LDAP transactions. All libraries are adaptable.

System requirements for XS-Agents for server and mail monitoring

Platform:

- Microsoft® Win32 standard platform

Operating system:

- Microsoft® Windows® 7
- Microsoft® Windows® XP SP3
- recommended Windows® 7

Processor:

- Minimum Intel® Pentium® 4, 2,5 GHz
- recommended Intel® Core™ 2 or
- AMD Athlon™ X2

RAM:

- Minimum 1024 Mbyte
- recommended 2048 Mbyte or more

Hard drive:

- around 100 MB required in continuous operation
- around 150 MB required in addition for the installation, if installed from the local hard drive
- around 1 GB in addition recommended as a cache for measured data, if longer offline run times required
- around 10 GB recommended in addition as cache for network data, if network troubleshooting required

The actual sizing of the system is determined in the scope of the relevant customer projects.

Geyer & Weinig EDV-Unternehmensberatung GmbH, Postal Address: Einsteinstr. 24, D-76275 Ettlingen
Fon +49 7243 15777, Fax +49 7243 78567
Headquarters: Zossen, Amtsgericht Potsdam HRB 23794 P
Management Board: Joachim Geyer, Axel von Dielingen