

software



REALTECH theGuard! ApplicationManager Standard
Customizing for Monitoring SAP Systems **REALTECH**

As of: 1/3/2008



SAP (ABAP)

- SAP system status (user access)
- System performance / response time (e.g. GUI Time, Response Time, CPU Time, DB Time)
- Performance of the 5 most important transaction (End-to-End / Business Transaction Analysis and in Detail, if necessary client-specific)
- Monitoring the work-processes (Utilization of WP-Typ)
- SAP memory utilization (Roll-/Paging-Usage, Extended Memory, Heap)
- SAP system buffer usage (Hit-Ratio, Directory Usage, Swap)
- Availability of RFC connections
- ICM status and statistics
- Spool / Print job status
- TEMSE inconsistencies
- Update status and aborted update jobs
- Batch job monitoring (exemplary: aborted, long-runners, delays)
- Shortdump monitoring (statistics and targeted filtering)
- Monitoring obsolete lock entries
- Transport statistics (over-all and erroneous)
- TRFC and QRFC Queue status and utilization
- User activity (statistics and security)
- SAP Syslog check (filtering critical messages)
- Active Opmode check

SAP (JAVA)

- Status of the JAVA-VM instance (J2EE cluster and availability of the central services)
- Status of JAVA services (availability)
- Message Server and Lazy Communication Performance
- Connection-/Session statistics (over-all and in detail)
- System Thread Pool status and fill rate
- Memory utilization in VM
- Application Thread Pool status and fill rate
- Service-oriented JAVA logfile monitoring (messages categorized according to SAP standard and consolidated per JAVA Service)
- Probing of up to 5 portals: Availability (user login) and performance



Database (general)

- Database status (database access)
- Status of data files
- Status of log files (incl. archive)
- Database parameters check
- Buffer- / Cache - hit ratio
- Database fill rate (over-all and in detail, incl. segment- and autoextent check)
- Monitoring Locks / Deadlocks
- Database I/O statistics
- Database Alert-/Error-Log check (filter on critical messages)
- User Session statistics

Operating system (general)

- Processor utilization (over-all and in detail, partially separately by virtual and physical processors)
- Memory utilization (real and virtually)
- Monitoring the swap behaviour
- Hard disk, respectively file system fill rate
- Processor monitoring (availability and performance of up to 5 selected standard processes per server)
- Availability of services under MS Windows
- Syslog, respectively Event Log check (filtering critical messages)

