

ORACLE®



vmware®



Application server



APACHE * Service: httpd * Bytes per request * Bytes per second * Web server CPU load * Requests per second * Active requests * Idle processes * Uptime * Total number of hits * Traffic volume.



JBOSS * Status (per instance) * Listener status * Available heap * Threads in use * Transactions * Requests * Traffic volume * Average CPU usage * Active HTTP threads * Connections established * Number of connections * CONN * WAIT * ACK * WAIT * WAIT2.



TUXEDO * HTTP timeout * advanced log parser for errors * Volume occupation * DbSPACE occupation * Custom metrics using onstat * Custom metrics using tadmin * Client connections * Queue checks.



IIS * AppPool status * Site status * URL status * Error detection 404 * 500 * 503 * 504 and * 505 * Anonymous requests per second * Traffic volume * CGI requests per second * Asynchronous requests blocked * SSL connections * Total connections * POST requests per second.



Sun One WEB Server * Web server status * Bytes per request * Bytes per second * Web server CPU load * Requests per second * Active requests * Idle processes * Uptime * Total number of hits * Traffic volume.



TOMCAT * Web server status * CPU load * Memory * Number of threads * Number of custom threads * Custom Tomcat metrics using SNMP or JMX.



WebSphere.

WEBSHERE * WAS server status * WAS server performance: * CPU * RAM * Traffic volume * JVM custom metrics * Activity of the pools of threads per instance * Transactions metrics per instance * Filesystems.

NGINX

NGINX * Connections per second * Requests per second * Keep-alive connections.

Mail server



EXCHANGE * Process and subprocesses monitorization * Temporal files monitorization * Queued messages * Requests per second * Total number of agent's invocation * CPU usage * OWA access * ActiveSync connection * Internal Outlook * Outlook Webapp * Services: * Web server * IMAP4 * POP3 * Database replication status * Average OWA time response * Average wait time * Queued requests * Latency * Remaining synchronizations * Requests per second * RCP/HTTP * Unique users connected * Navigation latency * Average CPU usage * Memory used * Read/write rate in disk * Transport queue size * Delivered messages per second * Elements in the thrash * Number of mails erased per second * Total elements per queue * Edge and Transport service metrics.

Lotus.

LOTUS NOTES * Active Directory monitoring * Services: * Lotus Domino Server * PGPServ * Slapd-ssq * Slapd-duct * TSMSched * Tasks: * HTTP * ROUTER * SMTP * LDAP * DIIOP * Ports 45103 * SMTP.



SMTP, IMAP Y POP3 * Verify proper operation of your mail system through consultations with standard protocols * SMTP * IMAP y * POP3.



OFFICE 365 * Logs * Dynamics * Azure protection * Exchange online * Finance and operations * Identity service * Bookings * Defender ATP * Forms, etc.



High availability



Microsoft CLUSTER * Services: * FileScreen * QuotaAdv * SecurePathAgent * Samss * SpntSvc * LSMTP * Group checks * Resources checks * Network checks * Number of files opened * Internal application events.



DRBD * Filesystem usage (%) associated to a resource * Resource status inside drbd * Resource's role inside drbd * Filesystem status associated to a resource * KBytes sent to the partner through the network * KBytes received from partner * KBytes written for the resource in the local computer * KBytes read from the resources in the local computer * Number of log changes * Changes in the bitmap * Number of requests sent to the partner, but not yet been responded * Number of requests opened to the I/O subsystem from DRBD * Number of requests received from partner through the network, but have not been responded yet * Number of I/O blocks sent to DRBD not responded yet * Amount of storage out of synchronization (kikibytes) * Heartbeat status * Number of processes running from the heartbeat.



HSRP, VRRP Y LVS * Compatibility with standard and proprietary protocols to check the status of distributed architectures.



Databases



MySQL * Database service and connection status * CPU usage * Memory * Active connections * Open tables * Requests per second * Active threads * Blocked tables on hold * InnoDB metrics * Traffic volume * Number of SELECT * UPDATE * DELETE * INSERT performed * Uptime * Database filesystem monitorization.



Microsoft SQL Server * Database service and instance status * CPU usage * Idle time * Volume of I/O packages * Read/write errors on disk * Total read/write performed * Internal metrics from the database: * Allocated pages * Scans per second * Cache performance * Buffers * Mirroring status * Transactions per second * Tables performance * Internal statistics.



ORACLE * Database service and listener status * Cache metrics: * Hits * Failures * Dictionary size * Internal performance metrics: * Read/write latency * buffer monitorization * Queues * Locks * CPU usage * Memory * Table performance * Rows * Queries * Database filesystem monitorization * Custom queries performed by the user * ORA alerts per instance.



PostgreSQL * Database and listener status * CPU * Memory * Active locks * Number of commits / rollbacks * Active processes on the server * Number of searches performed.



MongoDB * Database status * Performance metrics: * Number of insert * Update * Delete per second * Queries per second * Flushes * Pagefaults * Btree index failures * Traffic volume * Opened connections per instance * Number of clients reading/writing.



Informix * Application status * CPU metrics and memory usage per instance * Advanced log parser for error detection * Volumes occupation * Dbspaces * Custom metrics using onstat.





DB2 *Availability data gathering from a DB2 server *Availability checks of databases in an instance *Availability checks of applications in an instance *Filesystem or logical volume free space *DB2 Total Connected Application Count *DB2 Total Disconnected Application Count *DB2 Active Application Count.

Virtualization



RHEV *Datacenter status *Virtual network status *Spanning Tree Protocol checks *VM and Stateless/HA checks *Auto-discovery of the virtual infrastructure.



HYPERV *Per Host: *CPU *Memory *Dynamic balancer memory *Traffic volume *Read/write disk rate *Per VM: *CPU *Dynamic memory in use *Traffic volume *Read/write disk rate *Volumen de tráfico *Per Host: *VM's in critical state *Free disk (%) *Per VM: *Snapshots' uptime control *Host status *VM status



VMware / VSphere *Power status *Activity *Host's SSL fingerprint *CPU usage *Disks *Physical memory *Uptime *Read/write latency *Traffic volumen *NIC status *Network and VM status *CPU *Disks *Physical memory *Guest's OS operational mode *Read/write disk rate *Network connectivity *VMWare alerts *Datastore status *Max capacity *Free space *Over allocation of the disk *Auto-discovery of the virtual infrastructure.



XEN *It scans all available domains *Extracts its status *CPU *MEM *DISK and Net usage *Status of virtual machines (stopped, alive, etc).



Networks and services



Dispositivos de red *Availability (ICMP) * Latency (ICMP) *Open ports *Application checks using TCP protocol conversation through a port *SNMP traps *v1 *v2 *v3 *Through SNMP v1/v2/v2c/v3 polling we can get NIC's status *Input/output traffic per interface *Error rate *MTU * Custom values.



Dispositivos de red SNMP *Complete support (Polling and traps) of SNMP v1,v2 and v3 *Every manufacturer: *Cisco *HP *Dell *D-Link *IBM *Linksys *Huawei *Nec *Nokia *3Com *Nortel, etc.



Experiencia de usuario web web monitoring Website status checks *Website content checks *Latency and time response of a defined web transaction *Information gathering from a website or a web transaction *Change detection in a website.



SAMBA *SMB sessions *SMB read errors *Number of SMB connections *File existence checks *Última modificación de un fichero *Last modification of a file.



DNS *DNS server time response *IP/Domain tuple checking.



Cloud



AMAZON *EC2 *RDS *Cost metrics *Automated scanning.



AZURE * Compute (virtual machines) * aAutomated scanning.

Others



JMX *Information and statistics about the application server *Information about the application server host OS *Status information of every Servlet deployed in the application server *Memory used by the server *Information of every Mbean of the application server *Thousands of monitors for *Tomcat *Weblogic *WebSphere *Jboss *GlashFish, etc.



Operating Systems *Full support for the following OS: *Windows NT4 *Windows 2000 *Windows 2003 *Window XP *Windows 7 *Windows 2008 *Windows 8 *Solaris (since version 6) *AIX (since version 4) *Linux (any version) *HPUX (since version 10.x) *FreeBSD * NetBSD *OpenBSD (every version) *Novell Netware (using SNMP) *z/OS (using Unix Services).



CITRIX * Services: *HCA *CTXCpuusync *CtxcpuSched *IMAService *CtxHttp *MFCOM *Citrix SMA Service *Cpsvc *Citrix Virtual Memory Optimization *SpntSvc. *Terminal server errors *Security policies *Licence server connection checks *Licences expiration checks *Citrix internal monitorization *Metaframe errors.





SAP/R3 *System up *Workprocess control (SM50) *DIA workprocess with errors *BGD workprocess with errors *UPD workprocess with errors *UP2 workprocess with errors *SPO workprocess with errors *ENQ workprocess with errors *Workprocesses without active restart *Workprocess stopped *System lock entries (SM12) *System list of lock entries (SM12) *Erroneous batch input in the system since yesterday (SM35) *Cancelled jobs (and another 50 monitors).



Active Directory *Services: *NTDS *Kerberos key Distribution Center *File Replication Server and DNS Server *LDAP performance metrics: *Cache search per second *Domain controller read time *Domain controller search time *Domain processes read time *Domain processes search time *Domain controller long running *Replication errors *Synchronization and application integrity.



ASTERISK *Registered peers *Number of active calls *Clock deviation *Service status.



Flash Streaming *Streaming monitorization for rtmpre *Rtmp and http streaming types based on FLV.



VARNISH *Cache metrics: *Hits *Failures * Dictionary size *Internal performance metrics: *Connections per second *Requests per second *Advanced metrics per worker.



Forefront Identity Manager *Services *FIMSynchronizationService *TaskScheduler *MSSQLServer * MSSQLServer_VSS_Writer *WindowsTime *Average length of logical disk *Database synchronization log file size *Log percentage used *Database transactions per second *FIM specific events.





OPEN LDAP *Verify that your LDAP server authentication works correctly for a particular user *Run a custom query.



BACULA *Number of clients *Tapes *Generic storage devices *Jobs *Jobs stored in tapes *Size occupied on tapes *Jobs without errors since today/yesterday/last month/any month *Jobs with errors since today/yesterday/last month/any month.



Pandora Gateway PerformaNCE *Checks of the status of the tool by SNMP polling and manufacturer's MIB *Synchronization and completeness of the application.



EPOLICY ORCHES-TRATOR *Verify that your LDAP server authentication works correctly for a particular user *Run a custom query.



RSA/Ace SERVER *Check the status of your server SecureID authentication and VPN's.

Contact