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Monitoring System

Monitoring and alerting allow incident detection and capacity management, tracking the evolution of resource usage. Eurotux has a proven record in the implementation of these solutions.

IT infrastructure monitoring is one of our key activities, using monitoring systems as Nagios and Icinga, and integrating them with other technologies, in order to optimize and adapt the solution to each customer's specific needs.

The monitoring system encompasses both infrastructure and service components. It can generate availability reports and keep track of service performance. Alarming can be associated to any monitored object, using email, SMS or custom-built mechanisms.

IT Infrastructure, application and service monitoring tool

Benefits

Global and exhaustive view over IT resources

Detection of potential failures in an early stage

Reduce reaction time in the event of component failures

Extend equipment's lifespan by ensuring operation within optimal parameters

Reduce maintenance costs

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Monitoring System

Platform monitoring

Availability

CPU usage

Memory usage

Disk and partition space

I/O statistics

Fan and power-unit status, temperature

Network usage

Swap space usage

Custom monitoring using SNMP

SMS and phone call alerts

Mobile monitoring, through iOS and Android apps

Service Monitoring

TCP connection time for TCP based services

The system can monitor availability for services as HTTP, FTP, DNS; databases as MySQL, PgSQL, Oracle and SQL Server; Jboss, Tomcat, etc.

Infrastructure Monitoring

The system can monitor networking infrastructure availability, collect SNMP data from switch and router ports and server interfaces, in order to generate usage graphics.
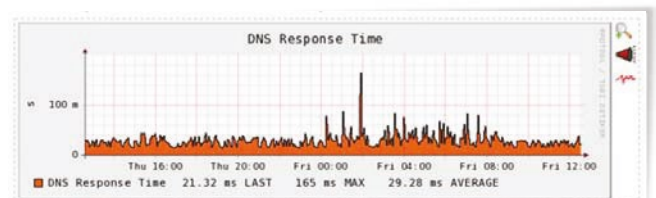
Custom solutions

In addition to the more typical platform and service availability and operation tests, custom mechanisms can be implemented for any specific components of the client's IT infrastructure.
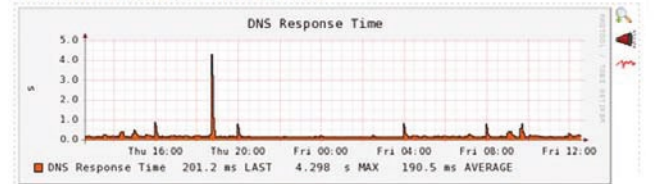
Licensing

This solution is open-source based and does not require commercial licensing.

References