

Check MK

Versatile monitoring solution building on 15+ years of experience

What is Check MK?

- An abstraction on top of Nagios style configuration
- A web interface and an API
- A modern monitoring agent
- A tightly bundled collection of well tested monitoring tools
 - Nagios (or Icinga/Shinken) - Monitoring core
 - PNP4Nagios - Graphs
 - Nagvis - Presentation

How can I monitor?

- Check MK agent with *automatic service inventory* for all major operating systems (Linux, Windows, OS X, AIX etc)
- Network devices via SNMP (w/service discovery)
- Ping
- Active checks - HTTP, SMTP, RDP, SSH etc

What can I monitor?

- Operating systems
- Switches, routers, loadbalancers
 - Networks and network devices
- Web services, mail servers, message queues...
- VMWare, BigIP, Oracle, MySQL, MSSQL, Netscaler, 3Par
 - Just about anything...

Topology and dependencies

- Automatic "parent host scan"
 - Switch outage can generate 1 alert
 - Child hosts depend on the switch
- Service dependency mapping
 - Service X, Y depends on Service Z

BI: Business Intelligence

Build accurate service models

- Map everything that is needed for a service to operate
- Specify dependencies and clusters
- Define criticality of dependencies
 - Application cluster with reduced capacity still gives an operational service
 - Expired SSL certificates does not

Alerting

- Alerts can be sent via mail, SMS, Slack, Opsgenie...
- Hosts/services can have notification periods
 - In example: Notify only between 7-17
- Hosts/service can have service periods
 - Service state ignored outside of 'opening hours'

Reporting

- Availability reports for any service
- Graph reports for given or custom time ranges
- Bundle desired services into one report
- Export reports as PDF