Nagios®

The Industry Standard in IT Infrastructure Monitoring

NCPA (Nagios Cross-Platform Agent) – Is an Open Source Nagios monitoring agent designed to provide users with the most flexibility for monitoring any device. NCPA is a universal cross-platform agent that comes pre-configured with dozens of metrics and functions that seamlessly integrate with Nagios monitoring solutions. NCPA also comes with a fully accessible API interface and real-time GUI graphing capabilities.

Overview:
NCPA is easy to install and covers a large spectrum of applications and monitoring metrics, making NCPA the most flexible monitoring agent available to date. NCPA combines the features and functionality of multiple industry-standard monitoring agents to provide System Administrators with a single tool capable of monitoring their entire infrastructure.

Agent Comparison:

Features \ Edition	NCPA	NRDS Agent	NSClient ++	NRPE
Installs on Linux	✔	✔		✔
Installs on Windows	✔	✔	✔	
Installs on Mac OSX	✔	✔		✔
Graphical User Interface	✔			
Active Check Metrics	✔		✔	✔
Passive Check Capabilities	✔	✔	✔	
Flexible API Access	✔			
Seamless Integration with Nagios XI	✔		✔	✔
Integration with Nagios Core via NRDP	✔	✔	✔	
Official Nagios Enterprises Monitoring Agent	✔			
Pre-configured Monitoring Metrics	✔		✔	✔
Integration with NRDS Configuration Protocol		✔		

Installation Instructions:
NCPA is designed to be installed on multiple operating systems, making it the best choice for System Administrators looking to simplify the management of the IT infrastructure monitoring system. Instructions for installing NCPA on network devices can be found in the technical documentation.

How to Install NCPA
http://assets.nagios.com/downloads/ncpa/docs/Installing_NCPA.pdf

Download:
Below is a link to directly download the Windows installer for NCPA. This simple wizard will run you though the set up of

Direct Download for NCPA Windows Installer
http://assets.nagios.com/downloads/ncpa/ncpa-head.exe

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NCPA Pre-Configured API Monitoring Metrics:

CPU ============= Core count CPU Usage percent (per core) Idle time (per core) System time (per core) User time (per core)	System ============== Hostname/nodename Machine OS version OS type OS release number
Processes & Services ============= Number of X Processes Running where X is user definable Service Name: Running or Not Running	**Users** =============== User Count User List
Swap Memory ================== Swap Memory Used Swap Memory Total Swap Memory Percent Used Swap Memory Free	**Virtual Memory** ================== Virtual Memory Available Virtual Memory Total Virtual Memory Percent Used Virtual Memory Free Virtual Memory Used
Logical Disks ================ **Per Logical Volume Metrics (Smart detection of volumes) Total size Used percent Used bytes Free bytes Volume name	**Physical Disks** ================ **Per Physical Disk Metrics (Smart detection of disks): Read time Read count Read bytes Write time Write count Write bytes
Network Interfaces ========================= **Per Interface Metrics (Smart detection of interfaces): Packets sent Packets received Inbound packets dropped	**Network Interfaces** ======================= Outbound packets dropped Inbound errors Outbound errors Bytes sent Bytes received

More Information

For more information on Nagios Cross-Platform Agent, please feel free to contact us:

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