adrem software

NETCRUNCH

Designed to manage thousands of network nodes which means monitoring of even 650 000 objects.

AdRem Software is an independent software company. Its flagship product, NetCrunch, is an agent-less network and systems management tool that automatically maps, monitors and troubleshoots networks of 3,000+ nodes. NetCrunch monitors all leading operating systems, including Windows, Linux, VMware ESXi, Solaris, Mac OS X, and BSD, and is used by more than 2,500 companies worldwide (in over 80 countries). AdRem's products are sold globally through resellers, distributors and system integrators.

Server

NetCrunch Server runs on 64 bit Windows Server systems (**Windows 2008 R2**, **Windows 2012 R2**). It comes with its own web server and embedded SQL database for storing monitoring events data. *NetCrunch* can be installed on a virtual machine, provided you assign it at least 4 processors and 4GB RAM.

Database

The software comes with a built-in SQL database for storing events generated by *NetCrunch* as well as events collected from **SNMP Traps**, **syslog** and **Windows Event Log** (WMI). For performance data *NetCrunch* uses a proprietary NoSQL file based database. No additional hardware nor extra licensing costs.

Console

NetCrunch's remote console can be installed on any Windows machine Windows 7 or later (32 bit or 64 bit systems). A large HD screen with 32 bit color support is required. For the best experience, we recommend multiple monitors. Additional 50 inch monitors would allow you to see more aspects of the monitored network. However, a Surface Pro type device with 13 inch screen and Windows 10 will run the console smoothly.

Remote Access

You can browse your network status from any location using the *NetCrunch Web Console* via HTTP/S which allows restricting rights to particular views and operations. Console user accounts can be integrated with *Active Directory*.

The best experience and multi screen real-time operations are available through *Remote Console* running on Windows desktop.

NetCrunch also features a Mobile Client, designed for quick access from smartphones and tablets (*iOS*, *Android*, *Windows*) supporting *HTML5*.

Licensing

NetCrunch is licensed per number of monitored nodes and number of concurrent remote connections to the *NetCrunch* server (via remote consoles). Unlike other network monitoring products, *NetCrunch* does not limit the number of basic parameters (network services, performance counters, and interfaces) that can be monitored on particular nodes.

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Monitoring

No Agents Required

SNMP Monitoring (v1/v2c/v3)

NetCrunch uses SNMP for managing network devices (switches, printers, etc.). The program supports SNMPv3 traps and trap info packets, and includes trap forwarding. It also includes a MIB compiler and more than 3,500 compiled MIBs.

Operating Systems

NetCrunch monitors the performance of **Linux, Solaris, BSD** and **Mac OS X** remotely via **SSH**. It comes with predefined monitoring settings for each system.

Windows monitoring is integrated with Active Directory and doesn't require SNMP agents to be installed on servers. It allows for performance and **Windows Event Log** monitoring.

Network Services & Applications

NetCrunch supports basic monitoring of over **60** network services (ping, HTTP/S, DNS, SSH, etc.). For each monitored service the program checks connectivity, validates service response and measures response time.

For more complex application monitoring the program uses specialized sensors which include for example: **Apache server**, **file and folder monitoring (windows, http, ftp)**, **and DNS query and reverse query monitoring.**

Web Monitoring

NetCrunch includes various sensors for checking HTTP/S requests and can render full page content like a browser. It can also analyze file content.

Log Monitoring

Program can collect and process alerts from various sources such as: text logs, syslog, Windows Event Log, and SNMP traps. It can receive events by e-mail and parse web content.

Traffic Monitoring

The *NetCrunch* **Flow Server** allows you to collect network traffic information from various flow sources using: **IPFix**, **NetFlow (v5 & v9), JFlow, sFlow, netStream, CFlow, AppFlow,** and **rFlow** protocols. The program analyzes traffic by various categories including: applications, protocols and domain categories.

Cisco Support

NetCrunch is Cisco Compatible certified and supports various *Cisco* technologies including **VOIP** monitoring using **IPSLA** operations defined on *Cisco* devices. *NetCrunch Flow Server* supports **Cisco NBAR** technology.

VMware Support

NetCrunch monitors **VMware ESXi** v5.5/v6 including hardware health status monitoring and virtual machine monitoring.

Microsoft Support

For most popular applications like **MS SQL** and **Exchange**, *NetCrunch* offers over **100** predefined sets of monitoring rules called Monitoring Packs.

There is much more...

NetCrunch supports scripting, API and many other vendors and applications: **NetApp**, **Juniper**, **HP**, **IBM**, **Avaya**, **Oracle**, **APC**, many antivirus vendors...

Alerting & Actions & Integration

Notifications can be delivered in a number of different ways, including e-mail, text message/SMS, etc. *NetCrunch* contains alert escalation and remotely executes programs or scripts on all supported systems. It can set SNMP parameters and perform many corrective actions. It can be easily integrated with other systems by Webhooks and REST API.

PRICING

NetCrunch Premium starts at **$1,755** for **50 nodes.** The Premium edition is designed for monitoring mid-size networks consisting of up to 300 nodes.

NetCrunch Premium XE starts at **$6,700** for **600 nodes.**

The Premium XE edition has been optimized for monitoring networks of up to 3000 nodes, as well as for monitoring remote networks.

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