

The Industry Standard in IT Infrastructure Monitoring

Overview

This document is intended to provide general guidelines on the hardware requirements needed to run Nagios Network Analyzer. As each IT infrastructure differs, the hardware requirements for monitoring can vary. If you are monitoring a large number of flows, the requirements may exceed the guidelines listed below.

Recommendations

Server Operating Systems

- Linux:
 - RHEL 5/6 (32-bit/64-bit)
 - CentOS 5/6 (32-bit/64-bit)

Virtual Hosts

- VMware Player, Workstation
- VMware Server, ESX
- Microsoft Virtual PC
- Microsoft Virtual Server

Server Hardware

- 1 GHz CPU (1-2 cores), 2 GB RAM (minimum)
- 2 GHz+ CPU (4 cores), 8 GB RAM (recommend)

Server Storage

- 40 GB free space (minimum)
- 80+ GB free space (recommend)**

**Dependent on amount of traffic and speed of collected flow data.

Browsers

- Firefox 4.0+
- Internet Explorer 9+
- Safari 2.0+
- Chrome 28.0+

Performance Enhancements

There are a number of modifications that you can make to your Nagios Network Analyzer installation in order to increase performance, and therefore increase the number of flows you can monitoring. These include:

- Installing Nagios Network Analyzer on a physical (non-virtualized) server
- Using a ramdisk
- Enabling rrdcache

Information on enabling these performance options can be found on the [Nagios Library](http://library.nagios.com) <http://library.nagios.com>.