Network Management & Monitoring

NAGIOS

Introduction

Network Monitoring Tools

➢ Availability

➢ Reliability

➢ Performance

Nagios actively monitors the availability of devices and services

Introduction

- Possibly the most used open source network monitoring software

- Web interface for viewing status, browsing history, scheduling downtime etc

- Sends out alerts via E-mail. Can be configured to use other mechanisms, e.g. SMS

Example: Service Detail view

Features

Utilizes topology to determine dependencies.

- Differentiates between what is *down* vs. what is *unreachable*. Avoids running unnecessary checks and sending redundant alarms

Allows you to define how to send notifications based on combinations of:

- Contacts and lists of contacts
- Devices and groups of devices
- Services and groups of services
- Defined hours by persons or groups.
- The state of a service.

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