

Nagios – System & Network Monitoring (3 Days)

By Vishwanath Rao

Day 1

Monitoring Services

- * Terminology
- * Network Security
- * Network Monitoring Tools * System Requirements

Nagios Terminology

- * Host Checks & Service Checks * Hostgroups
- * Contacts
- * Contactgroup
- * Notifications
- * State types * SOFT, HARD
- * Time periods
- * Event Handlers
- * Addons & Plugins

Nagios Installation and Configuration * Nagios Dependencies

- * Installing of Nagios
- * Nagios Configuration
- * Object Configuration
- * CGI Configuration
- * Authentication Using htpasswd

Day 2

Network Monitoring Using Nagios

- * Monitoring Network Devices
- * Publicly Enabled Service (HTTP, FTP etc.)
- * Hostgroup Configuration
- * Servicegroup Configuration
- * Check Scheduling
- * Event Handlers

- * Runtime Modification of Nagios Parameters

[?] Notifications & Logging

- * Sending Notification via E-mail
 - * Scheduling the Notification
 - * Host and Service Dependencies
 - * Network Diagram by Nagios
 - * Flapping Service Detection
 - * Volatile Services
-

[?] Nagios Remote Plugin Executor

Day 3

Nagios – System & Network Monitoring

- * Installation and Configuration of NRPE
- * Monitoring Local Resource from Remote Nagios Server
- * check_nrpe plugin
- * Xinetd Modification for NRPE

[?] Nagios Plugins

- * Basic Plugins using Shellscrips
- * Defining Nagios Commands
- * Plugin Return Codes
- * Text Output from the Plugin

[?] NSClient ++

- * Installation of NSClient++
- * check_nt plugin
- * check_nt definition
- * Monitoring Local Process of Windows