

1. Record Nr.	UNINA9910787833103321
Autore	Kocjan Wojciech
Titolo	Learning Nagios 4 : learn how to set up Nagios 4 in order to monitor your systems efficiently / / Wojciech Kocjan ; cover image by Francesco Langiulli
Pubbl/distr/stampa	Birmingham, England : , : Packt Publishing, , 2014 ©2014
ISBN	1-78328-865-5
Edizione	[Second edition.]
Descrizione fisica	1 online resource (400 p.)
Collana	Community Experience Distilled
Disciplina	004.6
Soggetti	Computer networks - Monitoring Computer networks - Management - Automation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cover; Copyright; Credits; About the Author; About the Reviewers; www.PacktPub.com; Table of Contents; Preface; Chapter 1: Introducing Nagios; Understanding the basics of Nagios; The benefits of monitoring resources; Main features; Soft and hard states; What's new in Nagios 4.0; Summary; Chapter 2: Installing Nagios 4; Installation; Upgrading from previous versions; Installing prerequisites; Obtaining Nagios; Setting up users and groups; Compiling and installing Nagios; Compiling and installing Nagios plugins; Setting up Nagios as a system service Resolving error with script for Nagios system serviceConfiguring Nagios; Creating the main configuration file; Understanding macro definitions; Configuring hosts; Configuring host groups; Configuring services; Configuring service groups; Configuring commands; Configuring time periods; Configuring contacts; Configuring contact groups; Verifying the configuration; Understanding notifications; Templates and object inheritance; Summary; Chapter 3: Using the Nagios Web Interface; Setting up the web interface; Configuring the web server; Creating an administrative user for Nagios Accessing the web interfaceTroubleshooting; Using the web interface; Checking the tactical overview; Viewing the status map; Managing hosts; Checking statuses; Viewing host information; Managing services;

Checking statuses; Viewing service information; Managing downtimes; Checking downtimes statuses; Scheduling downtimes; Managing comments; Nagios information; Viewing process Information; Checking performance information; Generating reports; Changing the look of the Nagios web interface; Third-party Nagios web interfaces; Summary; Chapter 4: Using the Nagios Plugins
Understanding how checks workMonitoring using the standard network plugins; Testing the connection to a remote host; Testing the connectivity using TCP and UDP; Monitoring the e-mail servers; Checking the POP3 and IMAP servers; Testing the SMTP protocol; Monitoring network services; Checking the FTP server; Verifying the DHCP protocol; Monitoring the Nagios process; Testing the websites; Monitoring the database systems; Checking MySQL; Checking PostgreSQL; Checking Oracle; Checking other databases; Monitoring the storage space; Checking the swap space; Monitoring disk status using SMART
Checking the disk spaceTesting the free space for remote shares; Monitoring the resources; Checking the system load; Checking the processes; Monitoring the logged-in users; Monitoring other operations; Checking for updates with APT; Monitoring the UPS status; Gathering information from the lm-sensors; Using the dummy check plugin; Manipulating other plugins' output; Additional and third party plugins; Monitoring the network software; Using third-party plugins; Summary; Chapter 5: Advanced Configuration; Creating maintainable configurations; Configuration the file structure
Defining the dependencies

Sommario/riassunto

This book will introduce Nagios to readers who are interested in monitoring their systems. All the concepts in the book are explained in a simplified manner, presented in an easy-to-understand language with lots of tips, tricks, and illustrations. This book is great for system administrators interested in using Nagios to monitor their systems. It will also help professionals who have already worked with earlier versions of Nagios to understand the new features of Nagios 4 and provides usable solutions to real-life problems related to Nagios administration. To effectively use this book, system
