1.	Record Nr.	UNINA9910822842403321
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	Titolo	Nagios Core administration cookbook : over 90 hands-on recipes that will employ Nagios Core as the anchor of monitoring on your network / / Tom Ryder
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	ISBN	1-78588-313-5
	Edizione	[2nd ed.]
	Descrizione fisica	1 online resource (386 p.)
	Collana	Quick answers to common problems
	Soggetti	Computer networks - Management
	Lingua di pubblicazione	Inglese
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	Note generali	Includes index.
	Nota di contenuto	Cover; Copyright; Credits; About the Author; About the Reviewer; www. PacktPub.com; Table of Contents; Preface; Chapter 1: Understanding Hosts, Services, and Contacts; Introduction; Creating a new network host; Creating a new HTTP service; Creating a new e-mail contact; Verifying configuration; Creating a new hostgroup; Creating a new servicegroup; Creating a new contactgroup; Creating a new time period; Running a service on all hosts on a group; Chapter 2: Working with Commands and Plugins; Introduction; Finding a plugin; Installing a plugin; Removing a plugin; Creating a new command
		Customizing an existing commandUsing an alternative check command for hosts; Writing a new plugin from scratch; Implementing threshold checks in a plugin; Using macros as environment variables in a plugin; Chapter 3: Working with Checks and States; Introduction; Specifying how frequently to check a host or service; Changing thresholds for PING RTT and packet loss; Changing thresholds for disk usage; Scheduling downtime for a host or service; Managing brief outages with flapping; Adjusting flapping percentage thresholds for a service; Chapter 4: Configuring Notifications; Introduction
		Configuring notification periodsConfiguring notifications for groups; Choosing states for notification; Specifying the number of failed checks before notification; Automating contact rotation; Defining an escalation for repeated notifications; Defining a custom notification method; Filtering notifications based on a host or service value; Chapter 5:

Monitoring Methods; Introduction; Monitoring PING for any host; Monitoring SSH for any host; Checking an alternative SSH port; Monitoring mail services; Monitoring web services; Checking that a website returns a given string

Monitoring database servicesMonitoring the output of an SNMP query; Monitoring a RAID or other hardware device; Creating an SNMP OID for monitoring; Chapter 6: Enabling Remote Execution; Introduction; Monitoring local services on a remote machine with NRPE; Setting the listening address for NRPE; Setting allowed client hosts for NRPE; Creating new NRPE command definitions securely; Giving limited sudo (8) privileges to NRPE; Using check_by_ssh with key authentication instead of NRPE; Using check_mk instead of NRPE; Chapter 7: Using the Web Interface; Introduction; Using the Tactical Overview

Viewing and interpreting availability reportsViewing and interpreting trends; Viewing and interpreting notification history; Adding comments on hosts or services in the web interface; Viewing configuration in the web interface; Scheduling checks from the web interface; Acknowledging a problem via the web interface; Chapter 8: Managing Network Layout; Introduction; Creating a network host hierarchy; Using the network map; Choosing icons for hosts; Establishing a host dependency; Establishing a service dependency; Monitoring individual nodes in a cluster; Using the network map as an overlay

Chapter 9: Managing Configuration

| Sommario/riassunto | Over 90 hands-on recipes that will employ Nagios Core as the anchor of monitoring on your network About This Book Master the advanced configuration techniques of Nagios Core to model your network better by improving hosts, services, and contacts Filter and improve the notifications that Nagios Core sends in response to failed checks, which can greatly assist you when diagnosing problems Pull Nagios Core's data into a database to write clever custom reports of your own devise Who This Book Is For If you are a network or system administrator and are looking for instructions and examples on working with Nagios Core, then this book is for you. Some basic shell command-line experience is required, and some knowledge of scripting would be helpful when we discuss how plugins work. What You Will Learn Manage the configuration of Nagios Core with advanced techniques to achieve fine detail in your checks Find, install, and even write your own check plugins Filter notifications to send them to the right people or programs at the right time Work around difficult network accessibility issues and delegate checks to other machines Tweak a Nagios Core server to achieve both high performance and redundancy in case of disaster Process the results of checks performed by other machines to monitor backups and similar processes Extend Nagios Core to allow advanced scripting, reporting, and network visualization behavior In Detail Nagios Core is an open source monitoring framework suitable for any network that ensures both internal and customer-facing services are running correctly and manages notification and reporting behavior to diagnose and fix outages promptly. It allows very fine configuration of exactly when, where, what, and how to check network services to meet both the uptime goals of your network and systems team and the needs of your users. This book shows system and network administrators how to use Nagios Core to its fullest as a monitoring framework for checks on any kind of network services, from the smallest home network to much larger production multi-site services. You will discover that Nagios Core is capable of doing much more than pinging a host or to see whether websites respond. The recipes in this book will demonstrate how to leverage Nagios Core's advanced configuration, scripting hooks, reports, data retrieval, and extensibility |