

1. Record Nr.	UNINA9910808641503321
Autore	Van der Walt Dirk
Titolo	FreeRADIUS beginner's guide : manage your network resources with FreeRADIUS // Dirk van der Walt
Pubbl/distr/stampa	Birmingham [U.K.] , : Packt Pub. Ltd., 2011
ISBN	1-283-30815-0 9786613308153 1-84951-409-7
Edizione	[1st edition]
Descrizione fisica	1 online resource (777 p.)
Disciplina	004.6 004.62
Soggetti	Computer networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Learn by doing : less theory, more results"--Cover. Includes index.
Nota di bibliografia	Includes index.
Nota di contenuto	Table of Contents; FreeRADIUS; FreeRADIUS; Credits; About the Author; About the Reviewers; www.PacktPub.com; Support files, eBooks, discount offers, and more; Why Subscribe?; Free Access for Packt account holders; Preface; What this book covers; What you need for this book; Who this book is for; Conventions; Time for action - heading; What just happened?; Pop quiz - heading; Have a go hero - heading; Reader feedback; Customer support; Errata; Piracy; Questions; 1. Introduction to AAA and RADIUS; Authentication, Authorization, and Accounting; Authentication; Authorization; Accounting; RADIUS RADIUS protocol (RFC2865)The data packet; Code; Identifier; Length; Authenticator; Attributes; Conclusion; AVPs; Type; Length; Value; Vendor-Specific Attributes (VSAs); Proxying and realms; RADIUS server; RADIUS client; RADIUS accounting (RFC2866); Operation; Packet format; Acct-Status-Type (Type40); Acct-Input-Octets (Type42); Acct-Output-Octets (Type43); Acct-Session-Id (Type44); Acct-Session-Time (Type46); Acct-Terminate-Cause (Type49); Conclusion; RADIUS extensions; Dynamic Authorization extension (RFC5176); Disconnect-Message (DM); Change-of-Authorization Message (CoA) RADIUS support for EAP (RFC3579)FreeRADIUS; History; Strengths;

Weaknesses; The competition; Summary; Pop quiz - RADIUS knowledge; 2. Installation; Before you start; Pre-built binary; Time for action - installing FreeRADIUS; What just happened?; Advantages; Extra packages; Available packages; CentOS; SUSE; Ubuntu; Special considerations; Remember the firewall; CentOS; SUSE; Have a go hero - installing from source; Building from source; Advantages of building packages; CentOS; Time for action - building CentOS RPMs; What just happened?; Installing rpm-build; The source RPM package The package name Updating an existing installation; SUSE; Time for action - SUSE: from tarball to RPMs; Adding an OpenSUSE repository; What just happened?; zypper or yast -i; Tweaks done by hand; Ubuntu; Time for action - Ubuntu: from tarball to debs; What just happened?; Installing dpkg-dev; Using build-dep; fakeroot; dpkg-buildpackage; Installing the debs; For those preferring the old school; Installed executables; Running as root or not; Dictionary access for client programs; Ensure proper start-up; Summary; Pop quiz - installation; 3. Getting Started with FreeRADIUS; A simple setup Time for action - configuring FreeRADIUS What just happened?; Configuring FreeRADIUS; Clients; Sections; Client identification; Shared secret; Message-Authenticator; Nastype; Common errors; Users; Files module; PAP module; Users file; Check items; Reply items; Operators; Substitution; DEFAULT user; Login-Time; Simultaneous-Use; Framed-IP-Address; Radtest; Helping yourself; Installed documentation; Man pages; Time for action - discovering available man pages for FreeRADIUS; dpkg systems; rpm systems; radtest revisited; Radclient; What just happened? Have a go hero - adding more AVPs to the auth request

Sommario/riassunto

Manage your network resources with FreeRADIUS by mastering authentication, authorization and accounting.
