



Cisco IOS Security: Secure Connectivity Features in Cisco IOS Release 12.2(33)XNE

This document provides a list of Cisco IOS Security: Secure Connectivity features that have migrated from Cisco IOS Release 12.2(33)SB to Cisco IOS Release 12.2(33)XNE. Links to the feature documentation are included.

Feature guides may contain information about more than one feature. To find information about a specific feature within a feature guide, see the Feature Information table at the end of the guide.

Feature guides document features that are supported on many different software releases and platforms. Your Cisco IOS software release or platform may not support all the features documented in a feature guide. See the Feature Information table at the end of the feature guide for information about which features in that guide are supported in your software release. Use Cisco Feature Navigator to find information about platform support and Cisco IOS and Catalyst OS software image support. To access Cisco Feature Navigator, go to <http://www.cisco.com/go/cfn>. An account on Cisco.com is not required.

For the latest feature information and caveats, see the release notes for your platform and software release at the following URL: http://www.cisco.com/en/US/docs/ios/12_2sb/release/notes/122XN.html

See the following sections for a list of features:

- [Software Features in Cisco IOS Release 12.2\(33\)XNE, page 1](#)

Software Features in Cisco IOS Release 12.2(33)XNE

Certificate - Auto Enrollment

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_cert_enroll_pk_i.html

Certificate - ISAKMP Profile Mapping

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_cert_isakmp_map.html



Americas Headquarters:
Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA

Certificate - Security Attribute-Based Access Control

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_cfg_auth_rev_cert.html

Certificate - Storage Location Specification

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_store_pki_cred.html

Crypto Conditional Debug Support

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_crypto_debug_sup.html

Distinguished Name Based Crypto Maps

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_dist_nm_crypto.html

Easy VPN Client RSA - Signature Support

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_easy_vpn_rsa.html

Easy VPN Phase 5.0

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_easy_vpn_rem.html

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_easy_vpn_srvr.html

Easy VPN Phase 6

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_easy_vpn_rem.html

EasyVPN Server Enhancements

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_easy_vpn_srvr.html

Exporting and Importing RSA Keys

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_deploy_RSA_pki.html

IKE - Initiate Aggressive Mode

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_ike_12_2_8.html

IPSec SA Idle Timers

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_ipsec_idle_timers.html

IPsec VPN Monitoring

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_ip_security_vpn.html

Key Rollover for Certificate Renewal

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_cert_enroll_pki.html

Manual certificate enrollment (TFTP and cut-and-paste)

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_cert_enroll_pki.html

Manual Certificate Enrollment via TFTP

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_cert_enroll_pki.html

Multiple RSA Keypair Support

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_deploy_RSA_pki.html

OCSP (Online Certificate Status Protocol)

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_cfg_auth_rev_cert.html

Optional OCSP Nonce

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_cfg_auth_rev_cert.html

Persistent Self-Signed Certificates

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_cert_enroll_pki.html

PKI AAA Authorization Using the Entire Subject Name

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_cfg_auth_rev_cert.html

Pre-fragmentation For Ipsec VPNs

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_pre_frag_vpns.html

Protected Private Key Storage

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_deploy_RSA_pki.html

Query Mode Definition Per Trustpoint

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_cfg_auth_rev_cert.html

Query Multiple Servers during Certificate Revocation Check

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_cfg_auth_rev_cert.html

Real-time Resolution for IPsec Tunnel Peer

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_realtime_ipsec.html

Re-Enroll Using Existing Certificate

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_cert_enroll_pki.html

Reverse Route Injection (RRI)

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_rev_rte_inject.html

Trusted Root Certification Authority

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_cfg_cert_auth_io_OBS.html

Trustpoint CLI

http://www.cisco.com/en/US/docs/ios/sec_secure_connectivity/configuration/guide/sec_cert_enroll_pki.html

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