



Cisco Configuration Professional

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Cisco Configuration Professional (CCP)

Intuitive device management GUI for easily configuring access routers

- Windows Based Application
- GUI based
- Device Management tool for access routers (ISR and ISR-G2)
- Unified GUI
 - Security, Unified Communications (CCME, SRST)
 - License Management
 - Application Management
- Valuable productivity enhancing tool for network administrators and channel partners for deploying routers with increased confidence and ease.
- Free Download:
www.cisco.com/go/ciscocp

The screenshot displays the Cisco Configuration Professional (CCP) application window. The top menu bar includes 'Application' and 'Help'. Below the menu bar, there are tabs for 'Home', 'Configure', and 'Monitor'. The 'Home' tab is selected, showing a 'Select Community Member' dropdown menu with the value '128.107.146.205'. The main content area is titled 'Home > Community View'. It features a left-hand navigation pane with a tree structure containing folders like 'Interface Management', 'Router', 'Security', 'Voice', and 'Utilities'. The 'Security' folder is expanded, showing sub-items like 'Security Audit', 'Firewall and ACL', 'ACL Editor', 'VPN', 'VPN Components', 'AAA', and 'Advanced Security'. The main pane displays 'Cisco Configuration Professional News' with a table of news items. Below the news, there is a 'Community Information' section with a 'Selected Community: New Community' message. A table lists discovered devices with columns for 'IP address / Hostname', 'Router Hostname', 'Connection Type', and 'Discovery Status'. The table shows two rows of data. At the bottom of the window, there are buttons for 'Manage Devices', 'Delete', 'Discover', 'Discovery Details', 'Cancel Discovery', and 'Router Status'.

Date	Title
25-Jan-2010	Cisco Configuration Professional v2.1 is now available
25-Jan-2010	Simplify ISR & ISR G2 deployments with CCP v2.1

IP address / Hostname	Router Hostname	Connection Type	Discovery Status
172.27.108.23	CCP-2951	Non secure	Discovered
128.107.146.205	2811shankar	Non secure	Discovered with warnings

Cisco Configuration Professional (CCP) Reduces Total Cost of Ownership



- **Productivity:**
 - System Up and running quickly
- **Simplicity:**
 - Intuitive wizards and screens
- **Cost Savings:**
 - Low learning curve for technician
- **Reliability:**
 - Cisco approved configurations
- **Increased Uptime:**
 - Easy-to-comprehend charts for troubleshooting & monitoring

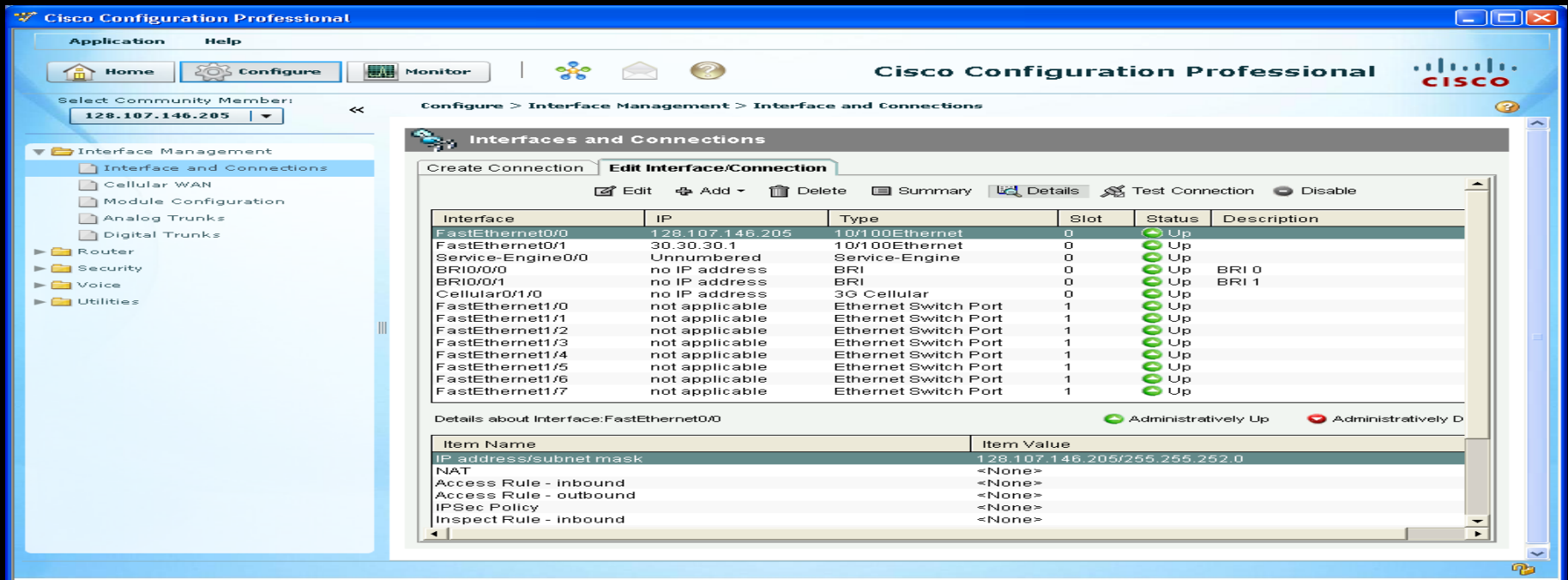
Cisco Configuration Professional Overview

Supports configuration of advanced technology deployment on ISRs and ISR-G2 through a single integrated tool

- Simplifies routing, firewall, IPS, VPN, unified communications, WAN and LAN configuration through GUI based easy-to-use wizards.
- Monitors router status and troubleshoots WAN and VPN connectivity issues.
- Smart wizards for routing and security configuration
- License management for ISR-G2
- Cisco Configuration Professional Express
 - A light-weight version of Cisco Configuration Professional
 - Router Flash
 - LAN and WAN Interfaces



Interface Management



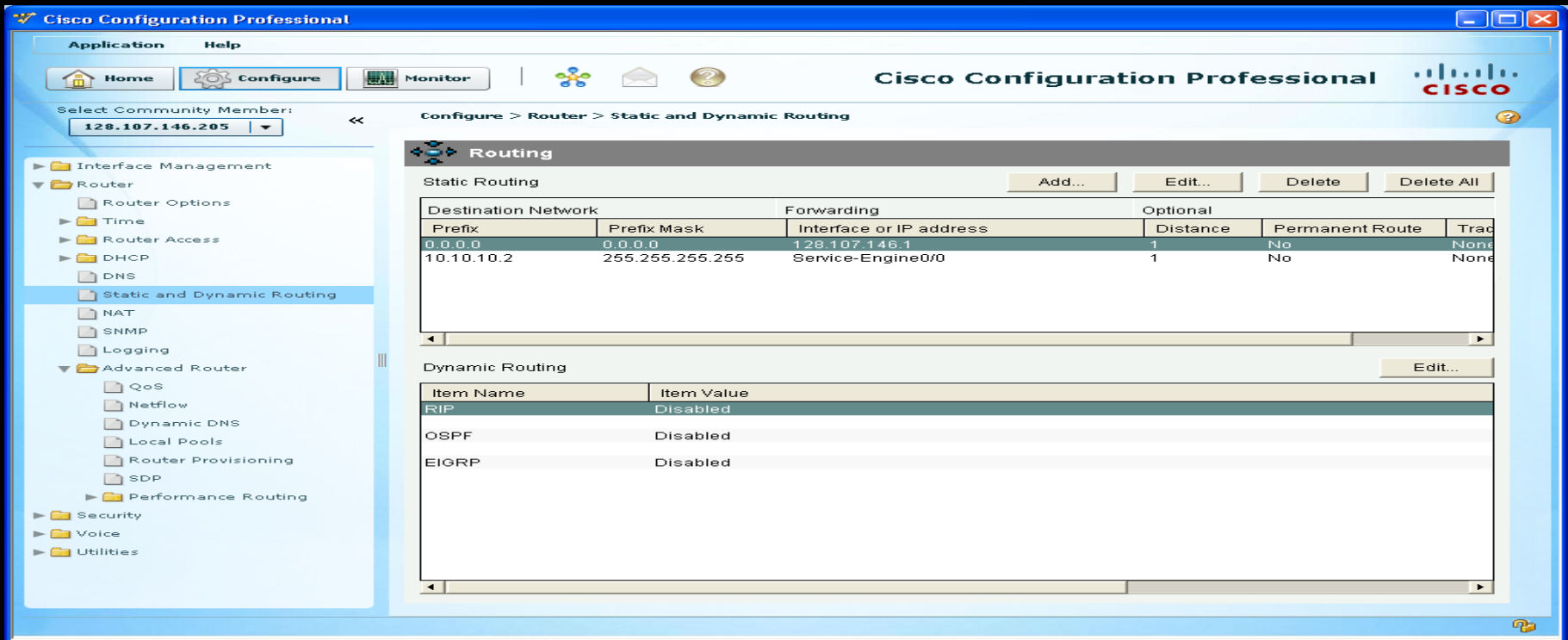
Interfaces Supported

- LAN
- WAN
- Wireless LAN
- Cellular WAN (3G)
- Power Management (Energy wise)
- Analog Trunks
- Digital Trunks

Module Configuration

- SRE Management support
- Application install/uninstall
- Applications image upgrade
- Applications supported
 - WAAS
 - Cisco Unity Express
 - Application Extension Platform
 - Video Surveillance

Router



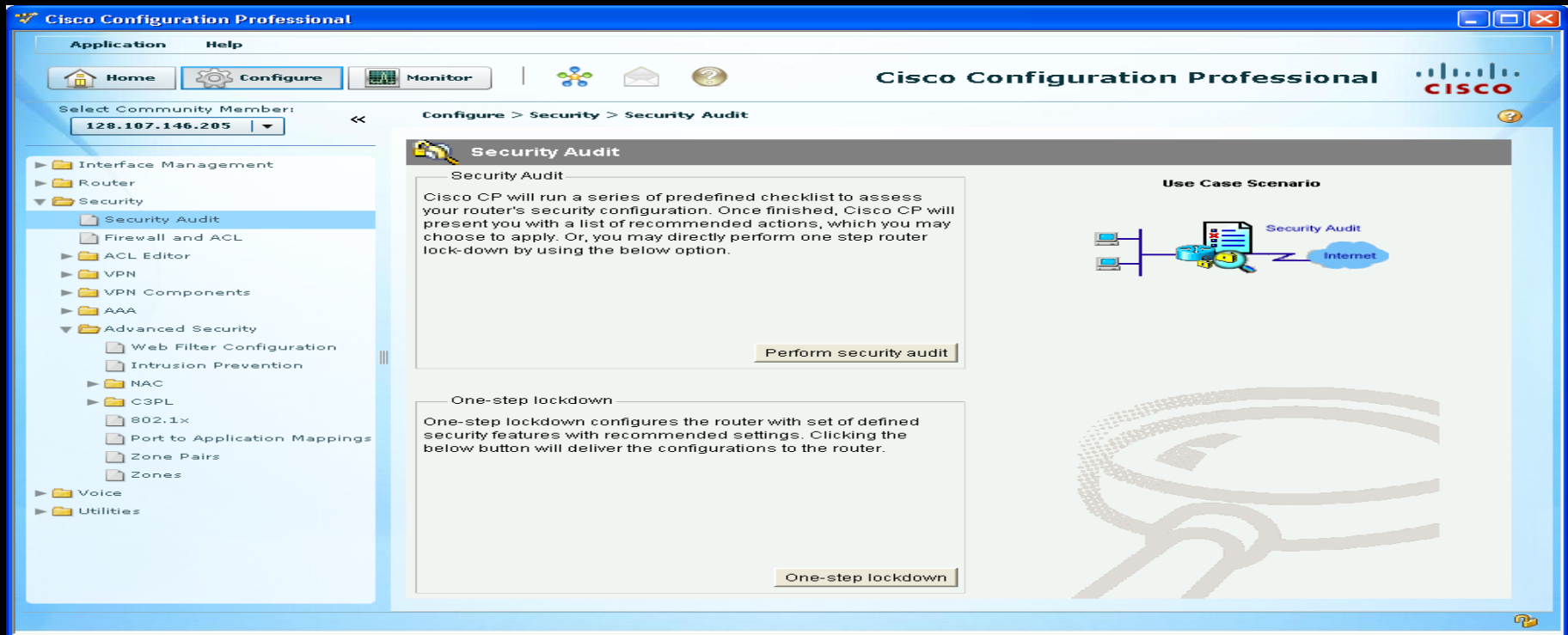
Basic Router Functionalities:

- Hostname
- Username, Password
- DHCP, DNS
- NAT
- Static Routing
- Dynamic Routing (RIP, OSPF, EIGRP)

Advanced Functionalities

- QoS
- Performance Routing (PFR)

Security



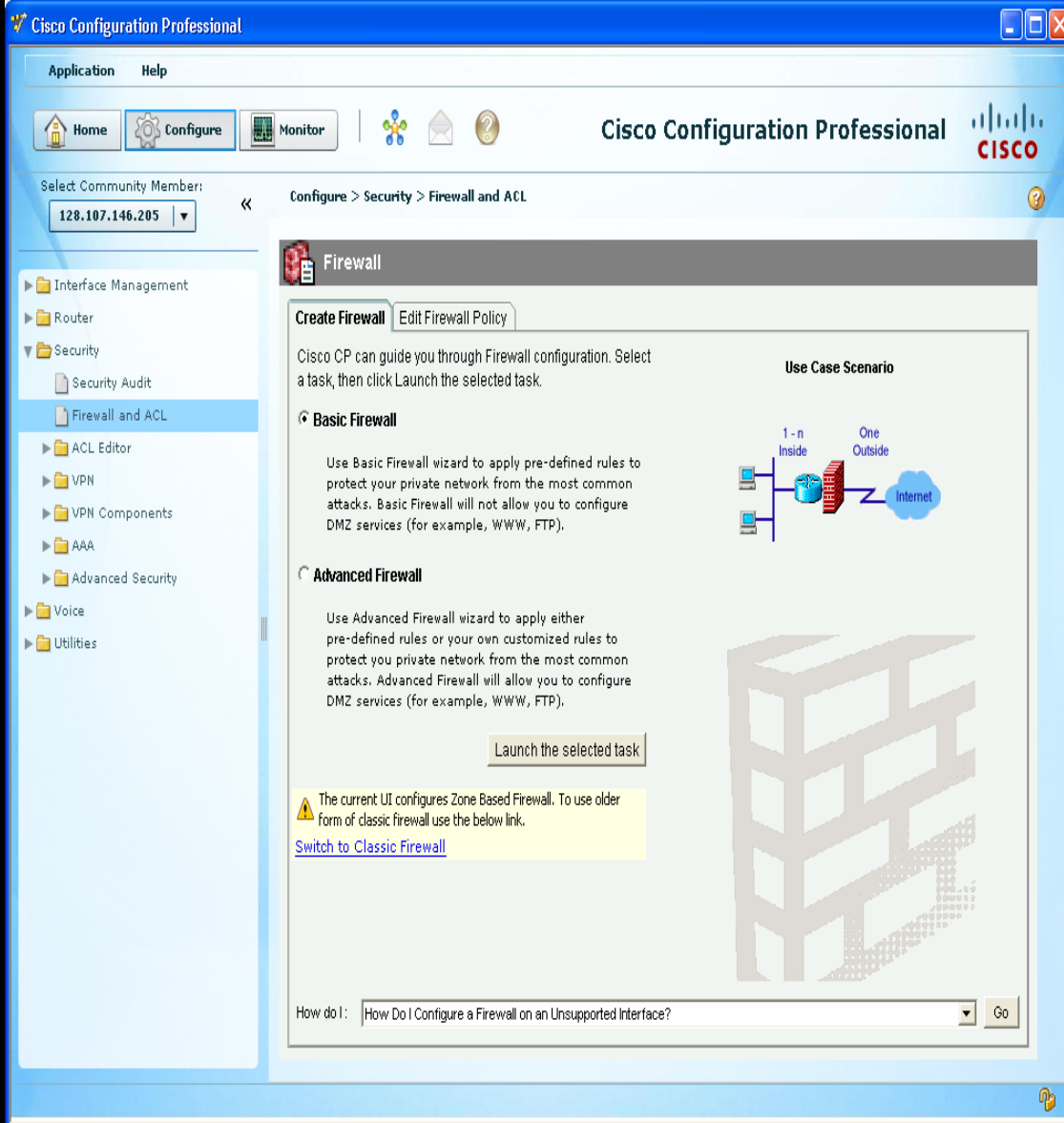
Security Functionalities:

- One step router lockdown
- Security audit of the router
- Firewall (Zone Based and CBAC)
- VPN

Advanced Functionalities

- Intrusion Prevention System (IPS)
- Content Filtering

Firewall Support



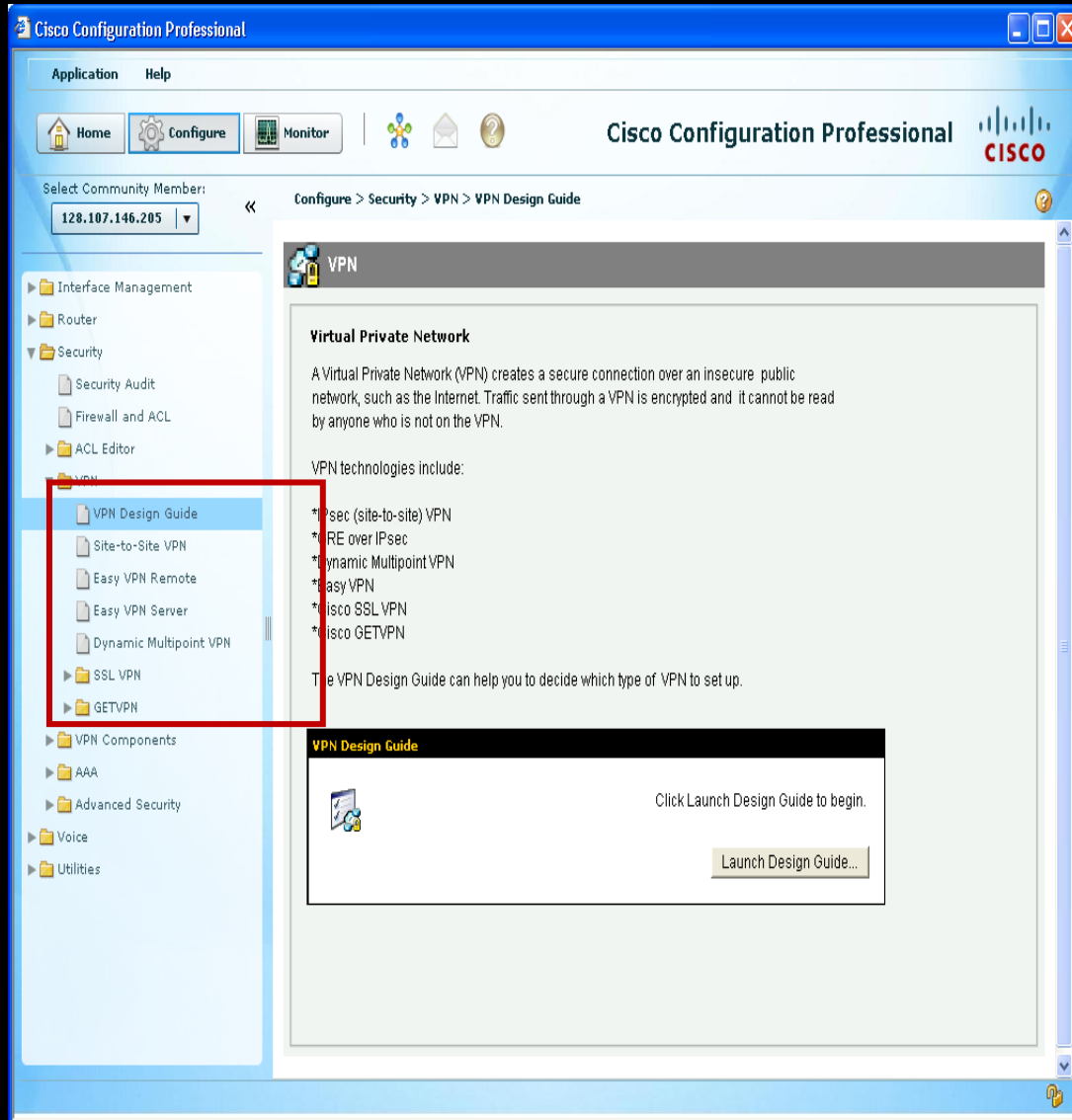
➤ Wizards to configuring a basic/advanced firewall.

➤ Change individual parameters in the edit mode.

➤ Add a rule to configure ALG (Application level gateway) rules or AIC (Application inspection Control) rules or otherwise know as deep packet inspection.

➤ Advanced users have the option of using the options provided under C3PL (Cisco Common Classification Engine Policy Language) to configure class maps and policy maps

VPN Support



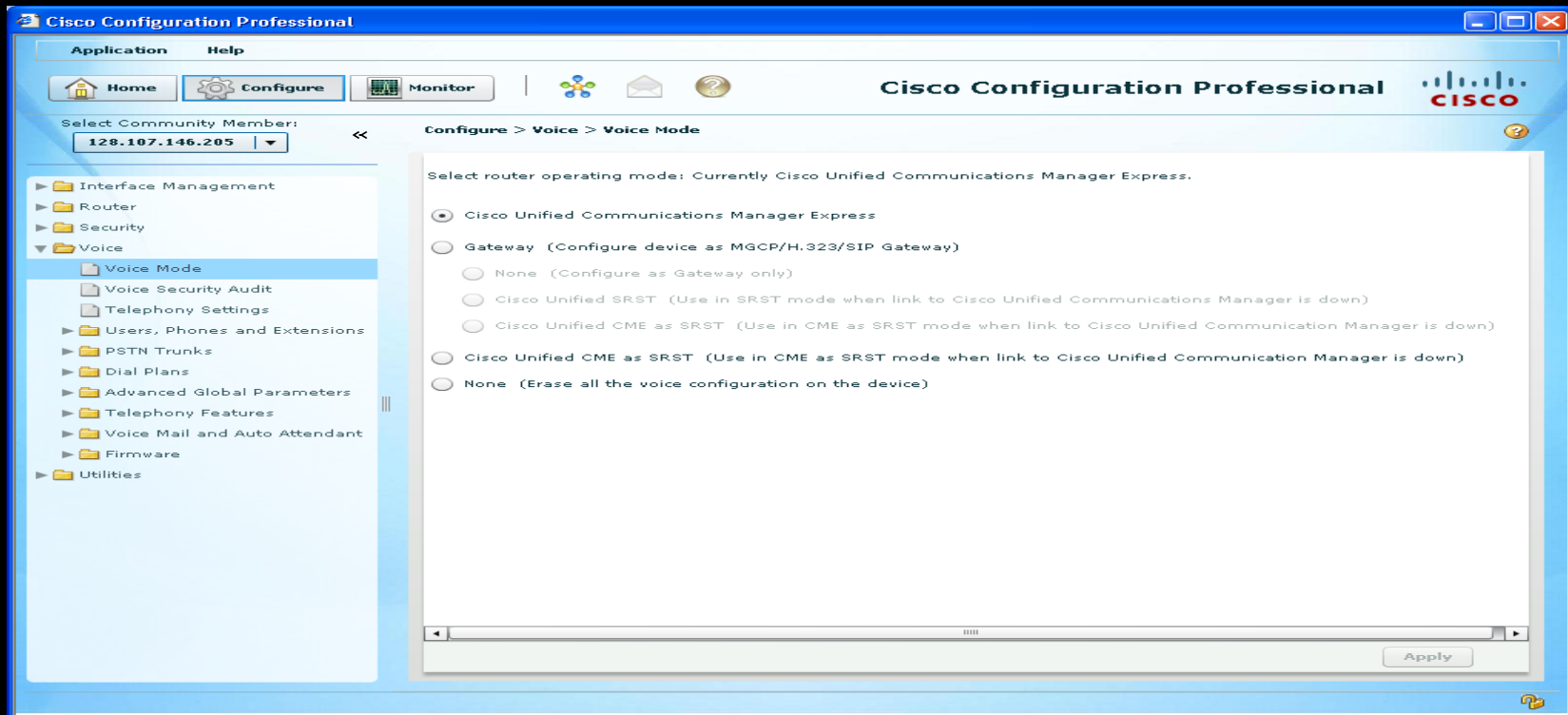
➤ Configure different types of VPNs

➤ Supports Virtual Tunnel Interface configuration for Easy VPN.

➤ As part of Site to Site IPsec VPN allows one to generate a mirror configuration which can be applied to the peer device to complete the configuration.

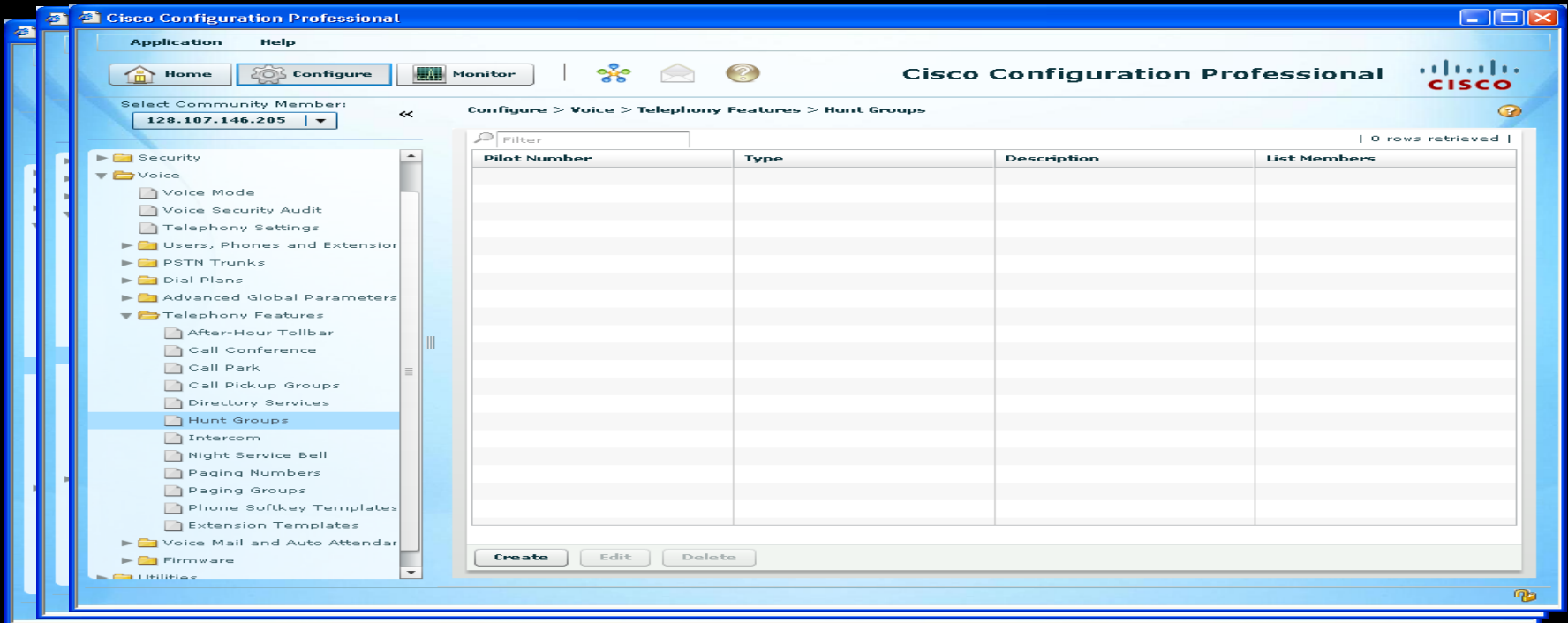
➤ The VPN design guide helps you identify which VPN option is best for your deployment based on end user requirements

Voice



- Unified Communications (Voice) Modes Supported
 - CME : Cisco Unified Communications Manager Express
 - Gateway to Cisco Unified Communications Manager : Options to add SRST or CME as SRST
 - CME as SRST

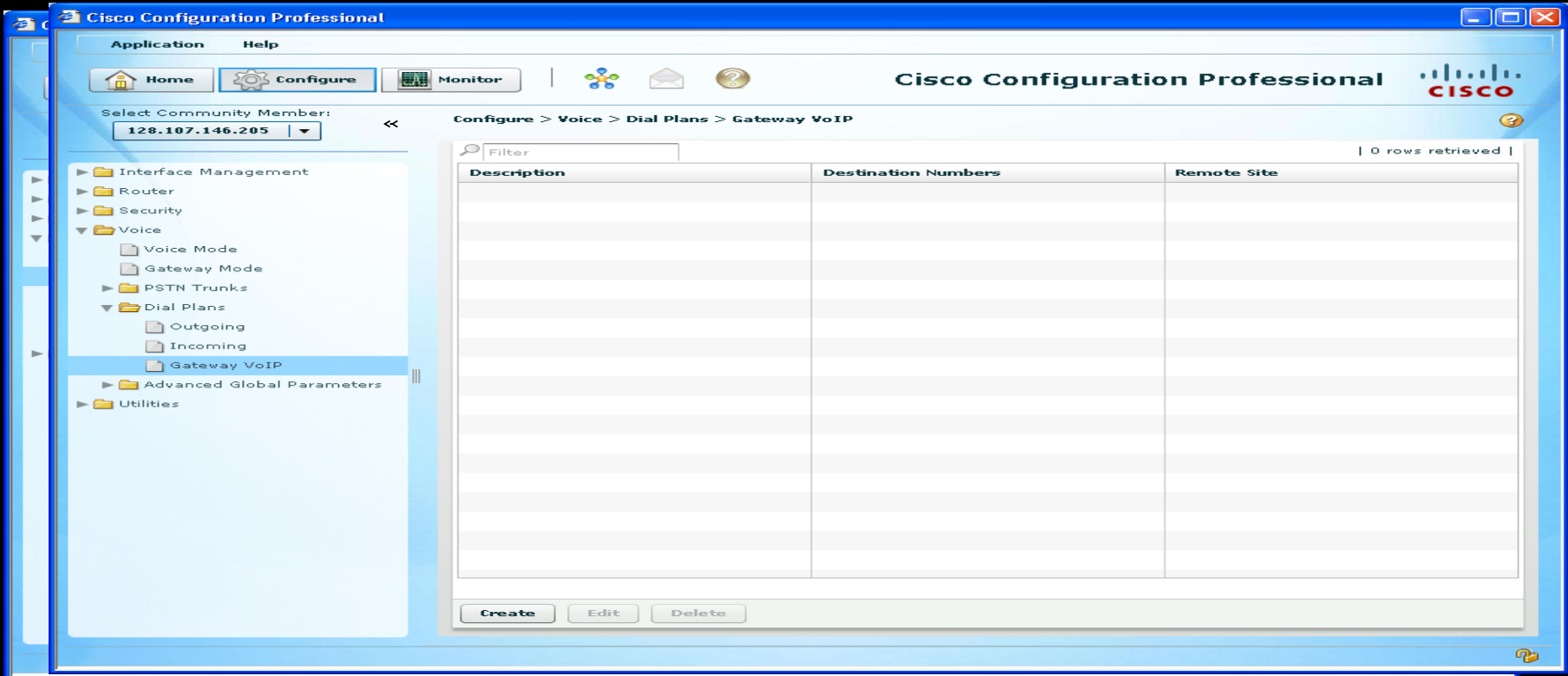
Cisco Unified Communications Manager Express Mode



CME Mode

- Creation of Users, Phones, Extensions and Mailboxes
- Analog and Digital Trunks
- Dial Plans
- Telephony Features: Intercom, Hunt Group , Call Park, Pickup group, Conferencing....
- Phone Firmware Support

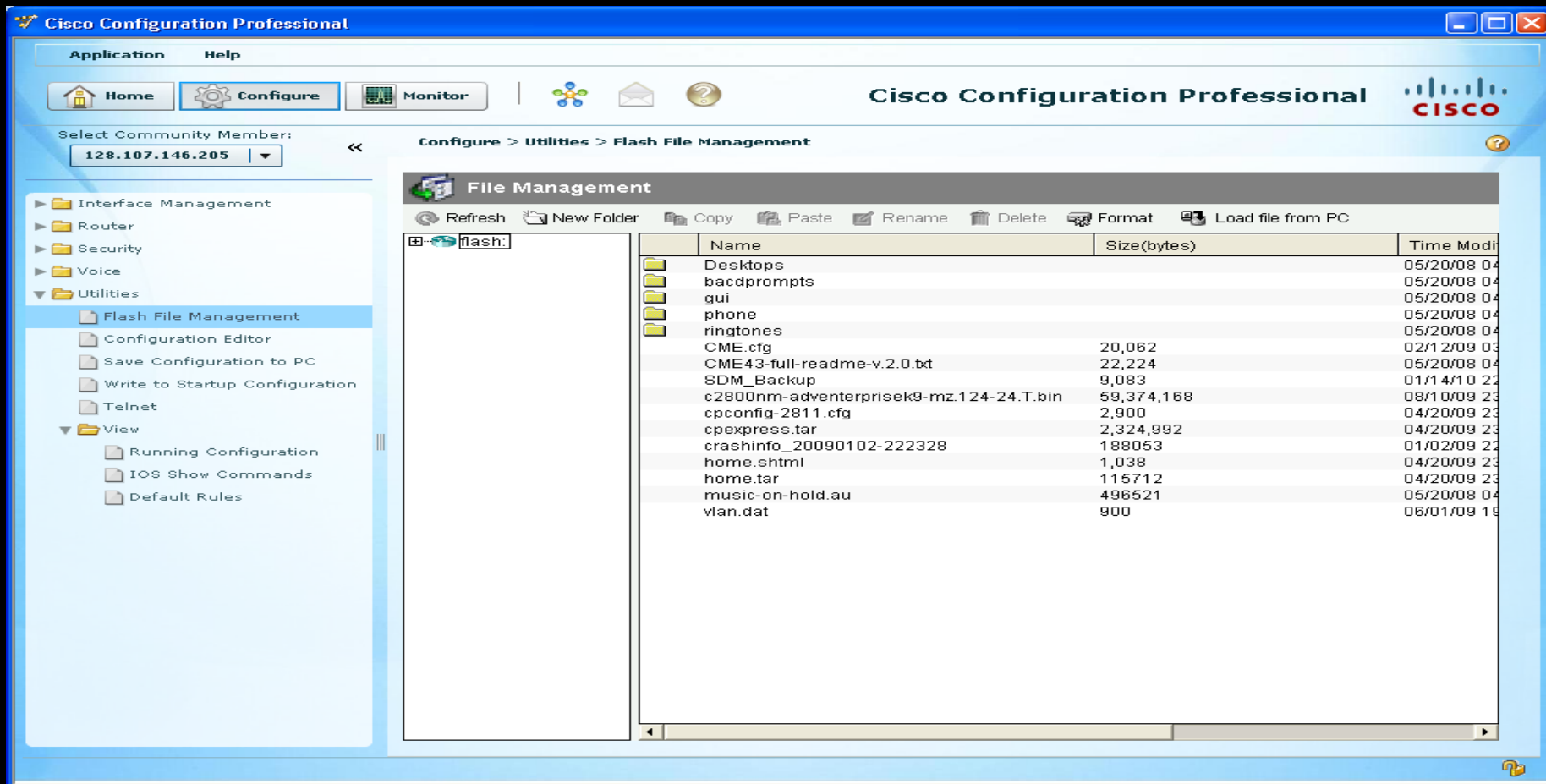
Gateway to Cisco Unified Communications Manager Mode



Gateway Mode

- SIP, H.323 or MGCP Gateway to Communications Manager
- Additional Configuration Options include
 - Add SRST
 - Add CME as SRST

Utilities

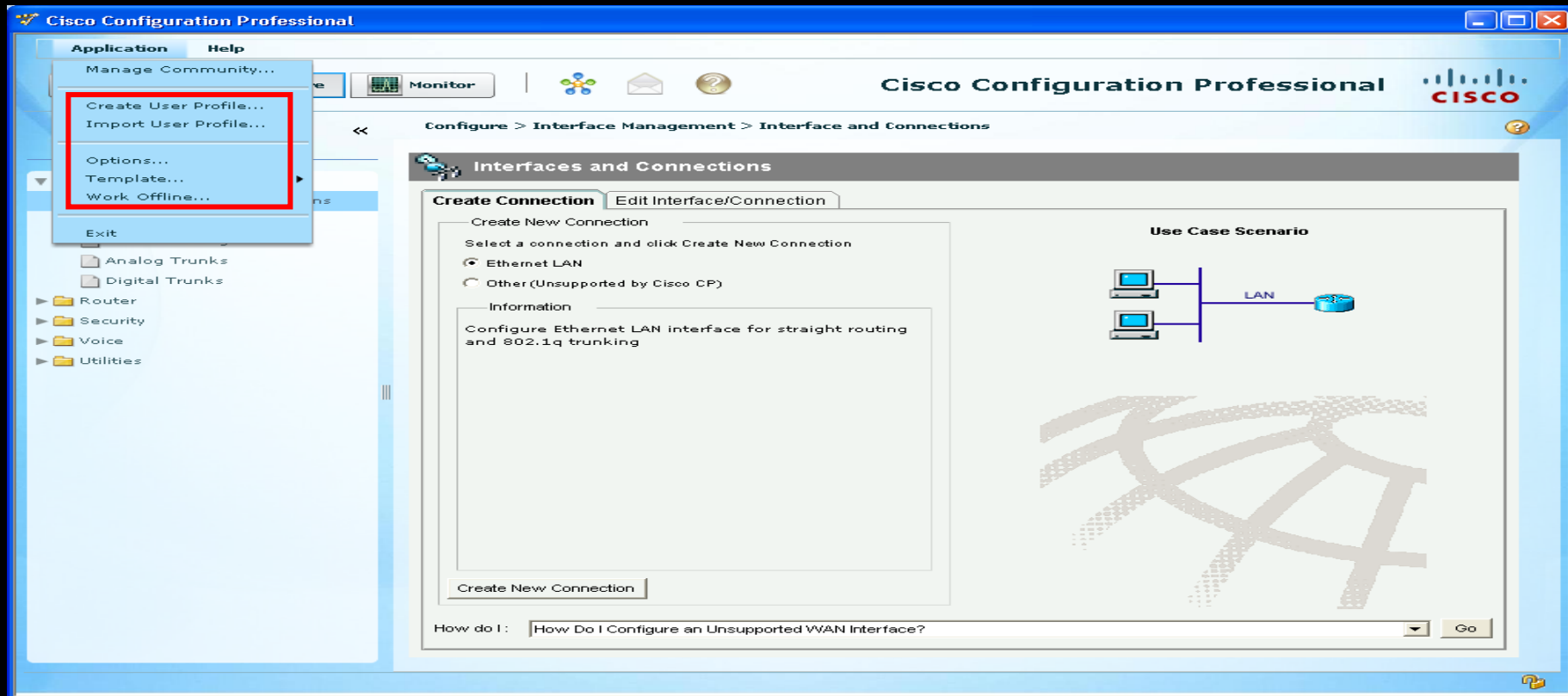


The screenshot shows the Cisco Configuration Professional (CCP) interface. The title bar reads "Cisco Configuration Professional". Below the title bar is a menu bar with "Application" and "Help". A toolbar contains icons for Home, Configure, Monitor, and a question mark. The main header area displays "Cisco Configuration Professional" and the Cisco logo. The breadcrumb navigation shows "Configure > Utilities > Flash File Management". On the left, a tree view shows the navigation structure: Interface Management, Router, Security, Voice, Utilities (selected), Flash File Management (selected), Configuration Editor, Save Configuration to PC, Write to Startup Configuration, Telnet, View, Running Configuration, IOS Show Commands, and Default Rules. The main content area is titled "File Management" and shows a file browser for the "flash:" directory. It includes a toolbar with Refresh, New Folder, Copy, Paste, Rename, Delete, Format, and Load file from PC. A table lists the files and folders in the flash directory.

Name	Size(bytes)	Time Modified
Desktops		05/20/08 04
bacdprompts		05/20/08 04
gui		05/20/08 04
phone		05/20/08 04
ringtones		05/20/08 04
CME.cfg	20,062	02/12/09 03
CME43-full-readme-v.2.0.bt	22,224	05/20/08 04
SDM_Backup	9,083	01/14/10 22
c2800nm-adventerprisek9-mz.124-24.T.bin	59,374,168	08/10/09 23
cpconfig-2811.cfg	2,900	04/20/09 23
cpexpress.tar	2,324,992	04/20/09 23
crashinfo_20090102-222328	188053	01/02/09 22
home.shtml	1,038	04/20/09 23
home.tar	115712	04/20/09 23
music-on-hold.au	496521	05/20/08 04
vlan.dat	900	06/01/09 19

- Flash File Management
- Free Form Show Commands
- Configuration Editor
- Save Router Config

System Features



VBAC: Create a user profile to allow/disallow access to a screen

Templates: Use the template feature to deploy baseline configs to other routers

Offline Mode

CCP SKUs

Cisco Configuration Professional Part Number**	Description
CCP-CD ISR-CCP-CD	Cisco Configuration Professional software is shipped on a CD. Cisco Configuration Professional Express is also embedded in the flash of the router. A default router configuration file is placed in both the flash and NVRAM of the router.
CCP-CD-NOCF ISR-CCP-CD-NOCONF	Cisco Configuration Professional software is shipped on a CD. Cisco Configuration Professional Express is also embedded in flash of the router. A default router configuration file is placed in only the flash of the router. No default router configuration file is available in the NVRAM of the router.
CCP-EXPRESS ISR-CCP-EXP	Cisco Configuration Professional software is not shipped on a CD. Only Cisco Configuration Professional Express is embedded in flash of the router. A default router configuration file is placed in both the flash and NVRAM of the router.
CCP-EXPRESS-NOCF ISR-CCP-EXP-NOCONF	Cisco Configuration Professional CD is not shipped with the router. Cisco Configuration Professional Express is embedded in the flash of the router. A default router configuration file is available in only the flash of the router. No default router configuration file is available in the NVRAM of the router.

**Configurable option while ordering ISR.

Got Feedback?

The screenshot shows the Cisco Configuration Professional (CCP) web interface. The top navigation bar includes 'Application' and 'Help' tabs. The 'Help' dropdown menu is open, with 'Feedback...' highlighted by a red rectangle. Other options in the menu are 'Help Contents...' and 'About...'. Below the navigation bar, the 'Home' button is visible, and a 'Select Community Member' dropdown is set to '128.107.146.205'. The main content area is titled 'Home > Community View'. It features a 'Cisco Configuration Professional News' section with a table of recent updates. Below this is a 'Community Information' section with a filter input and a table of discovered devices.

Cisco Configuration Professional News

Date	Title
25-Jan-2010	Cisco Configuration Professional v2.1 is now available
25-Jan-2010	Simplify ISR & ISR G2 deployments with CCP v2.1

Community Information

Selected Community: **New Community** .Select a device from the table below. Use the buttons at the bottom to continue.

Filter | 1 rows retrieved |

IP address / Hostname	Router Hostname	Connection Type	Discovery Status
128.107.146.205	shankar	Non secure	Discovered with warnings

- Use the feedback link within CCP to send feedback to the product team
- Send an email to ccp-feedback@cisco.com