

Cisco Network Assistant



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CNA—The Solution for Many Business Needs

- Accelerate Network Turn-Up
- Simplify initial configuration
- Ensure Cisco recommended Security and QoS policies are right and enabled on day one
- Simplify ongoing management
- Simplify troubleshooting
- Optimize utilization of existing resources
- Reduce TCO (while ensuring the network is high performance, secure, reliable, and supports next generation applications that can be used for competitive advantage)



What is CNA?

PC based GUI interface for network...

- 1. Configuration
- 2. Monitoring
- 3. Troubleshooting
- 4. Optimization



"It's like a NOC in a PC"

CNA Benefits

1. Configuration: Saves time and ensures Cisco best practices are enabled. 2. Monitoring: Quickly view network topology and alerts—save time by getting a complete network view from one device.

Available for
Download to your PC

www.cisco.com/go/cna

3. Troubleshooting: Quickly isolate probable causes. CNA removes much of the initial guess work. 4. Optimization: Use real-time metrics and a topology view to assess optimization opportunities.

1. Configuration (of Switches)

CNA facilitates quick turn up with best practice configs

Key Features:

- Cisco Smartports—CCIE best practiced configuration roles
- Smartports Advisor—Prevents mis-configuration by detecting new devices and recommending appropriate rules
- Concurrent port configuration on multiple devices

WS-C2950-24	Modify Port Roles
SYSTEM- RPS 1x 2x 3x 4x 5x 6x 7x 8x 9x 10x 11x 12x 13x 14x 15x 16x STAT DUPLX SPEED	Interface: Multiple
	Role: 🕼 IP Phone+Desktop 🚩
WS-C2950G-24-EI lx 3x 5x 7x 9x 1bx SYSTEM- BPS STAT DUPLX SPEED 2x 4x 6x 8x 10x 12x 14x 16x 18x 20x 22x 24x	Attributes Access VLAN: default (1) Voice VLAN: VLAN0002 (2) V
SYSTEM - RPS STAT DUPLX SPEED 2x 4x 6x 8x 10x 12x	OK Cancel Help Original value:

1. Configuration—of Network Attached Devices (like Access Points)



Secure wireless devices by configuring SSID and encryption

	Secure Wireless									
094C31B4B SEP003094C31	Devices		Hostname: ap 💌							
	SSIDs	SSIDs								
	SSID	VLAN	Security	Encryption	Authentication					
3550-pwr		Create	e SSID							
		SSID:			Broadcast in Beacon					
		VLAN [1-	4095]: Select or En	ter a VLAN ID 🛛 🔊	🖊 🗌 Native VLAN					
		Securi	ty Settings							
ap				ourity: No Security						
				ncryption: none uthentication: oper						
			~	autenacauon: oper	1					
W			ОК	Cancel H	lelp					
		OK Apply	Refresh	Cancel Help)					

2. Monitoring Simplified

- Topology and front panel views
- Device discovery
- Report key metrics
- Port Statistics
- Network inventory
- VLAN highlighting
- Bandwidth graphs
- Cross launch Device managers







3. Troubleshooting Made Easy

- Ping and Trace
- Easy Telnet access
- Event Notification includes recommendations
- Enhanced Maintenance Features
- Drag-n-Drop IOS Upgrade
- Scheduled Software Upgrade
- Configuration archive on PC

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2-Critical	Aug 02 10:22:03	Fa12:	This port .	No				Swite	h			
2-Critical	Port Statistics	- 10										
🕒 2-Critical												
2-Critical	Devices											
🕑 2-Critical				Hostnam	e: WS-C2	950-24		~				
🕒 2-Critical	Overview Transmit 8	Packets	Receive Pac	kets								
2-Critical		Tx R		Тх В	D D.	T . D				l pier		-
otal Rows: 26					Rx B	Tx R	Rx R	Tx M	Rx M	Disc	Pkts	-
escription: Fa	Fa0/1		0.032				45.8	0	1.7	771738	0	
ecommendati	Fa0/2	0		NA	NA	0	0	0	0	0	0	
	Fa0/3	0	-	NA	NA	0	0	0	0	0	0	
	Fa0/4	0		NA	NA	0	0	0	0	0	0	
	Fa0/5	0		NA	NA	0	0	0	0	0	0	
	Fa0/6	0	0	NA	NA	0	0	0	0	0	0	
	Fa0/7	0	0	NA	NA	0	0	0	0	0	0	
	Fa0/8	0	0	NA	NA	0	0	0	0	0	0	
	Total Rows: 24											
				Clear	Counters	- Sa	ve Report					ī

4. Network Optimization: Getting the Most from Your Investment

- Event notification alerts you when problems occur
- Expose link congestion via port utilization graphs
- Run port and link tests
- Deep dive into Layer 2 and Layer 3 specifics with Access control list reports



Summary

- CNA has full TAC support
- CNA is offered in several languages:

French

Italian

German

Spanish

Japanese

Chinese

We invite you to download it free at www.cisco.com/go/cna



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