

Switch FastEthernet con las siguientes características:

48 ports Ethernet 10/100, 2 ports duales (10/100/1000 o para módulos SFP), Forwarding bandwidth 16 Gbps, Switching bandwidth 32Gbps, Flash memory 32 MB, Memory DRAM 64 MB, Max VLANs 255, VLAN IDs 4000, Maximum transmission unit (MTU) hasta 9000 bytes, Forwarding Rate: 64-Byte Packet 10.1 mpps, Unicast MAC addresses 8000, MTBF 336409. 1 Unidad Rack. IOS LAN Base software, 3 años de servicio SMARTNET 8x5xNBD

Tipo Cisco WS-C2960-48TC-L

Opciones de configuración: Cisco Smart Install, Cisco Auto Smartports, Cisco Smart Configuration, Cisco Smart Troubleshooting, Easy to Use Deployment and Control Features, Automatic QoS (AutoQoS), Cisco FlexStack, Stacking Master configuration management, Dynamic Host Configuration Protocol (DHCP), Auto-negotiation, Dynamic Trunking Protocol (DTP), Port Aggregation Protocol (PAgP), Link Aggregation Control Protocol (LACP), Automatic media-dependent interface crossover (MDIX), Unidirectional Link Detection Protocol (UDLD), Switching Database Manager (SDM), Local Proxy Address Resolution Protocol (ARP), Internet Group Management Protocol (IGMP), Multicast VLAN Registration (MVR), Per-port broadcast, multicast, and unicast storm control, Cisco VLAN Trunking Protocol (VTP), Remote Switch Port Analyzer (RSPAN), Layer 2 traceroute, Trivial File Transfer Protocol (TFTP), Network Timing Protocol (NTP)

Administración:

BRIDGE-MIB, CISCO-CABLE-DIAG-MIB, CISCO-CDP-MIB, CISCO-CLUSTER-MIB, CISCO-CONFIG-COPY-MIB, CISCO-CONFIG-MAN-MIB, CISCO-DHCP-SNOOPING-MIB, CISCO-ENTITY-VENDORTYPE-OID-MIB, CISCO-ENVMON-MIB, CISCO-ERR-DISABLE-MIB, CISCO-FLASH-MIB, CISCO-FTP-CLIENT-MIB, CISCO-IGMP-FILTER-MIB, CISCO-IMAGE-MIB, CISCO-IP-STAT-MIB, CISCO-LAG-MIB, CISCO-MAC-NOTIFICATION-MIB, CISCO-MEMORY-POOL-MIB, CISCO-PAGP-MIB, CISCO-PING-MIB, CISCO-POE-EXTENSIONS-MIB, CISCO-PORT-QOS-MIB, CISCO-PORT-SECURITY-MIB, CISCO-PORT-STORM-CONTROL-MIB, CISCO-PRODUCTS-MIB, CISCO-PROCESS-MIB, CISCO-RTTMON-MIB, CISCO-SMI-MIB, CISCO-STP-EXTENSIONS-MIB, CISCO-SYSLOG-MIB, CISCO-TC-MIB, CISCO-TCP-MIB, CISCO-UDLDP-MIB, CISCO-VLAN-IFTABLE, RELATIONSHIP-MIB, CISCO-VLAN-MEMBERSHIP-MIB, CISCO-VTP-MIB, ENTITY-MIB, ETHERLIKE-MIB, IEEE8021-PAE-MIB, IEEE8023-LAG-MIB, IF-MIB, INET-ADDRESS-MIB, OLD-CISCO-CHASSIS-MIB, OLD-CISCO-FLASH-MIB, OLD-CISCO-INTERFACES-MIB, OLD-CISCO-IP-MIB, OLD-CISCO-SYS-MIB, OLD-CISCO-TCP-MIB, OLD-CISCO-TS-MIB, RFC1213-MIB, RMON-MIB, RMON2-MIB, SNMP-FRAMEWORK-MIB, SNMP-MPD-MIB, SNMP-NOTIFICATION-MIB, SNMP-TARGET-MIB, SNMPv2-MIB, TCP-MIB, UDP-MIB, ePM MIB, CISCO-STACKWISE-MIB (2960-S)

Standards

IEEE 802.1D Spanning Tree Protocol, IEEE 802.1p CoS Prioritization, IEEE 802.1Q VLAN, IEEE 802.1s, IEEE 802.1w, IEEE 802.1X, IEEE 802.1ab (LLDP), IEEE 802.3ad, IEEE 802.3af, IEEE 802.3ah (100BASE-X single/multimode fiber only), IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports, IEEE 802.3 10BASE-T specification, IEEE 802.3u 100BASE-TX specification, IEEE 802.3ab 1000BASE-T specification, IEEE 802.3z 1000BASE-X specification, 100BASE-BX (SFP), 100BASE-FX (SFP), 100BASE-LX (SFP), 1000BASE-BX (SFP), 1000BASE-SX (SFP), 1000BASE-LX/LH (SFP), 1000BASE-ZX (SFP), 1000BASE-CWDM SFP 1470 nm, 1000BASE-CWDM SFP 1490 nm, 1000BASE-CWDM SFP 1510 nm, 1000BASE-CWDM SFP 1530 nm, 1000BASE-CWDM SFP 1550 nm, 1000BASE-CWDM SFP 1570 nm, 1000BASE-CWDM SFP 1590 nm, 1000BASE-CWDM SFP 1610 nm, 10GBASE-LR (SFP+), 10GBASE-SR (SFP+), 10GBASE-LRM (SFP+), 10GBASE-CX1 (SFP+), RMON I and II standards, SNMP v1, v2c, and v3.

Compatibilidad RFC

RFC 768 – UDP, RFC 783 – TFTP, RFC 791 – IP, RFC 792 – ICMP, RFC 793 – TCP, RFC 826 – ARP, RFC 854 – Telnet, RFC 951 - Bootstrap Protocol (BOOTP), RFC 959 – FTP, RFC 1112 - IP Multicast and IGMP, RFC 1157 - SNMP v1, RFC 1166 - IP Addresses, RFC 1256 - Internet Control Message Protocol (ICMP) Router Discovery, RFC 1305 – NTP, RFC 1492 - TACACS+, RFC 1493 - Bridge MIB, RFC 1542 - BOOTP extensions, RFC 1643 - Ethernet Interface MIB, RFC 1757 – RMON, RFC 1901 - SNMP v2C, RFC 1902-1907 - SNMP v2, RFC 1981 - Maximum Transmission Unit (MTU) Path Discovery IPv6, RFC 2068 – HTTP, RFC 2131 – DHCP, RFC 2138 – RADIUS, RFC 2233 - IF MIB v3, RFC 2373 - IPv6 Aggregatable Addrs, RFC 2460 - IPv6, RFC 2461 - IPv6 Neighbor Discovery, RFC 2462 - IPv6 Autoconfiguration, RFC 2463 - ICMP IPv6, RFC 2474 - Differentiated Services (DiffServ) Precedence, RFC 2597 - Assured Forwarding, RFC 2598 - Expedited Forwarding, RFC 2571 - SNMP Management, RFC 3046 - DHCP Relay Agent Information Option, RFC 3376 - IGMP v3, RFC 3580 - 802.1X RADIUS