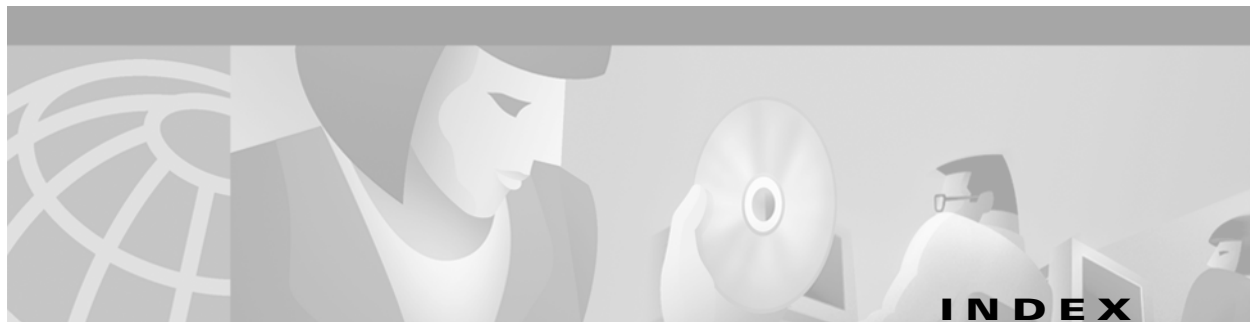




Symbols

<cr> [xvii](#)

? command [xvi](#)

Numerics

100VG AnyLAN port adapter

 configuring [IR-166](#)

 information about, displaying [IR-340](#)

A

AMI (alternate mark inversion) line coding [IR-538](#)

AppleTalk

 tunneling, Cayman [IR-561](#)

APS (automatic protection switching) [IR-10](#)

 protect interface [IR-10, IR-14](#)

aps authenticate command [IR-2](#)

aps force command [IR-3](#)

aps group command [IR-5](#)

aps lockout command [IR-7](#)

aps manual command [IR-8](#)

aps protect command [IR-10](#)

aps revert command [IR-11](#)

aps timers command [IR-12](#)

aps unidirectional command [IR-13](#)

aps working command [IR-14](#)

ARP (Address Resolution Protocol)

 accounting information, displaying [IR-369](#)

 ARP type [IR-453](#)

asynchronous interfaces

 compression, ignore-pfc option for async drivers [IR-68](#)

 groups, designating [IR-158](#)

Asynchronous Transfer Mode-Data Exchange Interface

See ATM-DXI

ATM-DXI (ATM-Data Exchange Interface) [IR-103](#)

atm sonet command [IR-15](#)

ATM SONET PLIM [IR-15](#)

automatic receiver polarity reversal [IR-16](#)

auto-polarity command [IR-16](#)

B

B8ZS line coding [IR-538](#)

bandwidth, setting [IR-17](#)

bandwidth interface command [IR-17](#)

bert abort command [IR-19](#)

bert controller command [IR-20](#)

bert pattern command [IR-23](#)

bert profile command [IR-25](#)

C

cable length [IR-27](#)

cablelength command [IR-27](#)

cablelength long command [IR-28](#)

cablelength short command [IR-31](#)

carriage return (<cr>) [xvii](#)

carrier-delay command [IR-33](#)

cautions, usage in text [x](#)

Cayman tunneling, AppleTalk [IR-561](#)

channel-group (Fast EtherChannel) command [IR-34](#)

channelized E1

 controller statistics [IR-76](#)

channelized T1, loopback [IR-219, IR-220](#)

- channelized T3 [IR-77, IR-81, IR-542](#)
- Channelized T3 Interface Processor (CT3IP)
 - See* T3
- channel service unit/data service unit
 - See* CSU/DSU
- Cisco IOS configuration changes, saving [xx](#)
- clear aim command [IR-36](#)
- clear controller command [IR-37](#)
- clear controller lex command [IR-38](#)
- clear counters command [IR-40](#)
- clear dsip tracing command [IR-570](#)
- clear hub command [IR-43](#)
- clear hub counters command [IR-44](#)
- clearing counters [IR-40](#)
- clear interface command [IR-45](#)
- clear interface fastethernet command [IR-48](#)
- clear interface serial command [IR-49](#)
- clear service-module serial command [IR-50](#)
- clock rate, (examples) [IR-52](#)
- clock rate command [IR-51](#)
- clock signal, inverting [IR-173](#)
- clock source
 - T1 [IR-533](#)
 - T3 [IR-58](#)
- clock source (Cisco AS5200) command [IR-55](#)
- clock source (Cisco MC3810) command [IR-62](#)
- clock source (controller) command [IR-56](#)
- clock source (CT3IP) command [IR-58](#)
- clock source (interface) command [IR-60](#)
- clock source command [IR-53 to IR-54](#)
- cmt connect command [IR-63](#)
- cmt disconnect command [IR-65](#)
- command execution
 - multiple interfaces simultaneously [IR-163](#)
- command modes, understanding [xv to xvi](#)
- commands
 - context-sensitive help for abbreviating [xvi](#)
 - default form, using [xix](#)
 - no form, using [xix](#)
- command syntax
 - conventions [ix](#)
 - displaying (example) [xvii](#)
- compress command [IR-67](#)
- compression
 - LAPB, encapsulation [IR-68](#)
 - RAND compression algorithm [IR-68](#)
 - service adapter [IR-67](#)
- compressions
 - configuring [IR-67](#)
 - HDLC encapsulation [IR-68](#)
 - LAPB encapsulation [IR-68](#)
 - MPPC, ignore-pfc option [IR-68](#)
 - PPP encapsulation [IR-68](#)
 - statistics, displaying [IR-285](#)
- compress mppc command [IR-72](#)
- compress predictor command
 - See* compress command
- compress stac caim command [IR-74](#)
- concentrator port, enabling [IR-239](#)
- Configuration Management, FDDI MAC-level connection [IR-399](#)
- configurations, saving [xx](#)
- controller command [IR-76](#)
- controllers
 - E1
 - configuring [IR-76](#)
 - T1
 - configuring [IR-76](#)
- controller t3 command [IR-76, IR-80](#)
- copy flash lex command [IR-82](#)
- copy tftp lex command [IR-83](#)
- counters, clearing [IR-40, IR-508](#)
- CRC (cyclic redundancy check)
 - G.703/G.704 [IR-85](#)
 - setting [IR-84](#)
- crc4 command [IR-85](#)
- crc bits 5 command [IR-86](#)
- crc command [IR-84](#)

CSU/DSU

Cisco 2524 or Cisco 2525, resetting [IR-50](#)

CSU/DSU (channel service unit/data service unit)

loopback [IR-217](#)

cut-through command [IR-86](#)

cyclic redundancy check

See CRC

D

data, inverting [IR-169](#)

data compression [IR-70](#)

DCE

clock rate [IR-51](#)

timing [IR-89](#)

dce-terminal-timing enable command [IR-89](#)

debug dsc clock command [IR-571](#)

debug dsip command [IR-572](#)

default (interface) command [IR-90](#)

delay (interface) command [IR-92](#)

description (controller) command [IR-93](#)

dial shelf controllers

stopping and restarting [IR-576](#)

dial-tdm-clock command [IR-574](#)

Distance Vector Multicast Routing Protocol

See DVMRP

distributed compression [IR-67](#)

DLCI (data-link connection identifier)

interface statistics, displaying [IR-429](#)

multicast mechanism, displaying statistics about [IR-429](#)

documentation

conventions [ix](#)

feedback, providing [xii](#)

online, accessing [xi](#)

ordering [xi](#)

Documentation CD-ROM [xi](#)

documentation modules [v to vii](#)

down-when-looped command [IR-94](#)

DS-3 link, loopback [IR-219, IR-220](#)

DSU (data service unit)

configuration information, displaying [IR-312](#)

interoperability mode, setting [IR-96](#)

maximum bandwidth, setting [IR-95](#)

dsu bandwidth command [IR-95](#)

dsu mode command [IR-96](#)

dte-invert-txc command [IR-98](#)

DTR (dedicated Token Ring), signal pulsing [IR-254](#)

duplex command [IR-99](#)

DVMRP (Distance Vector Multicast Routing Protocol) [IR-561](#)

E

e2-clockrate command [IR-101](#)

early-token-release command [IR-102](#)

EEPROM [IR-342](#)

electrically erasable programmable read-only memory

See EEPROM

encapsulation command [IR-103](#)

encapsulations

atm-dxi [IR-103](#)

bstun [IR-103](#)

hdlc [IR-103](#)

lapb [IR-103](#)

ppp [IR-103](#)

Ethernet

100VG AnyLAN port adapter [IR-166, IR-340](#)

bandwidth [IR-17](#)

extending twisted-pair 10BaseT capability [IR-521](#)

FDDI, bridging from [IR-111](#)

MOP enabled [IR-228](#)

specifying media type [IR-224](#)

executing a command on multiple interfaces [IR-163](#)

external port, T1 [IR-534](#)

F

Fast EtherChannel [IR-34](#)

- assigning Fast Ethernet [IR-34](#)
- configuring [IR-160](#)
- Fast EtherChannel information, displaying [IR-419](#)
- Fast Ethernet
 - Fast EtherChannel [IR-34](#)
 - Fast EtherChannel, assigning [IR-34](#)
 - Fast EtherChannel information, displaying [IR-419](#)
 - Fast EtherChannel interface [IR-160](#)
- FDDI (Fiber Distributed Data Interface)
 - bandwidth, determining [IR-118](#)
 - bit specifications [IR-109](#)
 - bridging configurations [IR-111](#)
 - encapsulation mode compatibility [IR-111](#)
 - full-duplex [IR-134](#), [IR-136](#)
 - full-duplex status [IR-396](#)
 - stopping [IR-63](#)
 - transmission time, controlling [IR-116](#)
- fddi burst-count command [IR-106](#)
- fddi c-min command [IR-107](#)
- fddi cmt-signal-bits command [IR-108](#)
- fddi duplicate-address-check command [IR-110](#)
- fddi encapsulate command [IR-111](#)
- fddi frames-per-token command [IR-113](#)
- FDDI processor
 - See* FIP
- fddi smt-frames command [IR-114](#)
- fddi tb-min command [IR-115](#)
- fddi tl-min-time command [IR-116](#)
- fddi token-rotation-time command [IR-118](#)
- fddi t-out command [IR-117](#)
- fddi valid-transmission-time command [IR-119](#)
- FDL (Facility Data Link), performance report [IR-544](#)
- fdl command [IR-120](#)
- Feature Navigator
 - See* platforms, supported
- filtering output, show and more commands [xx](#)
- FIP (FDDI processor) information about, displaying [IR-298](#)
- flow-based WRED

- interface statistics, displaying [IR-366](#)
- framed mode, G.703-E1 interface [IR-550](#)
- framed mode on G.703-E1 interface [IR-550](#)
- Frame Relay
 - DLCI
 - interface statistics [IR-429](#)
 - multicast mechanism statistics [IR-429](#)
 - LMI
 - general statistics, displaying [IR-429](#)
- frame-relay command [IR-122](#)
- frame-relay map command [IR-124](#)
- frame type, selecting [IR-128](#)
- framing
 - T1 [IR-537](#)
 - T3 [IR-131](#)
- framing (E1/T1 controller) command [IR-128](#)
- framing (E3/T3 interface) command [IR-129](#)
- framing (T3 controller) command [IR-131](#)
- framing command [IR-126](#)
- full-duplex command [IR-133](#)

G

- G.703-E1 interface
 - clock source [IR-56](#), [IR-60](#), [IR-61](#)
 - CRC [IR-85](#)
 - framed mode [IR-550](#)
 - time slot 16 [IR-555](#)
 - unframed mode [IR-550](#)
- G.704 interface
 - CRC [IR-85](#)
- generic route encapsulation
 - See* GRE
- global configuration mode, summary of [xvi](#)
- GRE (generic route encapsulation) [IR-560](#), [IR-564](#)
- group and member asynchronous interfaces [IR-158](#)

H

- half-duplex command [IR-136](#)
 - half-duplex controlled-carrier command [IR-138](#)
 - half-duplex timer command [IR-140](#)
 - hardware compression
 - compression service adapter [IR-67](#)
 - displaying [IR-286](#)
 - hardware platforms
 - See* platforms, supported
 - HDLC (High-Level Data Link Control),
 - compression [IR-67](#)
 - help command [xvi](#)
 - High-Level Data Link Control
 - See* HDLC
 - hold-queue command [IR-142](#)
 - hssi external-loop-request command [IR-144](#)
 - hssi internal-clock command [IR-145](#)
 - hub command [IR-146](#)
 - hub ports
 - automatic receiver polarity reversal [IR-16](#)
 - clearing hub counters [IR-44](#)
 - enabling [IR-146](#)
 - hub statistics, displaying [IR-362](#)
 - link test function [IR-202](#)
 - resetting [IR-43](#)
 - shutting down [IR-507](#)
 - source address control [IR-518](#)
 - hw-module command [IR-576](#)
 - hw-module reload command [IR-576](#)
 - interface configuration mode, summary of [xvi](#)
 - interface ctunnel command [IR-153](#)
 - interface fastethernet command [IR-155](#)
 - interface gigabitethernet command [IR-157](#)
 - interface group-async command [IR-158](#)
 - interface multilink command [IR-159](#)
 - interface port-channel command [IR-160](#)
 - interface pos command [IR-162](#)
 - interface range command [IR-163](#)
 - interfaces
 - counters, clearing [IR-508](#)
 - E1-G.703/G.704, enabling framed mode [IR-550](#)
 - G.703-E1
 - clock source [IR-56](#), [IR-60](#), [IR-61](#)
 - CRC [IR-85](#)
 - enabling framed mode [IR-550](#)
 - time slot 16 [IR-555](#)
 - low-speed serial [IR-237](#)
 - PA-E3 clock source [IR-56](#)
 - restarting [IR-508](#)
 - shutting down [IR-508](#)
 - unit numbers [IR-38](#), [IR-40](#), [IR-45](#), [IR-149](#)
 - interface vg-anylan command [IR-166](#)
 - international bit command [IR-168](#)
 - invert data command [IR-169](#), [IR-538](#)
 - invert rxclock command [IR-171](#)
 - invert-transmit-clock command
 - See* invert txclock command
 - invert txclock command [IR-173](#)
 - ip director default-weights command [IR-174](#)
 - ip director dfp command [IR-177](#)
 - ip director dfp security command [IR-178](#)
 - ip director host priority command [IR-180](#)
 - ip director host weights command [IR-183](#)
 - ip director server availability command [IR-186](#)
 - ip director server port availability command [IR-188](#)
-

- ignore-dcd command [IR-147](#)
- ignore-hw local-loopback command [IR-148](#)
- indexes, master [viii](#)
- interface command [IR-149](#)
- interface configuration commands
 - serial restart-delay [IR-260](#)

K

keepalive command [IR-190](#)

L

LAN Extender interface

access list filtering

Ethernet packets [IR-196](#)

MAC address [IR-195](#)

burned-in MAC address [IR-194](#)

downloading

from Flash [IR-82](#)

from TFTP server [IR-83](#)

priority output queueing [IR-197](#)

rebooting [IR-38](#)

retry count [IR-198](#)

show statistics [IR-410](#)

timeout [IR-199](#)

Lanoptics Hub Networking Management [IR-203](#)

LAPB (Link Access Procedure, Balanced)

compression [IR-67](#), [IR-68](#)

interface statistics, displaying [IR-442](#)

lbo command [IR-192](#)

lex burned-in-address command [IR-194](#)

lex input-address-list command [IR-195](#)

lex input-type-list command [IR-196](#)

lex priority-group command [IR-197](#)

lex retry-count command [IR-198](#)

lex timeout command [IR-199](#)

linecode command [IR-200](#)

line-code type, selecting [IR-200](#)

line coding

format [IR-236](#)

T1 [IR-538](#)

lines

fractional data [IR-77](#)

line-termination command [IR-201](#)

link-test command [IR-202](#)

LMI (Local Management Interface)

general statistics, displaying [IR-429](#)

local-lnm command [IR-203](#)

logging event [IR-204](#)

loopback

DTE [IR-216](#)

MCI serial card [IR-206](#)

over DS-3 or channelized T1 link [IR-219](#), [IR-220](#)

SCI serial card [IR-206](#)

through CSU/DSU [IR-217](#)

X.21 DTE limitation [IR-207](#)

loopback (E3/T3 interface) command [IR-208](#)

loopback (interface) command [IR-206](#)

loopback (T1 interface) command [IR-210](#)

loopback (T3 controller) command [IR-213](#)

loopback applique command [IR-215](#)

loopback dte command [IR-216](#)

loopback interfaces [IR-151](#)

loopback line command [IR-217](#)

loopback remote (interface) command [IR-219](#)

low-speed serial interfaces, physical layer [IR-237](#)

LZS compression algorithm [IR-67](#)

M

MCI interface card

loopback on serial [IR-206](#)

pulsing DTR signal [IR-254](#)

mdl command [IR-222](#)

media-type command [IR-224](#)

media-type half-duplex command

See half-duplex command

MIB

descriptions on-line [viii](#)

MIBs

See MIB

MIP (MultiChannel Interface Processor), CT3IP external port [IR-534](#)

mode

framed [IR-550](#)
 unframed [IR-550](#)
 modem dtr-delay command [IR-227](#)
 modes
 See command modes
 MOP (Maintenance Operations Protocol), enabling an interface to support [IR-228](#)
 mop enabled command [IR-228](#)
 mop sysid command [IR-229](#)
 MTU (maximum transmission unit), default values by media type (table) [IR-230](#)
 mtu command [IR-230](#)
 Multiport Communications Interface
 See MCI interface card

N

national bit command [IR-232](#)
 national reserve command [IR-233](#)
 negotiation command [IR-234](#)
 network management hub [IR-203](#)
 nonreturn-to-zero inverted
 See NRZI
 notes, usage in text [x](#)
 NRZI (nonreturn-to-zero inverted), enabling [IR-236](#)
 nrzi-encoding command [IR-236](#)

P

physical-layer command [IR-237](#)
 platforms, supported
 Feature Navigator, identify using [x, xxi](#)
 release notes, identify using [xi, xxi](#)
 Point-to-Point Protocol
 See PPP
 port command [IR-239](#)
 port range
 executing [IR-163](#)
 pos ais-shut command [IR-240](#)

pos flag command [IR-241](#)
 pos framing command [IR-243](#)
 pos framing-sdh command
 See pos framing command
 posi framing-sdh command
 See pos framing command
 pos internal-clock command
 See clock source (CT3IP) command
 pos report command [IR-246](#)
 pos scramble-atm command [IR-248](#)
 pos threshold command [IR-250](#)
 PPP
 compression [IR-67](#)
 encapsulation [IR-103](#)
 predictor compression [IR-67, IR-68](#)
 pri-group command [IR-253](#)
 privileged EXEC mode, summary of [xvi](#)
 prompts, system [xvi](#)
 pulse-time command [IR-254](#)

Q

question mark (?) command [xvi](#)

R

RAND compression algorithm [IR-67, IR-68](#)
 release notes
 See platforms, supported
 Request For Comments
 See RFC
 RFC
 obtaining full text [viii](#)
 RFC 1042, Standard for the Transmission of IP Datagrams Over IEEE 802 Networks [IR-111](#)
 RFC 1332, PPP Internet Protocol Control Protocol (IPCP) [IR-104](#)
 RFC 1406, Definitions of Managed Objects for DS1 and E1 Interface Types [IR-331](#)

RFC 1407, DS3 MIB Variables [IR-330](#)

ring-speed command [IR-255](#)

ROM monitor mode, summary of [xvi](#)

S

SCI cards, loopback on [IR-206](#)

scramble command [IR-256](#)

SDLC (Synchronous Data Link Control Protocol)

secondary descriptions (table) [IR-372](#)

sdlc cts-delay command

See half-duplex timer command

sdlc hdx command [IR-258](#)

See half-duplex command

sdlc rts-delay command

See half-duplex timer command

serial interfaces

clearing [IR-45](#)

DTR signal pulsing [IR-254](#)

loopback [IR-206](#)

low-speed [IR-237](#)

media type [IR-224](#)

monitoring synchronous [IR-443](#)

serial restart-delay command [IR-260](#)

service-module 56k clock rate command [IR-261](#)

service-module 56k clock source command [IR-263](#)

service-module 56k data-coding command [IR-264](#)

service-module 56k network-type command [IR-265](#)

service-module 56k remote-loopback command [IR-267](#)

service-module 56k switched-carrier command [IR-268](#)

service-module t1 clock source command [IR-269](#)

service-module t1 data-coding command [IR-270](#)

service module t1 fdl command [IR-271](#)

service-module t1 framing command [IR-272](#)

service-module t1 lbo command [IR-273](#)

service-module t1 linecode command [IR-274](#)

service-module t1 remote-alarm-enable command [IR-275](#)

service-module t1 remote-loopback command [IR-276](#)

service-module t1 timeslots command [IR-279](#)

service single-slot-reload-enable command [IR-280](#)

set ip df command [IR-281](#)

shelf-id command [IR-578](#)

show aps command [IR-283](#)

show compress command [IR-285](#)

show controllers cbus command [IR-287, IR-288, IR-290](#)

show controllers ethernet command [IR-293](#)

show controllers fastethernet command [IR-295](#)

show controllers fddi command [IR-298](#)

show controllers gigabitethernet [IR-299](#)

show controllers lex command [IR-302](#)

show controllers mci command [IR-304](#)

show controllers pcbus command [IR-306](#)

show controllers pos command [IR-307](#)

show controllers serial command [IR-312](#)

show controllers t1 bert [IR-319](#)

show controllers t1 command [IR-315](#)

show controllers token command [IR-335](#)

show controllers vg-anylan command [IR-340](#)

show diagbus command [IR-360](#)

show diag command [IR-342](#)

show dial-shelf command [IR-580](#)

show dsc clock command [IR-582](#)

show dsi command [IR-584](#)

show dsip clients command [IR-595](#)

show dsip command [IR-591](#)

show dsip nodes command [IR-597](#)

show dsip ports command [IR-599](#)

show dsip queue command [IR-602](#)

show dsip tracing command [IR-603](#)

show dsip transport command [IR-605](#)

show dsip version command [IR-608](#)

show hub command [IR-362](#)

show interfaces

configuration statistics, displaying [IR-366](#)

custom queueing output display [IR-368](#)

disabled [IR-370](#)

interfaces, configuring [IR-385](#)

SDLC information, displaying [IR-443](#)

show interfaces accounting command [IR-369](#)
 show interfaces command [IR-365](#)
 show interfaces ctunnel command [IR-377](#)
 show interfaces ethernet accounting command [IR-380](#)
 show interfaces ethernet command [IR-380](#)
 show interfaces fastethernet command [IR-385](#)
 show interfaces fddi accounting command [IR-394](#)
 show interfaces fddi command [IR-394](#)
 show interfaces gigabitethernet command [IR-403](#)
 show interfaces hssi command [IR-405](#)
 show interfaces lex command [IR-410](#)
 show interfaces loopback command [IR-415](#)
 show interfaces port-channel command [IR-419](#)
 show interfaces pos command [IR-424](#)
 show interfaces serial accounting command [IR-429](#)
 show interfaces serial command [IR-429](#)
 show interfaces summary command [IR-450](#)
 show interfaces tokenring command [IR-451](#)
 show interfaces tunnel command [IR-457](#)
 show interfaces vg-anylan command [IR-461](#)
 show ip director dfp command [IR-467](#)
 show pas caim command [IR-468](#)
 show pas eswitch address command [IR-479](#)
 show pas isa controller command [IR-480](#)
 show pas isa interface command [IR-481](#)
 show pci aim command [IR-484](#)
 show redundancy command [IR-610](#)
 show redundancy history command [IR-610](#)
 show service-module serial command [IR-485](#)
 show smf command [IR-490](#)
 show sntp command [IR-490](#)
 show tdm backplane command [IR-492](#)
 show tdm connections command [IR-494](#)
 show tdm connections motherboard command [IR-495](#)
 show tdm data command [IR-497](#)
 show tdm detail command [IR-500](#)
 show tdm information command [IR-502](#)
 show tdm pool command [IR-504](#)
 shutdown (controller) command [IR-506](#)

shutdown (hub) command [IR-507](#)
 shutdown (interface) command [IR-508](#)
 signals, pulsing DTR [IR-254](#)
 smt-queue-threshold command [IR-509](#)
 SNMP (Simple Network Management Protocol) , trap
 address violation [IR-516](#)
 snmp ifindex clear command [IR-510](#)
 snmp ifindex persist command [IR-512](#)
 snmp-server ifindex persist [IR-514](#)
 snmp trap illegal-address command [IR-516](#)
 software compression
 displaying [IR-285](#)
 for LAPB [IR-67](#)
 source-address command [IR-518](#)
 speed command [IR-519](#)
 squelch command [IR-521](#)
 srp-deficit-round-robin command [IR-523](#)
 srp loopback command [IR-524](#)
 srp priority-map command [IR-525](#)
 srp random-detect command [IR-527](#)
 srp shutdown command [IR-528](#)
 srp tx-traffic-rate command [IR-529](#)
 ssrp buffer-size command [IR-522](#)
 Stacker compression [IR-67](#)
 subinterfaces, configuring [IR-149, IR-150, IR-152](#)
 supporting documents and resources [viii](#)
 Synchronous Data Link Control Protocol
 See SDLC

T

t1 bert command [IR-531](#)
 t1 clock source command [IR-533](#)
 t1 command [IR-530](#)
 T1 controller, adding descriptive name [IR-93](#)
 t1 external command [IR-534](#)
 t1 fdl ansi command [IR-536](#)
 t1 framing command [IR-537](#)
 t1 linecode command [IR-538](#)

- t1 test command [IR-540](#)
 - t1 timeslot command [IR-542](#)
 - t1 yellow command [IR-544](#)
 - T3
 - BERT test [IR-531](#)
 - cable length [IR-27](#)
 - clock source [IR-58](#)
 - configuration [IR-77](#), [IR-81](#)
 - display controllers [IR-322](#)
 - display interface [IR-437](#)
 - external port [IR-534](#)
 - FDL (Facility Data Link), performance report [IR-536](#), [IR-544](#)
 - framing [IR-131](#)
 - line coding [IR-538](#)
 - T1 clock source [IR-533](#)
 - T1 framing [IR-537](#)
 - T1 test [IR-540](#)
 - T1 timeslots [IR-542](#)
 - Tab key, command completion [xvi](#)
 - test aim eeprom command [IR-545](#)
 - test interface fastethernet command [IR-547](#)
 - test service-module command [IR-548](#)
 - THT (token holding timer)
 - FDDI [IR-118](#)
 - time-division multiplexing, clock source [IR-55](#)
 - timers, token holding [IR-118](#)
 - timeslot command [IR-550](#)
 - timeslots, T1 [IR-542](#)
 - token rotation time
 - See* TRT
 - transition states, FDDI [IR-396](#)
 - translational bridging [IR-111](#)
 - transmit-buffers backing-store command [IR-552](#)
 - transmit-clock-internal command [IR-553](#)
 - transmit clock signal, inverting [IR-173](#)
 - transmitter-delay command [IR-554](#)
 - transparent bridging
 - on FDDI interface [IR-111](#)
 - traps
 - message, address violation [IR-516](#)
 - TRT (token rotation time), FDDI [IR-118](#)
 - ts16 command [IR-555](#)
 - tunnel checksum command [IR-556](#)
 - tunnel destination command [IR-557](#)
 - tunneling
 - AppleTalk, Cayman [IR-561](#)
 - tunnel key command [IR-559](#)
 - tunnel mode command [IR-560](#)
 - tunnel path-mtu-discovery command [IR-562](#)
 - tunnel sequence-datagrams command [IR-564](#)
 - tunnel source command [IR-565](#)
 - tx-queue-limit command [IR-567](#)
-
- ## U
- unit numbers
 - interface [IR-38](#), [IR-40](#), [IR-45](#), [IR-149](#)
 - user EXEC mode, summary of [xvi](#)
-
- ## V
- VIC (voice interface cards), slot information [IR-342](#)
 - virtual interfaces
 - loopback interface [IR-151](#)
 - tunnel interface [IR-151](#)
-
- ## W
- Weighted Random Early Detection
 - See* WRED
 - WRED (Weighted Random Early Detection)
 - interface statistics, displaying [IR-366](#)
-
- ## X
- X.25

interface statistics, displaying [IR-446](#)
X3T9.5 specification [IR-118](#)

Y

yellow command [IR-568](#)

