

User view commands:

archive	Specify archive settings
backup	Backup next startup-configuration file to TFTP server
boot-loader	Set boot loader
bootrom	Update/read/backup/restore bootrom
cd	Change current directory
clock	Specify the system clock
cluster	Run cluster command
copy	Copy from one file to another
debugging	Enable system debugging functions
delete	Delete a file
dir	List files on a file system
display	Display current system information
fixdisk	Recover lost chains in storage device
format	Format the device
free	Clear user terminal interface
ftp	Open FTP connection
initialize	Delete the startup configuration file and reboot system
ipsetup	Specify the IP address of the VLAN interface 1
lock	Lock current user terminal interface
logfile	Specify log file configuration
mkdir	Create a new directory
more	Display the contents of a file
move	Move the file
ntdp	Run NTDP commands
password	Specify password of local user
ping	Ping function
pwd	Display current working directory
quit	Exit from current command view
reboot	Reboot system
rename	Rename a file or directory
reset	Reset operation
restore	Restore next startup-configuration file from TFTP server
rmdir	Remove an existing directory
save	Save current configuration
schedule	Schedule system task
screen-length	Specify the lines displayed on one screen
send	Send information to other user terminal interface
sftp	Establish one SFTP connection
ssh2	Establish a secure shell client connection
stack	Switch stack system
startup	Specify system startup parameters
summary	Display summary information of the device.
super	Set the current user priority level
system-view	Enter the System View
telnet	Establish one TELNET connection
terminal	Set the terminal line characteristics
tftp	Open TFTP connection
tracert	Trace route function
undelete	Recover a deleted file
undo	Cancel current setting
upgrade	Upgrade the system boot file or the Boot ROM program

<3Com Baseline Switch>archive ?
 configuration Archive the current configuration

<3Com Baseline Switch>backup ?

```

startup-configuration Startup configuration
<3Com Baseline Switch>backup startup-configuration ?
to Indicate operation direction
<3Com Baseline Switch>backup startup-configuration to ?
STRING<1-20> IP address or hostname of TFTP Server

```

```

<3Com Baseline Switch>boot-loader ?
file File path
<3Com Baseline Switch>boot-loader file ?
STRING [drive][path][file name]
flash: Device name
<3Com Baseline Switch>boot-loader file flash:/ ?
backup Set backup attribute
main Set main attribute
<3Com Baseline Switch>boot-loader file flash:/ main ?
<cr>
<3Com Baseline Switch>boot-loader file flash:/ backup ?
<cr>

```

```

<3Com Baseline Switch>bootrom ?
update Update bootrom
<3Com Baseline Switch>bootrom update ?
file File path
<3Com Baseline Switch>bootrom update file ?
STRING [drive][path][file name]
flash: Device name
<3Com Baseline Switch>bootrom update file flash:/ ?
<cr>

```

```

<3Com Baseline Switch>cd ?
STRING [drive][path]
flash: Device name
<3Com Baseline Switch>cd flash:/ ?
<cr>

```

```

<3Com Baseline Switch>clock ?
datetime Specify the time and date
<3Com Baseline Switch>clock datetime ?
TIME Specify the time (HH:MM:SS)

```

```

<3Com Baseline Switch>cluster ?
switch-to Switch to remote device
<3Com Baseline Switch>cluster switch-to ?
INTEGER<1-32> Remote member number
administrator Switch to administrator
mac-address Specify MAC address of remote member
<3Com Baseline Switch>cluster switch-to administrator ?
<cr>
<3Com Baseline Switch>cluster switch-to mac-address ?
H-H-H MAC address of remote member

```

<3Com Baseline Switch>copy ?

STRING [drive][path][file name]
flash: Device name

<3Com Baseline Switch>debugging ?

adjacent-table	ADJ module
all	All debugging functions
arp	ARP module
cluster	Cluster module
device	Device managed
dhcp	Dynamic Host Configuration Protocol and BOOTP debugging functions
dhcp-snooping	DHCP Snooping
dot1x	802.1x configuration information
ethernet	Ethernet module
ftp-server	FTP server information
habp	HABP module
http	Hypertext transfer protocol
ifnet	Turn on IFNET switch [reports link up link down event]
igmp-snooping	Configure IGMP snooping characteristic
ip	IP module
link-aggregation	Link aggregation group module
lldp	Link Layer Discovery Protocol(802.1ab)
local-server	Debug local server
ndp	NDP module
ni	NI module : NI Debugging information (NI = network interface?)
ntdp	NTDP module
ntp-service	NTP module
pki	Enable PKI debugging functions
port-security	Specify port-security configuration information
qos	Command of QoS(Quality of Service)
radius	Radius module
rm	RM module
rmon	RMON module
sc	SC module
snmp	SNMP module
ssh	SSH module
ssl	Enable SSL debugging function
stp	Spanning tree protocol
tcp	TCP module
telnet	TELNET module
udp	UDP module
user-bind	Bind user address
vfs	File system module
vty	VTY module

<3Com Baseline Switch>debugging adjacent-table ?

all All debugging functions
entry Entry debugging functions
event Event debugging functions

<3Com Baseline Switch>debugging adjacent-table all ?

<cr>

<3Com Baseline Switch>debugging adjacent-table entry ?

<cr>

```
<3Com Baseline Switch>debugging adjacent-table event ?
<cr>
```

```
<3Com Baseline Switch>debugging all ?
timeout Set the interval in which the current command is valid
<cr>
```

```
<3Com Baseline Switch>debugging all timeout ?
INTEGER<1-1440> (min) The interval in which the current command is valid
```

```
<3Com Baseline Switch>debugging arp ?
packet Packet debugging functions
status ARP Item Status
```

```
<3Com Baseline Switch>debugging arp packet ?
<cr>
```

```
<3Com Baseline Switch>debugging arp status ?
<cr>
```

```
<3Com Baseline Switch>debugging cluster ?
all All debugging functions
event Events debugging functions
handshake Handshake packet debugging functions
member Member table debugging functions
mrc MRC(Member Remote Control) packet debugging functions
nat Cluster nat debugging functions
packet Build cluster packet debugging functions
state Member state debugging functions
```

```
<3Com Baseline Switch>debugging cluster all ?
<cr>
```

```
<3Com Baseline Switch>debugging cluster event ?
<cr>
```

```
<3Com Baseline Switch>debugging cluster handshake ?
<cr>
```

```
<3Com Baseline Switch>debugging cluster member ?
<cr>
```

```
<3Com Baseline Switch>debugging cluster mrc ?
<cr>
```

```
<3Com Baseline Switch>debugging cluster nat ?
<cr>
```

```
<3Com Baseline Switch>debugging cluster packet ?
<cr>
```

```
<3Com Baseline Switch>debugging cluster state ?
<cr>
```

```
<3Com Baseline Switch>debugging device ?
<cr>
```

```
<3Com Baseline Switch>debugging dhcp ?
client DHCP Client information
relay DHCP relay module
```

```
<3Com Baseline Switch>debugging dhcp client ?
all DHCP/BOOTP Client all debugging information
```

```

error    DHCP/BOOTP Client error debugging information
event    DHCP/BOOTP Client event debugging information
packet   DHCP/BOOTP Client packet debugging information
<3Com Baseline Switch>debugging dhcp client all ?
<cr>
<3Com Baseline Switch>debugging dhcp client error ?
<cr>
<3Com Baseline Switch>debugging dhcp client event ?
<cr>
<3Com Baseline Switch>debugging dhcp client packet ?
<cr>
<3Com Baseline Switch>debugging dhcp relay ?
all      All debugging functions
error    Error debugging functions
event    Event debugging functions
packet   Packet debugging functions

```

```

<3Com Baseline Switch>debugging dhcp-snooping ?
all      All debugging functions
error    Error debugging function
event    Event debugging function
information INFORMATION debugging function
packet   Packet debugging function
<3Com Baseline Switch>debugging dhcp-snooping information ?
<cr>

```

```

<3Com Baseline Switch>debug dot1x ?
all      Specify dot1x all debugging switch
error    Specify error debugging switch
event    Specify event debugging switch
packet   Specify packet debugging switch

```

```

<3Com Baseline Switch>debugging ethernet ?
packet   Ethernet Packet Information
<3Com Baseline Switch>debugging ethernet packet ?
interface Input interface to debug
<cr>
<3Com Baseline Switch>debugging ethernet packet interface ?
GigabitEthernet GigabitEthernet interface
Vlan-interface  VLAN interface
<3Com Baseline Switch>debugging ethernet packet interface GigabitEthernet ?
<1-1>   Slot number
<3Com Baseline Switch>debugging ethernet packet interface Vlan-interface ?
<1-1>   VLAN interface

```

```

<3Com Baseline Switch>debugging ftp-server ?
<cr>

```

```

<3Com Baseline Switch>debugging habp ?
<cr>

```

```

<3Com Baseline Switch>debugging http ?
  all      HTTP debugging all
  message  HTTP debugging packet
  parameter HTTP debugging parameter
<3Com Baseline Switch>debugging http all ?
<cr>
<3Com Baseline Switch>debugging http message ?
<cr>
<3Com Baseline Switch>debugging http parameter ?
<cr>

<3Com Baseline Switch>debugging ifnet ?
  all      Turn on IFNET switch
  error    Turn on ERROR switch
  event    Turn on EVENT switch
  piso     Turn on PISO switch
<3Com Baseline Switch>debugging ifnet all ?
<cr>
<3Com Baseline Switch>debugging ifnet error ?
<cr>
<3Com Baseline Switch>debugging ifnet event ?
<cr>
<3Com Baseline Switch>debugging ifnet piso ?
<cr>

<3Com Baseline Switch>debugging igmp-snooping ?
  abnormal Abnormal debugging information
  all      All debugging information
  driver   Driver debugging information
  event    Event debugging information
  group    Group debugging information
  packet   Packet debugging information
  timer    Timer debugging information
<3Com Baseline Switch>debugging igmp-snooping abnormal ?
<cr>
<3Com Baseline Switch>debugging igmp-snooping driver ?
<cr>
<3Com Baseline Switch>debugging igmp-snooping all ?
<cr>
<3Com Baseline Switch>debugging igmp-snooping event ?
<cr>
<3Com Baseline Switch>debugging igmp-snooping group ?
<cr>
<3Com Baseline Switch>debugging igmp-snooping packet ?
  vlan    Configure characteristic on VLAN
<cr>
<3Com Baseline Switch>debugging igmp-snooping packet vlan ?
  INTEGER<1-4094> Specify VLAN ID from 1 to 4094
<3Com Baseline Switch>debugging igmp-snooping timer ?
<cr>

<3Com Baseline Switch>debugging ip ?
  error   Error debugging function

```

```

icmp    ICMP transactions
packet  Packet debugging function
<3Com Baseline Switch>debugging ip error ?
<cr>
<3Com Baseline Switch>debugging ip icmp ?
<cr>
<3Com Baseline Switch>debugging ip packet ?
acl     Use access-list number
<cr>
<3Com Baseline Switch>debugging ip packet acl ?
INTEGER<2000-3999>  Apply basic or advanced acl

```

```

<3Com Baseline Switch>debugging link-aggregation ?
all     All debugging switch
error   Error debugging switch
event   Event debugging switch
lACP    Configure LACP Protocol
<3Com Baseline Switch>debugging link-aggregation all ?
<cr>

```

...

```

<3Com Baseline Switch>debugging link-aggregation lACP ?
fsm     LACP state machine debugging switch
packet  LACP packet debugging switch
<3Com Baseline Switch>debugging link-aggregation lACP fsm ?
actorchurn  ACTOR CHURN state machine debugging switch
all         All state machine debugging switch
mux        MUX state machine debugging switch
partnerchurn  PARTNER CHURN state machine debugging switch
ptx       PTX state machine debugging switch
rx        RX state machine debugging switch
<3Com Baseline Switch>debugging link-aggregation lACP

```

fsm actorchurn ?

```

interface  Specify interface
mux        MUX state machine debugging switch
partnerchurn  PARTNER CHURN state machine debugging

```

switch

```

ptx       PTX state machine debugging switch
rx        RX state machine debugging switch
<cr>

```

```

<3Com Baseline Switch>debugging link-
aggregation lACP fsm actorchurn interface ?

```

```

GigabitEthernet GigabitEthernet interface
<3Com Baseline Switch>debugging link-

```

aggregation lACP fsm actorchurn mux ?

```

interface  Specify interface
partnerchurn  PARTNER CHURN state machine

```

debugging switch

```

ptx       PTX state machine debugging

```

switch

```

rx        RX state machine debugging

```

switch

<cr>

```

<3Com Baseline Switch>debugging link-
aggregation lACP fsm actorchurn mux partnerchurn ?

```

```

interface  Specify interface
ptx       PTX state machine

```

debugging switch

```

rx        RX state machine debugging

```

switch

```

                                <cr>
                                <3Com Baseline Switch>debugging
link-aggregation lacp fsm actorchurn mux partnerchurn ptx ?
                                interface Specify interface
                                rx          RX state machine
debugging switch
                                <cr>
                                <3Com Baseline
Switch>debugging link-aggregation lacp fsm actorchurn mux partnerchurn ptx rx ?
                                interface Specify
interface
                                <cr>
                                <3Com Baseline Switch>debugging
link-aggregation lacp fsm actorchurn mux partnerchurn rx ?
                                interface Specify interface
                                ptx          PTX state machine
debugging switch
                                <cr>
                                <3Com Baseline
Switch>debugging link-aggregation lacp fsm actorchurn mux partnerchurn rx ptx ?
                                interface Specify
interface
                                <cr>
                                ...
                                <3Com Baseline Switch>debugging link-aggregation lacp packet ?
                                all          All packet debugging switch
                                receive Received packet debugging switch
                                send        Sent packet debugging switch
packet all ?
                                <3Com Baseline Switch>debugging link-aggregation lacp
                                interface Specify interface
                                <cr>
                                <3Com Baseline Switch>debugging link-aggregation lacp
packet receive ?
                                interface Specify interface
                                send        Sent packet debugging switch
                                <cr>
                                <3Com Baseline Switch>debugging link-
aggregation lacp packet receive send ?
                                interface Specify interface
                                <cr>
                                <3Com Baseline Switch>debugging link-aggregation lacp
packet send ?
                                interface Specify interface
                                receive Received packet debugging switch
                                <cr>
                                <3Com Baseline Switch>debugging link-
aggregation lacp packet send receive ?
                                interface Specify interface
                                <cr>

<3Com Baseline Switch>debugging lldp ?
all          All debug switch
error       Error debug switch
event       Event debug switch
fsm         Debug switch for state machine
packet      Packet debug switch
                                <3Com Baseline Switch>debugging lldp fsm ?
                                interface Specify interface
                                <cr>

```


<3Com Baseline Switch>debugging local-server ?

```
all      Debug all
error    Debug error
event    Debug event
packet   Debug packet
```

<3Com Baseline Switch>debugging ndp ?

```
packet   Packet debugging functions
```

<3Com Baseline Switch>debugging ni ?

```
-c        Set the number of packet to be printed
-s        Set the length of packet to be printed
catch     Catch and statistic the packet to CPU by mac ip etc
display   Display
event     NI module: Event of Pkt receive or send
memory    NI module: MemAlloc status
pkt       NI module: Packet information
status    NI module: Status
```

<3Com Baseline Switch>debugging ni -c ?

```
INTEGER<1-4294967295> Number of packet to be printed
```

<3Com Baseline Switch>debugging ni -s ?

```
INTEGER<64-128> Length of packet to be printed
```

<3Com Baseline Switch>debugging ni catch ?

```
by       By
end      End
```

<3Com Baseline Switch>debugging ni catch by ?

```
da       Dest packet mac
dip      Dest IP
etype    Packet type
iptype   Packet IP type
sa       Source packet mac
sip      Source IP
vlan     VLAN
```

<3Com Baseline Switch>debugging ni catch end ?

```
<cr>
```

<3Com Baseline Switch>debugging ni display ?

```
all      All packet
broadcast Broadcast packet
chip     Dev
cos      COS
dest_mac Dest packet mac
dip      Dest IP
etype    Packet ethernet type
iptype   Packet IP type
multicast Multicast packet
port     Port
reason   Receive packet reason
receive  Receive packet
send     Send packet
sip      Source IP
source_mac Source packet mac
switchflag display switch flag
unicast  Unicast packet
vlan     VLAN
```

<3Com Baseline Switch>debugging ni event ?

```
<cr>
```

<3Com Baseline Switch>debugging ni memory ?

```

<cr>
<3Com Baseline Switch>debugging ni pkt ?
<cr>
<3Com Baseline Switch>debugging ni status ?
<cr>

```

```

<3Com Baseline Switch>debugging ntdp ?
all      All debugging functions
data     Data debugging functions
error    Error debugging functions
message  Message debugging functions
packet   Packet debugging functions

```

```

<3Com Baseline Switch>debugging ntp-service ?
access   Access control debugging functions
adjustment Clock adjusting debugging functions
all      All debugging functions
authentication Identity authentication debugging functions
event    Event debugging functions
filter   Loop filtering information debugging functions
packet   Packet debugging functions
parameter Clock parameter debugging functions
selection Clock selection information debugging functions
synchronization Clock synchronization information debugging functions
validity Remote host validity debugging functions

```

```

<3Com Baseline Switch>debugging ntp-service access ?
<cr>
<3Com Baseline Switch>debugging ntp-service adjustment ?
<cr>
<3Com Baseline Switch>debugging ntp-service all
<cr>
<3Com Baseline Switch>debugging ntp-service authentication ?
<cr>
<3Com Baseline Switch>debugging ntp-service event ?
<cr>
<3Com Baseline Switch>debugging ntp-service filter ?
<cr>
<3Com Baseline Switch>debugging ntp-service packet ?
<cr>
<3Com Baseline Switch>debugging ntp-service parameter ?
<cr>
<3Com Baseline Switch>debugging ntp-service selection ?
<cr>
<3Com Baseline Switch>debugging ntp-service synchronization ?
<cr>
<3Com Baseline Switch>debugging ntp-service validity ?
<cr>

```

```

<3Com Baseline Switch>debugging pki ?
all      Display all PKI debug information
certificate Debugging certificate information
error    Debugging certificate error information
request  Debugging certificate request information
retrieval Debugging certificate retrieval information
verify   Debugging certificate verify information
<3Com Baseline Switch>debugging pki all ?

```

```

function
policy ?
    <cr>
    <3Com Baseline Switch>debugging pki certificate ?
        access-control-policy Debugging certificate access control policy
    <3Com Baseline Switch>debugging pki certificate access-control-
        <cr>
    <3Com Baseline Switch>debugging pki error ?
        <cr>
    <3Com Baseline Switch>debugging pki request ?
        <cr>
    <3Com Baseline Switch>debugging pki retrieval ?
        <cr>
    <3Com Baseline Switch>debugging pki verify ?
        <cr>

<3Com Baseline Switch>debugging port-security ?
    all Specify port-security all debugging switch
    error Specify error debugging switch
    event Specify event debugging switch
    <3Com Baseline Switch>debugging port-security all ?
        <cr>
    <3Com Baseline Switch>debugging port-security error ?
        <cr>
    <3Com Baseline Switch>debugging port-security event ?
        <cr>

<3Com Baseline Switch>debugging qos ?
    all All the QoS debugging functions
    car CAR debugging functions
    cbq CBWFQ debugging functions
    error Error debugging functions
    event Event debugging functions
    gts GTS debugging functions
    match Match debugging functions
    remark Remark debugging functions
    <3Com Baseline Switch>debugging qos all ?
        <cr>
    <3Com Baseline Switch>debugging qos car ?
        <cr>
    <3Com Baseline Switch>debugging qos cbq ?
        af CBWFQ AF debugging functions
        be CBWFQ BE debugging functions
        ef CBWFQ EF debugging functions
        <3Com Baseline Switch>debugging qos cbq af ?
            <cr>
        <3Com Baseline Switch>debugging qos cbq be ?
            <cr>
        <3Com Baseline Switch>debugging qos cbq ef ?
            <cr>
    <3Com Baseline Switch>debugging qos error ?
        <cr>
    <3Com Baseline Switch>debugging qos event ?
        <cr>
    <3Com Baseline Switch>debugging qos gts ?
        <cr>
    <3Com Baseline Switch>debugging qos match ?
        <cr>
    <3Com Baseline Switch>debugging qos remark ?

```

<cr>

```
<3Com Baseline Switch>debugging radius ?
packet Radius packet debugging functions
<3Com Baseline Switch>debugging radius packet ?
<cr>
```

```
<3Com Baseline Switch>debugging rm ?
all Open/Close RM all debug switch
backup Open/Close RM Backup debug switch
ipv4 Open/Close RM ipv4 debug switch
job Open/Close RM job debug switch
policy Open/Close RM route policy debug switch
system Open/Close RM system debug switch
task Open/Close RM task debug switch
timer Open/Close RM timer debug switch
<3Com Baseline Switch>debugging rm all ?
<cr>
<3Com Baseline Switch>debugging rm backup ?
<cr>
<3Com Baseline Switch>debugging rm ipv4 ?
im Open/Close RM interface debug switch
msr Open/Close RM multicast static route debug switch
rcom Open/Close RM flash fib debug switch
rr Open/Close RM route relay debug switch
rtmsg Open/Close RM urt message debug switch
urt Open/Close RM routing table debug switch
usr Open/Close RM unicast static route debug switch
<3Com Baseline Switch>debugging rm ipv4 im ?
<cr>
<3Com Baseline Switch>debugging rm ipv4 msr ?
<cr>
<3Com Baseline Switch>debugging rm ipv4 rcom ?
ip-prefix Set ip-prefix list for special destination
<cr>
<3Com Baseline Switch>debugging rm ipv4 rcom ip-prefix
?
STRING<1-19> Set ip-prefix list for special
destination
<3Com Baseline Switch>debugging rm ipv4 rr ?
<cr>
<3Com Baseline Switch>debugging rm ipv4 rtmsg ?
<cr>
<3Com Baseline Switch>debugging rm ipv4 urt ?
ip-prefix Set ip-prefix list for special destination
<cr>
<3Com Baseline Switch>debugging rm ipv4 urt ip-prefix ?
STRING<1-19> Set ip-prefix list for special
destination
<3Com Baseline Switch>debugging rm ipv4 usr ?
<cr>

<3Com Baseline Switch>debugging rmon ?
error Specify error level for debugging information
info Specify info level for debugging information
warning Specify warning level for debugging information
<cr>
```

```
<3Com Baseline Switch>debugging sc ?
  all    Specify all debugging switch of sc module
  error  Specify error debugging switch
  event  Specify event debugging switch
```

```
<3Com Baseline Switch>debugging snmp ?
```

```
  agent  SNMP agent debugging
  trap   SNMP trap debugging
```

```
<3Com Baseline Switch>debugging snmp agent ?
```

```
  packet  SNMP packet debugging
  process  SNMP agent process debugging
```

```
<3Com Baseline Switch>debugging snmp agent packet ?
```

```
  header  SNMP packet header debugging
  receive  SNMP received packet debugging
  send     SNMP sent packet debugging
```

```
<3Com Baseline Switch>debugging snmp agent packet
```

```
header ?
```

```
<cr>
```

```
<3Com Baseline Switch>debugging snmp agent packet
```

```
receive ?
```

```
<cr>
```

```
<3Com Baseline Switch>debugging snmp agent packet send
```

```
?
```

```
<cr>
```

```
<3Com Baseline Switch>debugging snmp agent process ?
```

```
  all      SNMP agent the whole process debugging
  decode   SNMP agent decode process debugging
  stack    SNMP agent handling PDU process debugging
  txrx     SNMP agent transfer and receive process debugging
```

```
<3Com Baseline Switch>debugging snmp agent process all
```

```
?
```

```
  error    Specify error level for debugging
```

```
information
```

```
  info     Specify info level for debugging information
```

```
  warning  Specify warning level for debugging
```

```
information
```

```
<cr>
```

```
<3Com Baseline Switch>debugging snmp agent process
```

```
decode ?
```

```
  error    Specify error level for debugging
```

```
information
```

```
  info     Specify info level for debugging information
```

```
  warning  Specify warning level for debugging
```

```
information
```

```
<cr>
```

```
<3Com Baseline Switch>debugging snmp agent process
```

```
stack ?
```

```
  error    Specify error level for debugging
```

```
information
```

```
  info     Specify info level for debugging information
```

```
  warning  Specify warning level for debugging
```

```
information
```

```
<cr>
```

```
<3Com Baseline Switch>debugging snmp agent process txrx
```

```
?
```

```
  error    Specify error level for debugging
```

```
information
```

```
  info     Specify info level for debugging information
```

```
  warning  Specify warning level for debugging
```

information

```

                                <cr>
<3Com Baseline Switch>debugging snmp trap ?
  packet  SNMP trap packet debugging
  process SNMP trap process debugging
    <3Com Baseline Switch>debugging snmp trap packet ?
      <cr>
    <3Com Baseline Switch>debugging snmp trap process ?
      error   Specify error level for debugging information
      info    Specify info level for debugging information
      warning Specify warning level for debugging information
      <cr>

<3Com Baseline Switch>debugging ssh ?
  client Specify SSH client attribute
  server Specify the server attribute
    <3Com Baseline Switch>debugging ssh client ?
      all     All information
      error   Error information
      event   Event information
      message Message information
    <3Com Baseline Switch>debugging ssh server ?
      all All information
      vty Specify VTY
        <3Com Baseline Switch>debugging ssh server all ?
          <cr>
        <3Com Baseline Switch>debugging ssh server vty ?
          INTEGER<0-15> VTY number

<3Com Baseline Switch>debugging ssl ?
  all     All debugging functions
  error   Error debugging function
  event   Event debugging function
  packet  Packet debugging function

<3Com Baseline Switch>debugging stp ?
  all           Specify all debug switch
  event        Specify event debug switch
  fsm          Specify stp finite state machine debug switch
  global-error Specify global error debug switch
  global-event Specify global event debug switch
  packet       Specify packet debug switch
  roles        Specify roles changing debug switch
  tc           Specify tc debug switch
    <3Com Baseline Switch>debugging stp all ?
      <cr>
    <3Com Baseline Switch>debugging stp event ?
      interface Specify interface
      <cr>
        <3Com Baseline Switch>debugging stp event interface ?
          GigabitEthernet GigabitEthernet interface
    <3Com Baseline Switch>debugging stp fsm ?
      instance  Spanning tree instance
      interface Specify interface
      <cr>
        <3Com Baseline Switch>debugging stp fsm instance ?
          INTEGER<0-3> Identifier of spanning tree instance
        <3Com Baseline Switch>debugging stp fsm interface ?

```

GigabitEthernet GigabitEthernet interface

<3Com Baseline Switch>debugging stp global-error ?

<cr>

<3Com Baseline Switch>debugging stp global-event ?

<cr>

<3Com Baseline Switch>debugging stp packet ?

brief Brief packet information

interface Specify interface

receive Specify receive packet debug switch

send Specify send packet debug switch

verbose Verbose packet information

<cr>

<3Com Baseline Switch>debugging stp packet brief ?

<cr>

<3Com Baseline Switch>debugging stp packet interface ?

GigabitEthernet GigabitEthernet interface

<3Com Baseline Switch>debugging stp packet receive ?

brief Brief packet information

interface Specify interface

verbose Verbose packet information

<cr>

<3Com Baseline Switch>debugging stp packet receive

brief ?

<cr>

<3Com Baseline Switch>debugging stp packet receive

interface ?

GigabitEthernet GigabitEthernet interface

<3Com Baseline Switch>debugging stp packet receive

verbose ?

<cr>

<3Com Baseline Switch>debugging stp packet send ?

brief Brief packet information

interface Specify interface

verbose Verbose packet information

<cr>

<3Com Baseline Switch>debugging stp packet verbose ?

<cr>

<3Com Baseline Switch>debugging stp roles ?

<cr>

<3Com Baseline Switch>debugging stp tc ?

interface Specify interface

<cr>

<3Com Baseline Switch>debugging stp tc interface ?

GigabitEthernet GigabitEthernet interface

<3Com Baseline Switch>debug tcp ?

event Event debugging functions

md5 Md5 authentication data

packet Packet debugging functions

<3Com Baseline Switch>debug tcp event ?

INTEGER<1-150> Task id

<cr>

<3Com Baseline Switch>debug tcp md5 ?

<cr>

<3Com Baseline Switch>debug tcp packet ?

INTEGER<1-150> Task id

<cr>

<3Com Baseline Switch>debug telnet ?

<cr>

```
<3Com Baseline Switch>debug udp ?
packet Packet debugging functions
  <3Com Baseline Switch>debug udp packet ?
    INTEGER<1-100> Task id
  <cr>
```

```
<3Com Baseline Switch>debug user-bind ?
all Specify userbind all debugging switch
error Specify error debugging switch
event Specify event debugging switch
```

```
<3Com Baseline Switch>debug vfs ?
flash Flash debugging functions
low Low-level interface debugging functions
nandflash NAND flash file system
  <3Com Baseline Switch>debug vfs flash ?
    <cr>
  <3Com Baseline Switch>debug vfs low ?
    <cr>
  <3Com Baseline Switch>debug vfs nandflash ?
    all Specify all debugging switch
    error Specify error debugging switch
    information Specify information debugging switch
      <3Com Baseline Switch>debug vfs nandflash all ?
        <cr>
      <3Com Baseline Switch>debug vfs nandflash error ?
        <cr>
      <3Com Baseline Switch>debug vfs nandflash information ?
        <cr>
      <3Com Baseline Switch>debug vfs nandflash information
```

```
<3Com Baseline Switch>debug vty ?
fsm TELNET state machine debugging functions
negotiate VTY negotiate debugging functions
  <3Com Baseline Switch>debug vty fsm ?
    <cr>
  <3Com Baseline Switch>debug vty negotiate ?
    <cr>
```

```
<3Com Baseline Switch>delete ?
/unreserved Delete a file permanently
STRING [drive][path][file name]
flash: Device name
```

```
<3Com Baseline Switch>dir ?
/all List all files
STRING [drive][path][file name]
flash: Device name
<cr>
```



```

<3Com Baseline Switch>display ?
acl                Specify acl configuration information
adjacent-table    Display ADJ information
archive           Display archive information
arp               Display ARP(Address Resolution Protocol)
                  configuration information
boot-loader       Display boot loader information
bootp             BOOTstrap Protocol
brief            Brief information of status and configuration for
                  interface(s)
channel           Informational channel status and configuration
                  information
clipboard         Clipboard status and configuration information
clock            Clock status and configuration information
cluster          Display cluster information
component         All registered component information
connection       Display connection information
cpu-usage        Cpu usage information
current-configuration Current configuration
debugging        Current setting of debugging switches
default-configuration Display system default configuration
device           Display device information
dhcp             Dynamic Host Configuration Protocol and BOOTP
                  debugging functions
dhcp-snooping    DHCP Snooping
diagnostic-information System information for diagnosis
domain           Display domain configuration
dot1x            802.1x configuration information
environment       Display environment information
fan              Display fan status
fib              FIB status and configuration information
ftp             FTP client status and configuration information
ftp-server       FTP server status and configuration information
ftp-user        FTP users status and configuration information
habp            HABP status and configuration information
history-command  The historical command information
hotkey          Hotkey status and configuration information
icmp            ICMP information
igmp-snooping    IGMP snooping group information
info-center      Show information center configuration and contents
interface        Status and configuration information for the
                  interface
ip              Specify IP(Internet Protocol) configuration
                  information
job             Schedule a system task
lACP            Configure LACP Protocol
link-aggregation Display link aggregation group information
lldp           Link Layer Discovery Protocol(802.1ab)
local-user      Local user(s) information
logbuffer       Logbuffer status and configuration information
logfile         Display log file information
loopback-detection Detect if loopback exists
mac-address     MAC address information
memory          Display memory information
mib-style       MIB style
mirroring-group Specify mirroring-group
multicast-vlan  Multicast-vlan configuration

```

nandflash	NAND flash file system
ndp	Neighbor discovery protocol
ntdp	NTDP status and configuration information
ntp-service	NTP(Network Time Protocol) service
packet-filter	Packet-filter status and configuration information
pki	Display PKI information
port	Display port information
port-group	Port group
port-isolate	Port-isolate group information
power	Display power status
public-key	Specify public-key module configuration information
qos	QoS status and configuration information
radius	Display RADIUS configuration information
reboot-type	Display reboot type
rmon	RMON information
saved-configuration	The saved configuration information
schedule	Schedule system task
sftp	Display the source specified
snmp-agent	SNMP status and configuration information
ssh	SSH status and configuration information
ssl	Display SSL (Secure Socket Layer) configuration information
stack	Switch stack system
startup	Display the configuration for startup
stop-accounting-buffer	No response acct-stop packet buffered in local memory
storm-constrain	Port storm-constrain
stp	Spanning tree protocol
system-failure	System failure handling method
system-guard	System guard function
tcp	TCP status and configuration information
telnet	TELNET status and configuration information
tftp	TFTP client status and configuration information
this	This view's current configuration
time-range	Time range status and configuration information
traffic	Traffic configuration information
transceiver	Transceiver information
trapbuffer	Trapbuffer status and configuration information
udp	UDP status and configuration information
user-bind	Bind user address
user-group	Display user group(s) configuration information
user-interface	Terminal user interface status and configuration information
users	Login users status and configuration information
version	System hardware and software version information
vlan	VLAN configuration information
voice	Voice VLAN
web	Web

```

<3Com Baseline Switch>display acl ?
  INTEGER<2000-2999> Specify a basic acl
  INTEGER<3000-3999> Specify an advanced acl
  INTEGER<4000-4999> Specify an ethernet frame header acl
  all                All the IPv4 acl
  name               Specify a named acl
  resource           Display acl resource information
    <3Com Baseline Switch>display acl all ?
      <cr>
    <3Com Baseline Switch>display acl name ?
      STRING<1-32> Specify an acl name. Can't use 'all' as acl name.
    <3Com Baseline Switch>display acl resource ?

```

<cr>

```

<3Com Baseline Switch>display adjacent-table ?
  all          Display ADJ entries
  physical-interface  Display ADJ entries by physical interface
  routing-interface  Display ADJ entries by routing interface
  slot         Display ADJ entries by slot
  <3Com Baseline Switch>display adjacent-table all ?
    count      ADJ entries count
    verbose    Verbose information
  <cr>
    <3Com Baseline Switch>display adjacent-table all count ?
    <cr>
    <3Com Baseline Switch>display adjacent-table all verbose ?
    <cr>
  <3Com Baseline Switch>display adjacent-table physical-interface ?
^
  % Unrecognized command found at '^' position.
<3Com Baseline Switch>display adjacent-table routing-interface ?
^
  % Unrecognized command found at '^' position.
<3Com Baseline Switch>display adjacent-table slot ?
^
  % Unrecognized command found at '^' position.

<3Com Baseline Switch>display archive ?
  configuration  Display configuration archive information
  <3Com Baseline Switch>display archive configuration ?
  <cr>

<3Com Baseline Switch>display arp ?
  X.X.X.X      Display ARP entry by special IP address
  all          Display static&dynamic ARP entry
  anti-attack  Display ARP anti-attack information
  count        ARP Entries count
  detection    Display ARP detection information
  dynamic      Display dynamic ARP entry
  interface    Display by Interface
  static       Display static ARP entry
  timer        Display ARP timer
  vlan         Display by VLAN
  |            Output modifiers
  <cr>
  <3Com Baseline Switch>display arp all ?
    count      ARP Entries count
    |          Output modifiers
    <cr>
    <3Com Baseline Switch>display arp all count ?
    <cr>
  <3Com Baseline Switch>display arp anti-attack ?
    source-mac  Display ARP fixed source MAC address anti-attack function
                information
    <3Com Baseline Switch>display arp anti-attack source-mac ?
    interface  Display by Interface
    <cr>

```

```

interface ?
    <3Com Baseline Switch>display arp anti-attack source-mac
        GigabitEthernet GigabitEthernet interface
    <3Com Baseline Switch>display arp count ?
        <cr>
    <3Com Baseline Switch>display arp detection ?
        statistics Display ARP detection statistics
        <cr>
        <3Com Baseline Switch>display arp detection statistics ?
            interface Display statistics by interface
            <cr>
            <3Com Baseline Switch>display arp detection statistics
interface ?
        GigabitEthernet GigabitEthernet interface
    <3Com Baseline Switch>display arp dynamic ?
        count ARP Entries count
        | Output modifiers
        <cr>
        <3Com Baseline Switch>display arp dynamic count ?
            <cr>
    <3Com Baseline Switch>display arp interface ?
        GigabitEthernet GigabitEthernet interface
    <3Com Baseline Switch>display arp static ?
        count ARP Entries count
        | Output modifiers
        <cr>
        <3Com Baseline Switch>display arp static count ?
            <cr>
    <3Com Baseline Switch>display arp timer ?
        aging Display current ARP aging timer
        <3Com Baseline Switch>display arp timer aging ?
            <cr>
    <3Com Baseline Switch>display arp vlan ?
        INTEGER<1-4094> VLAN ID

<3Com Baseline Switch>display boot-loader ?
    <cr>

<3Com Baseline Switch>display bootp ?
    client BOOTP Client information
    <3Com Baseline Switch>display bootp client ?
        interface Specify interface
        <cr>
        <3Com Baseline Switch>display bootp client interface ?
            Vlan-interface VLAN interface
            <3Com Baseline Switch>display bootp client interface
Vlan-interface ?
        <1-1> VLAN interface

<3Com Baseline Switch>display brief ?
    interface Status and configuration information for the interface
    <3Com Baseline Switch>display brief interface ?
        GigabitEthernet GigabitEthernet interface
        NULL NULL interface
        Vlan-interface VLAN interface
        | Matching output
        <cr>
        <3Com Baseline Switch>display brief interface GigabitEthernet ?

```

```

    <1-1> Slot number
    |      Matching output
    <cr>
<3Com Baseline Switch>display brief interface NULL ?
    <0-0> NULL interface
    |      Matching output
    <cr>
<3Com Baseline Switch>display brief interface Vlan-interface ?
    <1-1> VLAN interface
    |      Matching output
    <cr>

```

```

<3Com Baseline Switch>display channel ?
    INTEGER<0-9> Information channel number
    channel6      6 channel's name is channel6
    channel7      7 channel's name is channel7
    channel8      8 channel's name is channel8
    channel9      9 channel's name is channel9
    console       0 channel's name is console
    logbuffer     4 channel's name is logbuffer
    loghost       2 channel's name is loghost
    monitor       1 channel's name is monitor
    snmpagent     5 channel's name is snmpagent
    trapbuffer    3 channel's name is trapbuffer
    <cr>

```

```

<3Com Baseline Switch>display clipboard ?
    <cr>

```

```

<3Com Baseline Switch>display clock ?
    <cr>

```

```

<3Com Baseline Switch>display cluster ?
    base-topology    Display cluster base topology
    black-list       Display cluster black-list
    candidates       List cluster candidate(s) information
    current-topology Display cluster current topology
    members          List cluster member(s) information
    <cr>

```

```

    <3Com Baseline Switch>display cluster base-topology ?
        mac-address The source device
        member-id   The source member
    <cr>

```

```

        <3Com Baseline Switch>display cluster base-topology mac-address

```

```

        H-H-H The source device MAC

```

```

    <3Com Baseline Switch>display cluster base-topology member-id ?
        INTEGER<1-32> The source member id

```

```

<3Com Baseline Switch>display cluster black-list ?
    <cr>

```

```

<3Com Baseline Switch>display cluster candidates ?
    mac-address Verbose information about a candidate by MAC
    verbose     Verbose information of all candidates
    <cr>

```

```

    <3Com Baseline Switch>display cluster candidates mac-address ?
        H-H-H MAC address of the candidate

```

```

    <3Com Baseline Switch>display cluster candidates verbose ?
    <cr>

```

```

<3Com Baseline Switch>display cluster current-topology ?

```

```

    mac-address    The source device
    member-id      The source member
    <cr>
<3Com Baseline Switch>display cluster members ?
    INTEGER<0-32>  Member number
    verbose        Verbose information of all members
    <cr>
<3Com Baseline Switch>display cluster members verbose ?
    <cr>

<3Com Baseline Switch>display component ?
    <cr>

<3Com Baseline Switch>display connection ?
    access-type    Connection by access mode
    domain         Connection by domain name
    interface      Connection by interface
    ip             Connection by IP address
    mac           Connection by MAC address
    ucibindex      Connection by UCIB index
    user-name      Connection by user name
    vlan          Connection by VLAN-ID
    <cr>
    <3Com Baseline Switch>display connection access-type ?
        dot1x      8021x access mode
        <3Com Baseline Switch>display connection access-type dot1x ?
            <cr>
    <3Com Baseline Switch>display connection domain ?
        STRING<1-24> Domain name
    <3Com Baseline Switch>display connection interface ?
        GigabitEthernet GigabitEthernet interface
    <3Com Baseline Switch>display connection ip ?
        X.X.X.X     IP Address
    <3Com Baseline Switch>display connection mac ?
        H-H-H       MAC address
    <3Com Baseline Switch>display connection ucibindex ?
        INTEGER<0-4294967295> Connection index
    <3Com Baseline Switch>display connection user-name ?
        STRING<1-80> User name
    <3Com Baseline Switch>display connection vlan ?
        INTEGER<1-4094> VLAN ID

<3Com Baseline Switch>display cpu-usage ?
    INTEGER<1-60>  Number of items to display
    history        History of cpu-usage information in graph format
    <cr>
    <3Com Baseline Switch>display cpu-usage history ?
        task       Specify the task to be lookup
        <cr>
        <3Com Baseline Switch>display cpu-usage history task ?
            INTEGER<1-180> Task Id

            task ID table:

                1          MacS
                2          MacF
                3          VIDL
                4          TICK

```

5		STMR
6		SYSM
7		LED
8		LED3
9		ints
10	RxMi	
11	TxMi	
12	mTrA	
13	macT	
14	LPDT	
15	AtkT	
16	VMON	
17	MGRP	
18	IPCM	
19	CFM	
20	INFO	
21	LGFT	
22	EXCP	
23	DEV	
24	WORK	
25	STND	
26	SOCK	
27	ADJ4	
28	ACL	
29	VLAN	
30	mac	
31	LAGG	
32	MSTP	
33	CLST	
34	NDP	
35	NTDP	
36	HABP	
37	LLDP	
38	qos	
39	ARP	
40	IP	
41	FSLH	
42	FSLR	
43	HTTP	
44	NTPT	
45	VTYD	
46	DHCC	
47	DHCP	
48	DHSE	
49	FIB	
50	AGNT	
51	TRAP	
52	DT1X	
53	ACM	
54	LS	
55	RDSO	
56	RDS	
57	SC	
58	NAT	
59	PKI	
60	IPGD	
61	PKEY	
62	PSEC	
63	IGSP	
64	ROUT	
65	IFNT	

```

66 WEBS
67 vt0
68 PrdT
69 DrvT
70-180 [not configured]

```

```

<3Com Baseline Switch>display current-configuration ?
by-linenum      Display configuration with line number
configuration    The pre-positive and post-positive configuration information
interface        The interface configuration information
|                Matching output
<cr>

```

```

<3Com Baseline Switch>display current-configuration by-linenum ?
|                Matching output
<cr>

```

```

<3Com Baseline Switch>display current-configuration configuration ?
by-linenum      Display configuration with line number
igmp-snooping   Display Igmp-snooping configuration
isp              Display Isp configuration
luser           Display Luser configuration
mst-region      Display Mst-region configuration
pki-domain      Display Pki-domain configuration
pki-entity      Display Pki-entity configuration
post-system     Display Post-system configuration
ssl-server-policy Display Ssl-server-policy configuration
system          Display System configuration
ugroup          Display Ugroup configuration
user-interface  Display User-interface configuration
|                Matching output
<cr>

```

```

configuration by-linenum ?
|                Matching output
<cr>

```

[by-linenum can modify all the sub items]

```

<3Com Baseline Switch>display debugging ?

```

```

AAA      AAA module
ACL      ACL module
ADJ4     ADJ4 module
ARP      ARP module
CLST     CLST module
DEV      DEV module
DHCPC    DHCPC module
DHCPR    DHCPR module
DHCPSP   DHCPSP module
DOT1X    DOT1X module
ENTITY   ENTITY module
ETHER    ETHER module
FIB      FIB module
FTPD     FTPD module
HABP     HABP module
HTTTPD   HTTTPD module
IFNET    IFNET module
IP       IP module
LACP     LACP module
LAGG     LAGG module
LLDP     LLDP module

```



```

LS                LS module
MARVELL-         MARVELL- module
MCM              MCM module
MCS              MCS module
MSTP             MSTP module
NAT              NAT module
NDP              NDP module
NI               NI module
NTDP             NTDP module
NTP              NTP module
PKEY             PKEY module
PKI              PKI module
PORTSEC          PORTSEC module
QOS              QOS module
RDS              RDS module
RM               RM module
RMON             RMON module
SC               SC module
SNMP             SNMP module
SSH              SSH module
SSL              SSL module
TCP              TCP module
TELNET           TELNET module
TFTPC            TFTPC module
UDP              UDP module
USERBIND         USERBIND module
VFS              VFS module
VLAN             VLAN module
VLINK           VLINK module
VTY              VTY module
WEB              WEB module
interface        Display current setting of debugging switch of interface
                  information
<cr>
    <3Com Baseline Switch>display debugging interface ?
        GigabitEthernet  GigabitEthernet interface
        NULL              NULL interface
        Vlan-interface    VLAN interface

<3Com Baseline Switch>display default-configuration ?
<cr>

<3Com Baseline Switch>display device ?
manuinfo  Manufacture information
verbose   Display detail information
<cr>
    <3Com Baseline Switch>display device manuinfo ?
    <cr>
    <3Com Baseline Switch>display device verbose ?
    <cr>

<3Com Baseline Switch>display dhcp ?
client    DHCP Client information
relay     DHCP relay status and configuration information
    <3Com Baseline Switch>display dhcp client ?
        interface  Specify interface
        verbose    DHCP Client verbose information
    <cr>

```

```

<3Com Baseline Switch>display dhcp relay ?
all          Select all of the interfaces
information  Specify option 82 service
interface    Specify an interface
security     Specify DHCP(Dynamic Host Configuration Protocol) relay
              security configuration information
server-group Specify the server group number
statistics   Statistics information of DHCP server group

```

```

<3Com Baseline Switch>display dhcp relay all ?
<cr>

```

```

<3Com Baseline Switch>display dhcp relay information ?
all          Select all of the interfaces
interface    Specify an interface

```

```

<3Com Baseline Switch>display dhcp relay information

```

all ?

```

<cr>

```

```

<3Com Baseline Switch>display dhcp relay information

```

interface ?

```

Vlan-interface  VLAN interface

```

```

<3Com Baseline Switch>display dhcp relay interface ?
Vlan-interface  VLAN interface

```

```

<3Com Baseline Switch>display dhcp relay interface

```

Vlan-interface ?

```

<1-1>  VLAN interface

```

```

<3Com Baseline Switch>display dhcp relay security ?

```

```

X.X.X.X      The client IP address

```

```

dynamic      Dynamic dhcp relay security items

```

```

static       Static dhcp relay security items

```

```

statistics   All statistics

```

```

tracker      DHCP tracker list refresh timer interval

```

```

<cr>

```

```

<3Com Baseline Switch>display dhcp relay security

```

dynamic ?

```

<cr>

```

```

<3Com Baseline Switch>display dhcp relay security

```

static ?

```

<cr>

```

```

<3Com Baseline Switch>display dhcp relay security

```

tracker ?

```

<cr>

```

```

<3Com Baseline Switch>display dhcp relay server-group ?

```

```

INTEGER<0-19> The DHCP server group number

```

```

all          All DHCP server groups

```

```

<3Com Baseline Switch>display dhcp relay statistics ?

```

```

server-group Specify the server group number

```

```

<cr>

```

```

<3Com Baseline Switch>display dhcp relay statistics

```

server-group ?

```

INTEGER<0-19> The DHCP server group number

```

```

all          All DHCP server groups

```

```

<3Com Baseline Switch>display dhcp-snooping ?

```

```

information  Specify Option 82 service

```

```

ip          Single client ip

```

```

packet      Packet statistics function

```

```

trust       Trusted port

```

```

<cr>

```

```

<3Com Baseline Switch>display dhcp-snooping information ?

```

```

all          Select all of the interfaces

```

```

interface    Specify an interface

```

```

<3Com Baseline Switch>display dhcp-snooping information interface ?
    GigabitEthernet GigabitEthernet interface
<3Com Baseline Switch>display dhcp-snooping ip ?
    X.X.X.X IP address
<3Com Baseline Switch>display dhcp-snooping packet ?
    statistics Packet statistics information of DHCP Snooping
<3Com Baseline Switch>display dhcp-snooping trust ?
    <cr>

```

```

<3Com Baseline Switch>display diagnostic-information ?
    <cr>

```

```

<3Com Baseline Switch>display domain ?
    STRING<1-24> Domain name
    <cr>

```

```

<3Com Baseline Switch>display dot1x ?
    interface Show information of interfaces
    sessions Sessions information
    statistics Statistics information
    <cr>

```

```

    <3Com Baseline Switch>display dot1x interface ?
        GigabitEthernet GigabitEthernet interface
    <3Com Baseline Switch>display dot1x session
    <3Com Baseline Switch>display dot1x sessions ?
        interface Show information of interfaces
        <cr>

```

```

    <3Com Baseline Switch>display dot1x sessions interface ?
        GigabitEthernet GigabitEthernet interface
    <3Com Baseline Switch>display dot1x stati
    <3Com Baseline Switch>display dot1x statistics ?
        interface Show information of interfaces
        <cr>

```

```

    <3Com Baseline Switch>display dot1x statistics interface ?
        GigabitEthernet GigabitEthernet interface
    <3Com Baseline Switch>display dot1x statistics interface

```

```

<3Com Baseline Switch>display environment ?
    slot Specify the slot number
    <cr>

```

```

<3Com Baseline Switch>display environment slot ?
    INTEGER<1> Slot number
    <cr>

```

```

<3Com Baseline Switch>display fan ?
    INTEGER<1-1> Fan ID
    <cr>

```

```

<3Com Baseline Switch>display fib ?
    X.X.X.X Destination IP address
    acl Access Control List
    ip-prefix IP prefix list
    | Output modifiers
    <cr>

```

```

<3Com Baseline Switch>display fib acl ?

```

```

INTEGER<2000-2999> Apply basic acl
<3Com Baseline Switch>display fib ip-prefix ?
STRING<1-19> IP prefix-list name

<3Com Baseline Switch>display ftp ?
client FTP client status and configuration information
<3Com Baseline Switch>display ftp client ?
configuration FTP client status and configuration information
<3Com Baseline Switch>display ftp client configuration ?
<cr>

<3Com Baseline Switch>display ftp-server ?
<cr>

<3Com Baseline Switch>display ftp-user ?
<cr>

<3Com Baseline Switch>display habp ?
table HABP MAC table information
traffic HABP packets statistics
<cr>
<3Com Baseline Switch>display habp table ?
<cr>
<3Com Baseline Switch>display habp traffic ?
<cr>

<3Com Baseline Switch>display history-command ?
<cr>

<3Com Baseline Switch>display hotkey ?
<cr>
<3Com Baseline Switch>display hotkey
----- HOTKEY -----

                =Defined hotkeys=
Hotkeys Command
CTRL_G display current-configuration
CTRL_L display ip routing-table
CTRL_O undo debugging all

                =Undefined hotkeys=
Hotkeys Command
CTRL_T NULL
CTRL_U NULL

                =System hotkeys=
Hotkeys Function
CTRL_A Move the cursor to the beginning of the current line.
CTRL_B Move the cursor one character left.
CTRL_C Stop current command function.
CTRL_D Erase current character.
CTRL_E Move the cursor to the end of the current line.
CTRL_F Move the cursor one character right.
CTRL_H Erase the character left of the cursor.
CTRL_K Kill outgoing connection.

```

CTRL_N Display the next command from the history buffer.
 CTRL_P Display the previous command from the history buffer.
 CTRL_R Redisplay the current line.
 CTRL_V Paste text from the clipboard.
 CTRL_W Delete the word left of the cursor.
 CTRL_X Delete all characters up to the cursor.
 CTRL_Y Delete all characters after the cursor.
 CTRL_Z Return to the User View.
 CTRL_] Kill incoming connection or redirect connection.
 ESC_B Move the cursor one word back.
 ESC_D Delete remainder of word.
 ESC_F Move the cursor forward one word.
 ESC_N Move the cursor down a line.
 ESC_P Move the cursor up a line.
 ESC_< Specify the beginning of clipboard.
 ESC_> Specify the end of clipboard.

```

<3Com Baseline Switch>display icmp ?
  statistics Display statistic information of datagram
<3Com Baseline Switch>display icmp stati
<3Com Baseline Switch>display icmp statistics ?
<cr>
  
```

```

<3Com Baseline Switch>display igmp-snooping ?
  group          Group
  statistics     statistics information
<3Com Baseline Switch>display igmp-snooping group ?
  verbose       Detailed information
  vlan          Show one vlan group information
<cr>
<3Com Baseline Switch>display igmp-snooping group verbose ?
<cr>
<3Com Baseline Switch>display igmp-snooping group vlan ?
  INTEGER<1-4094>  VLAN ID
<3Com Baseline Switch>display igmp-snooping statistics ?
<cr>
  
```

```

<3Com Baseline Switch>display info-center ?
<cr>
  
```

```

<3Com Baseline Switch>display interface ?
  GigabitEthernet GigabitEthernet interface
  NULL             NULL interface
  Vlan-interface  VLAN interface
<cr>
  
```

```

<3Com Baseline Switch>display ip ?
  check           Check function
  http            Hypertext transfer protocol
  https          Display HTTPS server configuration and status
  interface       Display information of interfaces
  routing-table  IP routing table
  socket         Display information of created sockets
  statistics      Display statistic information of datagram
<3Com Baseline Switch>display ip check ?
  source         Source address of packet
  
```

```

<3Com Baseline Switch>display ip check source ?
  interface    Specify interface to be bound
  ip-address   Filtering source IP address
  mac-address  Filtering source MAC address
<cr>
<3Com Baseline Switch>display ip http ?
<cr>
<3Com Baseline Switch>display ip https ?
<cr>
<3Com Baseline Switch>display ip interface ?
  Vlan-interface  VLAN interface
  brief           Brief summary of IP status and configuration
<cr>
<3Com Baseline Switch>display ip interface brief ?
  Vlan-interface  VLAN interface
<cr>
<3Com Baseline Switch>display ip routing-table ?
  X.X.X.X        Destination IP address
  acl            Access control list
  ip-prefix     IP prefix list
  protocol       Specify Routing protocol
  statistics     Summary statistics of all routes
  verbose       Verbose information of routing table
  |             Output modifiers
<cr>
<3Com Baseline Switch>display ip routing-table acl ?
  INTEGER<2000-2999>  Apply basic acl
<3Com Baseline Switch>display ip routing-table ip-prefix ?
  STRING<1-19>      Name of ip-prefix
<3Com Baseline Switch>display ip routing-table protocol ?
  direct         Direct routes
  static         Static routes
<3Com Baseline Switch>display ip routing-table protocol direct ?
  inactive       Inactive route information
  verbose        Verbose information of routing table
<cr>
<3Com Baseline Switch>display ip routing-table protocol direct inactive ?
<cr>
<3Com Baseline Switch>display ip routing-table protocol direct verbose ?
<cr>
<3Com Baseline Switch>display ip routing-table protocol static ?
  inactive       Inactive route information
  verbose        Verbose information of routing table
<cr>
<3Com Baseline Switch>display ip routing-table statistics ?
<cr>
<3Com Baseline Switch>display ip routing-table verbose ?
<cr>
<3Com Baseline Switch>display ip socket ?
  INTEGER<1-150>    Task id
  socktype         Socket type
<cr>
<3Com Baseline Switch>display ip socket socktype ?
  INTEGER<1-3>     Socket type: SOCK_STREAM(1),SOCK_DGRAM(2),SOCK_RAW(3)
<3Com Baseline Switch>display ip statistics ?
<cr>

<3Com Baseline Switch>display job ?
  STRING<1-32>     Name of the task
<cr>

```

```

<3Com Baseline Switch>display lacp ?
  system-id  System ID
<3Com Baseline Switch>display lacp system-id ?
<cr>

<3Com Baseline Switch>display link-aggregation ?
  member-port  Display member(s) of link aggregation group
  summary      Summary information
  verbose      Display verbose information of link aggregation group
<3Com Baseline Switch>display link-aggregation member-port ?
  GigabitEthernet  GigabitEthernet interface
<cr>
<3Com Baseline Switch>display link-aggregation summary ?
<cr>
<3Com Baseline Switch>display link-aggregation verbose ?
<cr>

<3Com Baseline Switch>display link-aggregation ?
  member-port  Display member(s) of link aggregation group
  summary      Summary information
  verbose      Display verbose information of link aggregation group
<3Com Baseline Switch>display link-aggregation member-port ?
  GigabitEthernet  GigabitEthernet interface
<cr>
<3Com Baseline Switch>display link-aggregation summary ?
<cr>
<3Com Baseline Switch>display link-aggregation verbose ?
<cr>

<3Com Baseline Switch>display ll
<3Com Baseline Switch>display lldp ?
  local-information  Display local information
  neighbor-information  Display neighbor information
  statistics          Display statistics information
  status              Display LLDP status and configuration
  tlv-config          Display TLV configuration
<3Com Baseline Switch>display lldp local-information ?
  global  Display global information
  interface  Specify interface
<cr>
<3Com Baseline Switch>display lldp local-information global ?
<cr>
<3Com Baseline Switch>display lldp local-information interface ?
  GigabitEthernet  GigabitEthernet interface
<3Com Baseline Switch>display lldp neighbor-information ?
  brief  Brief message
  interface  Specify interface
  list  Neighbor list
<cr>
<3Com Baseline Switch>display lldp neighbor-information brief ?
<cr>
<3Com Baseline Switch>display lldp neighbor-information interface ?
  GigabitEthernet  GigabitEthernet interface
<3Com Baseline Switch>display lldp neighbor-information list ?
  system-name  Specify neighbor system name
<cr>
<3Com Baseline Switch>display lldp neighbor-information list system-name ?
  TEXT  System name (1 to 255 characters)

```

```

<3Com Baseline Switch>display lldp neighbor-information list system-name
TEXT System name (1 to 255 characters)
<3Com Baseline Switch>display lldp statistics ?
global Display global information
interface Specify interface
<cr>
<3Com Baseline Switch>display lldp statistics global ?
<cr>
<3Com Baseline Switch>display lldp statistics interface ?
GigabitEthernet GigabitEthernet interface
<3Com Baseline Switch>display lldp status ?
interface Specify interface
<cr>
<3Com Baseline Switch>display lldp tlv-config ?
interface Specify interface
<cr>

<3Com Baseline Switch>display local-user ?
idle-cut Display local user(s) information by idle cut configuration
service-type Display local user(s) information by service type
state Display local user(s) information by user state
user-name Display local user(s) information by user name
vlan Display local user(s) information by VLAN-ID
<cr>
<3Com Baseline Switch>display local-user idle-cut ?
disable Idle cut configuration is disable
enable Idle cut configuration is enable
<3Com Baseline Switch>display local-user idle-cut disable ?
<cr>
<3Com Baseline Switch>display local-user idle-cut enable ?
<cr>
<3Com Baseline Switch>display local-user service-type ?
ftp Display FTP user
lan-access Display Lan Access user
ssh Display SSH user
telnet Display TELNET user
terminal Display TERMINAL user
<3Com Baseline Switch>display local-user service-type ftp ?
<cr>
<3Com Baseline Switch>display local-user service-type lan-access ?
<cr>
<3Com Baseline Switch>display local-user service-type ssh ?
<cr>
<3Com Baseline Switch>display local-user service-type telnet ?
<cr>
<3Com Baseline Switch>display local-user service-type terminal ?
<cr>
<3Com Baseline Switch>display local-user state ?
active Active state
block Block state
<3Com Baseline Switch>display local-user state active ?
<cr>
<3Com Baseline Switch>display local-user state block ?
<cr>
<3Com Baseline Switch>display local-user user-name ?
STRING<1-55> User name
<3Com Baseline Switch>display local-user vlan ?
INTEGER<1-4094> VLAN ID

```



```

<3Com Baseline Switch>display logbuffer ?
  level    Only show items whose level match the designated level
  reverse  reverse
  size     Limit display to the most recent specified number of events
  summary  A summary of the logging buffer
  |       Output modifiers
<cr>
<3Com Baseline Switch>display logbuffer level ?
  INTEGER<0-7>  The designated level
<3Com Baseline Switch>display logbuffer reverse ?
  level    Only show items whose level match the designated level
  size     Limit display to the most recent specified number of events
  |       Output modifiers
<cr>
<3Com Baseline Switch>display logbuffer reverse level ?
  INTEGER<0-7>  The designated level
<3Com Baseline Switch>display logbuffer reverse size ?
  INTEGER<1-1024>  Number of events to display
<3Com Baseline Switch>display logbuffer size ?
  INTEGER<1-1024>  Number of events to display
<3Com Baseline Switch>display logbuffer summary ?
  level    A summary for the designated level
<cr>
<3Com Baseline Switch>display logbuffer summary level ?
  INTEGER<0-7>  Only show items whose level match the designated level

<3Com Baseline Switch>display logfile ?
  buffer   Display the buffer of log file
  summary  Display log file configuration
<3Com Baseline Switch>display logfile buffer ?
<cr>
<3Com Baseline Switch>display logfile summary ?
<cr>

<3Com Baseline Switch>display loopback-detection ?
<cr>

<3Com Baseline Switch>display mac-address ?
  H-H-H    MAC address
  aging-time  Global aging time
  blackhole  Blackhole entry, without aging, can be added/deleted, saved to
             the configuration file
  count     MAC entries count
  dynamic   Dynamic entry, with aging, can be added/deleted, lost after reset
  interface Choose one interface to display
  static    Static entry, without aging, can be added/deleted, saved to the
             configuration file
  statistics Display statistic information of MAC
  vlan     VLAN
<cr>
<3Com Baseline Switch>display mac-address aging-time ?
<cr>
<3Com Baseline Switch>display mac-address blackhole ?
  count  MAC entries count
  vlan   VLAN
<cr>
<3Com Baseline Switch>display mac-address blackhole count ?
<cr>

```

```

<3Com Baseline Switch>display mac-address blackhole vlan ?
  INTEGER<1-4094>  Identification of vlan
<3Com Baseline Switch>display mac-address count ?
<cr>
<3Com Baseline Switch>display mac-address dynamic ?
  count          MAC entries count
  interface      Choose one interface to display
  vlan           VLAN
<cr>
<3Com Baseline Switch>display mac-address interface ?
  GigabitEthernet GigabitEthernet interface
<3Com Baseline Switch>display mac-address static ?
  count          MAC entries count
  interface      Choose one interface to display
  vlan           VLAN
<cr>
<3Com Baseline Switch>display mac-address statistics ?
<cr>
<3Com Baseline Switch>display mac-address vlan ?
  INTEGER<1-4094>  Identification of vlan

<3Com Baseline Switch>display memory ?
<cr>

<3Com Baseline Switch>display mib-style ?
<cr>

<3Com Baseline Switch>display mirroring-group ?
  INTEGER<1-1>  Mirroring group number
  local         Local mirroring group
<3Com Baseline Switch>display mirroring-group local ?
<cr>

<3Com Baseline Switch>display multicast-vlan ?
  INTEGER<1-4094>  VLAN ID
<cr>

<3Com Baseline Switch>display nandflash ?
  badblock-location  The location of bad block(s)
  file-location      The location information of the object
  page-data          The data of a physical page
<3Com Baseline Switch>display nandflash badblock-location ?
<cr>
<3Com Baseline Switch>display nandflash file-location ?
  STRING  [drive][path][file name]
  flash:  Device name
<3Com Baseline Switch>display nandflash page-data ?
  INTEGER<0-4294967295>  The identification of the physical page

<3Com Baseline Switch>display ndp ?
  interface  Select interface to configure
<cr>

<3Com Baseline Switch>display ntdp ?

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device-list      Device list
single-device    The information of the Single device
<cr>
<3Com Baseline Switch>display ntdp device-list ?
verbose         Verbose information
<cr>
<3Com Baseline Switch>display ntdp device-list verbose ?
<cr>
<3Com Baseline Switch>display ntdp single-device ?
mac-address     mac address
<3Com Baseline Switch>display ntdp single-device mac-address ?
H-H-H          The MAC address of the device

<3Com Baseline Switch>display ntp-service ?
sessions        NTP connection
status          NTP status and configuration information
trace          Trace the time synchronization information
<3Com Baseline Switch>display ntp-service sessions ?
verbose         Verbose information
<cr>
<3Com Baseline Switch>display ntp-service sessions verbose ?
<cr>
<3Com Baseline Switch>display ntp-service status ?
<cr>
<3Com Baseline Switch>display ntp-service trace ?
<cr>

<3Com Baseline Switch>display packet-filter ?
all             Packet-filter information of all interface
interface       Specify one interface
<3Com Baseline Switch>display packet-filter all ?
inbound         Inbound policy
<cr>
<3Com Baseline Switch>display packet-filter all inbound ?
<cr>
<3Com Baseline Switch>display packet-filter interface ?
GigabitEthernet GigabitEthernet interface
Vlan-interface  VLAN interface

<3Com Baseline Switch>display pki ?
certificate     Information about certificate
crl             Display CRL information
<3Com Baseline Switch>display pki certificate ?
access-control-policy Display an access control policy
attribute-group Display an attribute group information
ca              CA certificate
local          Local certificate
request-status Request-status information
<3Com Baseline Switch>display pki certificate access-control-policy ?
STRING<1-16>   Access control policy name
all            All the access control policies
<3Com Baseline Switch>display pki certificate access-control-policy all ?
<cr>
<3Com Baseline Switch>display pki certificate attribute-group ?
STRING<1-16>   Attribute group name
all            All the attribute groups
<3Com Baseline Switch>display pki certificate attribute-group all ?
<cr>

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<3Com Baseline Switch>display pki certificate ca ?
  domain Specify PKI domain
<3Com Baseline Switch>display pki certificate ca domain ?
  STRING<1-15> PKI domain name
<3Com Baseline Switch>display pki certificate local ?
  domain Specify PKI domain
<3Com Baseline Switch>display pki certificate local domain ?
  STRING<1-15> PKI domain name
<3Com Baseline Switch>display pki certificate request-status ?
  <cr>
<3Com Baseline Switch>display pki crl ?
  domain Specify the PKI domain
<3Com Baseline Switch>display pki crl domain ?
  STRING<1-15> PKI domain name

<3Com Baseline Switch>display port ?
  hybrid Hybrid ports information
  trunk Trunk ports information
<3Com Baseline Switch>display port hybrid ?
  <cr>
<3Com Baseline Switch>display port trunk ?
  <cr>
<3Com Baseline Switch>display port hybrid ?
  <cr>
<3Com Baseline Switch>display port-group ?
  manual Manual port group
<3Com Baseline Switch>display port-group manual ?
  all All the manual port groups
  name Manual port group
  <cr>
<3Com Baseline Switch>display port-group manual all ?
  <cr>
<3Com Baseline Switch>display port-group manual name ?
  STRING<1-32> Manual port group name

<3Com Baseline Switch>display port-isolate ?
  group Port-isolate group
<3Com Baseline Switch>display port-isolate group ?
  <cr>

<3Com Baseline Switch>display power ?
  INTEGER<1-1> Power ID
  <cr>

<3Com Baseline Switch>display public-key ?
  local Local public key pair operations
  peer Display configuration information of the peer public key
<3Com Baseline Switch>display public-key local ?
  dsa Key type DSA
  rsa Key type RSA
<3Com Baseline Switch>display public-key local dsa ?
  public Public key of local key pair
<3Com Baseline Switch>display public-key local dsa public ?
  <cr>
<3Com Baseline Switch>display public-key local rsa ?
  public Public key of local key pair

```

```

<3Com Baseline Switch>display public-key local rsa public ?
<cr>
<3Com Baseline Switch>display public-key peer ?
  brief  Display the brief information of all remote peer public keys
  name   Display the public key information with specified name
<cr>
<3Com Baseline Switch>display public-key peer brief ?
<cr>
<3Com Baseline Switch>display public-key peer name ?
  STRING<1-64>  Name of remote peer's public key

<3Com Baseline Switch>display qos ?
  lr          LR(Line Rate) policy on physical interface
  map-table  Priority map table configuration information
  policy     QoS policy configuration information
  trust     Priority trust information
  wrr       WRR(weighted round robin queue) on port
<3Com Baseline Switch>display qos lr ?
  interface  QoS information on interface
<3Com Baseline Switch>display qos lr interface ?
  GigabitEthernet  GigabitEthernet interface
  Vlan-interface   VLAN interface
<cr>
<3Com Baseline Switch>display qos map-table ?
  dot1p-dot1p  DOT1P-TO-DOT1P predefined priority map table
  dot1p-dscp   DOT1P-TO-DSCP predefined priority map table
  dot1p-lp    DOT1P-TO-LOCAL-PRECEDENCE predefined priority map table
  dscp-dot1p  DSCP-TO-DOT1P predefined priority map table
  dscp-dscp   DSCP-TO-DSCP predefined priority map table
  dscp-lp    DSCP-TO-LOCAL-PRECEDENCE predefined priority map table
<cr>
<3Com Baseline Switch>display qos policy ?
  interface    QoS policy status and configuration information
  user-defined Defined by user
<3Com Baseline Switch>display qos policy interface ?
  GigabitEthernet  GigabitEthernet interface
  Vlan-interface   VLAN interface
  inbound          Inbound policy
<cr>
<3Com Baseline Switch>display qos policy interface inbound ?
<cr>
<3Com Baseline Switch>display qos policy user-defined ?
  STRING<1-31>  Name of QoS policy
<cr>
<3Com Baseline Switch>display qos trust ?
  interface  QoS information on interface
<3Com Baseline Switch>display qos wrr ?
  interface  QoS information on interface

<3Com Baseline Switch>display radius ?
  scheme      The RADIUS scheme information
  statistics  Statistics information
<3Com Baseline Switch>display radius scheme ?
  STRING<1-32>  The RADIUS scheme name in the system. If not inputted, show the
                information of all the RADIUS scheme(s)
<cr>
<3Com Baseline Switch>display radius statistics ?
<cr>

```