

USER MODE

Command	Description
enable	After password authentication enable privileged mode
help	Access to the help
logout	Log out of the system

PRIVILEGED MODE

Command	Description
boot	Set system boot parameters
boot factory-reset	Do factory reset
boot upgrade	Upgrade boot image
clock	Set current system time and date
clock date	Set current system date (YYYY-MM-DD)
clock time	Set current system time (hh:mm:ss)
configure	Switch to configuration commands
copy	Copy data from one file to another (details TBD)
copy nvm	Copy from NVM (non-volatile memory)
copy ram	Copy from RAM (volatile memory)
copy running-config	Copy running-config

Command	Description
copy running-config boot-config	Copy running-config to boot-config
copy running-config nvram	Copy running-config to NVM (non-volatile memory)
copy running-config ram	Copy running-config to RAM (volatile memory)
copy running-config sftp	Copy running config to SFTP server
copy running-config tftp	Copy running config to TFTP server
copy sftp	Copy from SFTP
copy tftp	Copy from TFTP
dir	List files from local storage
dir nvram	List files from NVM (non-volatile memory)
dir ram	List files from RAM (volatile memory)
disable	Disable privileged commands
exit	Return to the previous level
export-help	View help of all commands
help	Access to the help
reboot	It will perform a restart of the device
rmfile	Remove a file
rmfile nvram	Remove a file from NVM (non-volatile memory)
rmfile ram	Remove a file from RAM (volatile memory)
view	View information about the running system

Command	Description
view bootvar	View boot information
view boot-config	View boot configuration
view clock	View current system time and date
view diff	Compare boot configuration with running configuration
view dot1x	View DOT1X settings
view dot1x authenticator	View Authenticator status
view dot1x authenticator state	View authenticator state
view dot1x authenticator statistics	View authenticator statistics
view dot1x authenticator statistics	FramesRx View column Frames Rx
view dot1x authenticator statistics	FramesTx View column Frames Tx
view dot1x authenticator statistics	StartFramesRx View column Start Frames Rx
view dot1x authenticator statistics	LogoffFramesRx View column Logoff Frames Rx
view dot1x authenticator statistics	RespIdFramesRx View column Resp IdFrames Rx
view dot1x authenticator statistics	RespFramesRx View column Resp Frames Rx
view dot1x authenticator statistics	ReqIdFramesTx View column ReqId Frames Tx

Command	Description
view dot1x authenticator statistics	ReqFramesTx View column Req Frames Tx
view dot1x authenticator statistics	InvalidFramesRx View column Invalid Frames Rx
view dot1x authenticator statistics	LengthErrorFramesRx View column Length Error Frames Rx
view dot1x authenticator statistics	LastFrameVersion View column Last Frame Version
view dot1x authenticator statistics	LastFrameSource View column Last Frame Source
view dot1x authenticator diagnostic	S View authenticator diagnostics
view dot1x authenticator diagnostic	S EntersConn View column Enters connecting
view dot1x authenticator diagnostic	S LogoffsWhileConn View column Logoffs while connecting
view dot1x authenticator diagnostic	S EntersAuth View column Enters authenticating
view dot1x authenticator diagnostic	S SuccessWhileAuth View column Success while authenticating
view dot1x authenticator diagnostic	S TimeoutsWhileAuth View column Timeouts while authenticating
view dot1x authenticator diagnostic	S FailWhileAuth View column Fail while authenticating

Command	Description
view dot1x authenticator diagnostic	S ReauthsWhileAuthing View column Reauths while authenticating
view dot1x authenticator diagnostic	S StartsWhileAuthing View column Starts while authenticating
view dot1x authenticator diagnostic	S LogoffWhileAuthing View column Logoff while authenticating
view dot1x authenticator diagnostic	S ReauthsWhileAuthenticated View column Reauths while authenticated
view dot1x authenticator diagnostic	S StartsWhileAuthenticated View column Starts while authenticated
view dot1x authenticator diagnostic	S LogoffWhileAuthenticated View column Logoff while authenticated
view dot1x authenticator diagnostic	S BackendResponses View column Backend responses
view dot1x authenticator diagnostic	S AccessChallenges View column Access challenges
view dot1x authenticator diagnostic	S OtherRequests View column Other Requests to supplicant
view dot1x authenticator diagnostic	S NonNakResponses View column NonNak Responses from supplicant
view dot1x authenticator diagnostic	S AuthSuccesses View column Auth Successes
view dot1x authenticator diagnostic	S AuthFails View column Auth Fails

Command	Description
view dot1x authenticator session	View authenticator session
view dot1x authenticator port	View authenticator port
view dot1x authenticator port P1	Specific port for Authenticator
view dot1x authenticator port P2	Specific port for Authenticator
view dot1x authenticator port P3	Specific port for Authenticator
view dot1x authenticator port P4	Specific port for Authenticator
view dot1x authenticator port P5	Specific port for Authenticator
view dot1x authenticator port G1	Specific port for Authenticator
view dot1x authenticator port G2	Specific port for Authenticator
view dot1x supplicant	View Supplicant status
view dot1x supplicant state	View supplicant state
view dot1x supplicant statistics	View supplicant statistics
view dot1x supplicant statistics Fr	AmesRx View column Frames Rx
view dot1x supplicant statistics Tx	AmesTx View column Frames Tx

Command	Description
view dot1x supplicant statistics St	ArtFramesTx View column Start Frames Tx
view dot1x supplicant statistics Lo	GoffFramesTx View column Logoff Frames Tx
view dot1x supplicant statistics Re	SpIdFramesTx View column Resp IdFrames Tx
view dot1x supplicant statistics Re	SpFramesTx View column Resp Frames Tx
view dot1x supplicant statistics Re	QIdFramesRx View column ReqId Frames Rx
view dot1x supplicant statistics Re	QFramesRx View column Req Frames Rx
view dot1x supplicant statistics In	ValidFramesRx View column Invalid Frames Rx
view dot1x supplicant statistics Le	NgthErrorFramesRx View column Length Error Frames Rx
view dot1x supplicant statistics La	StFrameVersion View column Last Frame Version
view dot1x supplicant statistics La	StFrameSource View column Last Frame Source
view dot1x supplicant port	View supplicant port
view dot1x supplicant port P1	Specific port for Supplicant
view dot1x supplicant port P2	Specific port for Supplicant
view dot1x supplicant port P3	Specific port for Supplicant

Command	Description
view dot1x supplicant port P4	Specific port for Supplicant
view dot1x supplicant port P5	Specific port for Supplicant
view dot1x supplicant port G1	Specific port for Supplicant
view dot1x supplicant port G2	Specific port for Supplicant
view ports	View information about ports
view ports alias	View alias (description) of ports
view ports errorCounters	View error counters for ports
view ports summary	View summary of ports
view ports stats	View statistics for ports
view ports status	View status of all device ports
view input	View digital inputs
view ip	View information about network settings
view log	View log contents
view log count	Count all events
view log count emergency	Count only emergency severity
view log count alert	Count only alert severity
view log count critical	Count only critical severity
view log count error	Count only error severity
view log count warning	Count only warning severity

Command	Description
view log count notice	Count only notice severity
view log count info	Count only info severity
view log count debug	Count only debug severity
view log list	List all events
view log list emergency	List only emergency severity
view log list alert	List only alert severity
view log list critical	List only critical severity
view log list error	List only error severity
view log list warning	List only warning severity
view log list notice	List only notice severity
view log list info	List only info severity
view log list debug	List only debug severity
view mac	View MAC status
view mac address-table	MAC address table
view poe	View PoE power status
view poe consumption	View PoE power consumption
view poe status	View PoE power status
view poe version	View PoE running SW version
view power	View power configurations

Command	Description
view power supply	Show supply power status
view radius	View RADIUS configuration
view radius server1	View RADIUS server 1 settings
view radius server2	View RADIUS server 2 settings
view ring	View LAN-RING protocol status
view ring status	View ring status
view running-config	View current (running) configuration
view syslog	View SYSLOG
view system	View basic system information
view tacacs	View TACACS configuration
view topology	View selected topology protocol
view version	View hardware and firmware details
view vlan	View VLAN configuration and status

CONFIGURATION

Command	Description
accounting	Accounting configurations parameters
accounting all	All commands
accounting all method1	First accounting method

Command	Description
accounting all method1 deny	No accounting
accounting all method1 permit	Permit accounting
accounting all method1 tacacs	TACACS+ accounting
accounting all method2	Second accounting method
accounting all method2 deny	No accounting
accounting all method2 permit	Permit accounting
accounting all method2 tacacs	TACACS+ accounting
accounting all method3	Third accounting method
accounting all method3 deny	No accounting
accounting all method3 permit	Permit accounting
accounting all method3 tacacs	TACACS+ accounting
authorization	Authorization configurations parameters
authorization all	All commands
authorization all method1	First authorization method
authorization all method1 deny	No authorization
authorization all method1 permit	Permit authorization
authorization all method1 tacacs	TACACS+ authorization
authorization all method2	Second authorization method
authorization all method2 deny	No authorization

Command	Description
authorization all method2 permit	Permit authorization
authorization all method2 tacacs	TACACS+ authorization
authorization all method3	Third authorization method
authorization all method3 deny	No authorization
authorization all method3 permit	Permit authorization
authorization all method3 tacacs	TACACS+ authorization
description	Set system description
do	Do command from privileged mode
dot1x	Configure IEEE 802.1X
dot1x disable	Disable NAS service
dot1x enable	Enable NAS service
enable-password	Set enable password
enable-password hash	Set enable password as HASH
enable-password sha-512	Set enable password as SHA-512
enable-password none	Remove enable password
end	Return to the previous level
exit	Return to the previous level
port	Set port
port P1	P1

Command	Description
port P2	P2
port P3	P3
port P4	P4
port P5	P5
port G1	G1
port G2	G2
ring	Set METEL LAN-RING protocol
ring R1	R1
line	Configure line (USB/SSH) settings
line usb	USB interface
line ssh	SSH interface
snmp	Configure SNMP settings
snmp version	Configure SNMP version
snmp version v2c	Set SNMP to version 2c
snmp version v3	Set SNMP to version 3
snmp trap	Configure SNMP trap
snmp trap conf-changed	Configuration changed TRAP settings
snmp trap conf-changed changed-disa	Ble Disable configuration changed

Command	Description
snmp trap conf-changed changed-enab	Le Enable configuration changed
snmp trap live-check	Live check TRAP settings
snmp trap live-check disable	Disable trap destination
snmp trap live-check enable	Enable trap destination
snmp trap live-check timeout	Set timeout [s]
snmp trap live-check syslog-disable	Disable write to logger
snmp trap live-check syslog-enable	Enable write to logger
snmp trap temperature	Temperature monitoring SNMP trap configuration
snmp trap temperature limit	Set limit [C]
snmp trap temperature over-limit-di	Sable Disable SNMP trap when temperature exceeds upper limit
snmp trap temperature over-limit-en	Able Enable SNMP trap when temperature exceeds upper limit
snmp trap temperature under-limit-d	Isable Disable SNMP trap when temperature drops below lower limit
snmp trap temperature under-limit-e	Nable Enable SNMP trap when temperature drops below lower limit
snmp trap voltage	Voltage monitoring SNMP trap configuration
snmp trap voltage backup	Configure backup voltage traps
snmp trap voltage backup ov-limit	Set overvoltage limit [V]

Command	Description
snmp trap voltage backup ov-over-di	Sable Disable overvoltage limit
snmp trap voltage backup ov-over-en	Able Enable overvoltage limit
snmp trap voltage backup ov-under-d	Isable Disable overvoltage limit
snmp trap voltage backup ov-under-e	Nable Enable overvoltage limit
snmp trap voltage backup uv-limit	Set undervoltage limit [V]
snmp trap voltage backup uv-over-di	Sable Disable undervoltage over limit
snmp trap voltage backup uv-over-en	Able Enable undervoltage over limit
snmp trap voltage backup uv-under-d	Isable Disable undervoltage under limit
snmp trap voltage backup uv-under-e	Nable Enable undervoltage under limit
snmp trap voltage primary	Configure primary voltage traps
snmp trap voltage primary ov-limit	Set overvoltage limit [V]
snmp trap voltage primary ov-over-d	Isable Disable overvoltage limit
snmp trap voltage primary ov-over-e	Nable Enable overvoltage limit

Command	Description
snmp trap voltage primary ov-under-	Disable Disable overvoltage limit
snmp trap voltage primary ov-under-	Enable Enable overvoltage limit
snmp trap voltage primary uv-limit	Set undervoltage limit [V]
snmp trap voltage primary uv-over-d	Isable Disable undervoltage over limit
snmp trap voltage primary uv-over-e	Nable Enable undervoltage over limit
snmp trap voltage primary uv-under-	Disable Disable undervoltage under limit
snmp trap voltage primary uv-under-	Enable Enable undervoltage under limit
snmp dest-trap	Configure SNMP trap destinations
snmp dest-trap host1	TRAP destination host 1 settings
snmp dest-trap host1 disable	Disable trap destination
snmp dest-trap host1 enable	Enable trap destination
snmp dest-trap host1 ip	Set IPv4 for destination
snmp dest-trap host1 port	Set port for destination
snmp dest-trap host1 name	Set SNMP community or username
snmp dest-trap host2	TRAP destination host 2 settings
snmp dest-trap host2 disable	Disable trap destination

Command	Description
snmp dest-trap host2 enable	Enable trap destination
snmp dest-trap host2 ip	Set IPv4 for destination
snmp dest-trap host2 port	Set port for destination
snmp dest-trap host2 name	Set SNMP community or username
snmp dest-trap host3	TRAP destination host 3 settings
snmp dest-trap host3 disable	Disable trap destination
snmp dest-trap host3 enable	Enable trap destination
snmp dest-trap host3 ip	Set IPv4 for destination
snmp dest-trap host3 port	Set port for destination
snmp dest-trap host3 name	Set SNMP community or username
snmp dest-trap host4	TRAP destination host 4 settings
snmp dest-trap host4 disable	Disable trap destination
snmp dest-trap host4 enable	Enable trap destination
snmp dest-trap host4 ip	Set IPv4 for destination
snmp dest-trap host4 port	Set port for destination
snmp dest-trap host4 name	Set SNMP community or username
snmp dest-trap host5	TRAP destination host 5 settings
snmp dest-trap host5 disable	Disable trap destination
snmp dest-trap host5 enable	Enable trap destination

Command	Description
snmp dest-trap host5 ip	Set IPv4 for destination
snmp dest-trap host5 port	Set port for destination
snmp dest-trap host5 name	Set SNMP community or username
sntp	Configure SNTP
sntp disable	Disable SNTP
sntp enable	Enable SNTP
sntp server1	Configure primary SNTP server IP address
sntp server2	Configure secondary SNTP server IP address
sntp server3	Configure tertiary SNTP server IP address
sntp request-interval	Server request interval in seconds
sntp timezone	Timezone offset in hours
sntp auto-DST-disable	Disable automatic daylight saving time correction
sntp auto-DST-enable	Enable automatic daylight saving time correction
sntp synchronize	Try to synchronize with SNTP servers
sntp set-time	Set time in format dd.mm.yyyy hh:mm:ss
input	Configure input signal settings
input IN1	IN1
input IN2	IN2
ip	Configure IP protocol settings

Command	Description
ip addr-mask	Set IP address and mask in slash format /
ip addr	Set IP address
ip dns	Specify DNS
ip gate	Configure IP gateway
ip mask	Configure IP mask
ip icmp-echo-disable	Disable ICMP echo
ip icmp-echo-enable	Enable ICMP echo
ip vlan-disable	Disable VLAN tagging for IP
ip vlan-enable	Enable VLAN tagging for IP
ip vlan-id	Specify VLAN ID
ip vlan-pri	Specify VLAN priority
mirror	Data src and dst port mirroring settings
mirror ingress-dst	Set the destination port for ingress mirrored data
mirror ingress-dst P1	P1
mirror ingress-dst P2	P2
mirror ingress-dst P3	P3
mirror ingress-dst P4	P4
mirror ingress-dst P5	P5
mirror ingress-dst G1	G1

Command	Description
mirror ingress-dst G2	G2
mirror no-ingress-dst	Disables destination port for ingress mirrored data
mirror egress-dst	Set the destination port for egress mirrored data
mirror egress-dst P1	P1
mirror egress-dst P2	P2
mirror egress-dst P3	P3
mirror egress-dst P4	P4
mirror egress-dst P5	P5
mirror egress-dst G1	G1
mirror egress-dst G2	G2
mirror no-egress-dst	Disables destination port for egress mirrored data
mirror cpu-ingress-src	Selects CPU port ingress data as mirroring source
mirror no-cpu-ingress-src	Selects CPU port egress data as mirroring source
mirror cpu-egress-src	Disables CPU port ingress data as mirroring source
mirror no-cpu-egress-src	Disables CPU port egress data as mirroring source
radius	Configure RADIUS
radius server1	RADIUS server 1 settings
radius server1 disable	Disable server
radius server1 enable	Enable server

Command	Description
radius server1 host	Set host for server
radius server1 key	Set communication encryption key
radius server1 key code	Set communication encryption key as CODE
radius server1 key base32	Set communication encryption key as Base32
radius server1 key none	Remove communication encryption key
radius server1 timeout	Set communication timeout in seconds
radius server2	RADIUS server 2 settings
radius server2 disable	Disable server
radius server2 enable	Enable server
radius server2 host	Set host for server
radius server2 key	Set communication encryption key
radius server2 key code	Set communication encryption key as CODE
radius server2 key base32	Set communication encryption key as Base32
radius server2 key none	Remove communication encryption key
radius server2 timeout	Set communication timeout in seconds
syslog	Configure SYSLOG
syslog server1	SYSLOG server 1 settings
syslog server1 disable	Disable server
syslog server1 enable	Enable server

Command	Description
syslog server1 host	Set host for server
syslog server2	SYSLOG server 2 settings
syslog server2 disable	Disable server
syslog server2 enable	Enable server
syslog server2 host	Set host for server
tacacs	Configure TACACS+
tacacs server1	TACACS+ server 1 settings
tacacs server1 disable	Disable server
tacacs server1 enable	Enable server
tacacs server1 host	Set host for server
tacacs server1 key	Set communication encryption key
tacacs server1 key code	Set communication encryption key as CODE
tacacs server1 key base32	Set communication encryption key as Base32
tacacs server1 key none	Remove communication encryption key
tacacs server1 timeout	Set communication timeout in seconds
tacacs server2	TACACS+ server 2 settings
tacacs server2 disable	Disable server
tacacs server2 enable	Enable server
tacacs server2 host	Set host for server

Command	Description
tacacs server2 key	Set communication encryption key
tacacs server2 key code	Set communication encryption key as CODE
tacacs server2 key base32	Set communication encryption key as Base32
tacacs server2 key none	Remove communication encryption key
tacacs server2 timeout	Set communication timeout in seconds
topology	Configure topology protocol
topology mode	Set topology protocol
topology mode none	No topology protocol
topology mode lan-ring	Enable LAN-RING mode
topology mode rstp-m	Enable RSTP-M mode
topology rstp-m	Configure RSTP-M mode
topology rstp-m priority	Set RSTP-M priority
topology rstp-m hello-time	Set RSTP-M hello time
topology rstp-m max-age	Set RSTP-M max age
topology rstp-m forward-delay	Set RSTP-M forward delay
user-add	Add or modify a user. Use: user-add USERNAME sha-512 PASSWORD
user-del	Delete/Remove the user by USERNAME
user-erase-all	(IMPORT) Remove all users including the metel user
vlan	VLAN-specific commands

Command	Description
vlan WORD	VLAN IDs 1-4094
vlan-init-tab	Initialize VLAN tables
import	Import configuration from file
import nvm	Import configuration from NVM
import ram	Import configuration from RAM

LINE

Command	Description
authentication	Authentication configurations parameters
authentication method1	First authentication method
authentication method1 deny	No authentication
authentication method1 permit	Permit authentication
authentication method1 local	Local authentication
authentication method1 tacacs	TACACS+ authentication
authentication method2	Second authentication method
authentication method2 deny	No authentication
authentication method2 permit	Permit authentication
authentication method2 local	Local authentication
authentication method2 tacacs	TACACS+ authentication

Command	Description
authentication method3	Third authentication method
authentication method3 deny	No authentication
authentication method3 permit	Permit authentication
authentication method3 local	Local authentication
authentication method3 tacacs	TACACS+ authentication
banner	Specify terminal
disable	Disable terminal
do	Do command from privileged mode
enable	Enable terminal
end	Return to the previous level
exit	Return to the previous level
snmp	Set SNMP traps
snmp trap	Set SNMP traps
snmp trap cable-disable	Disable USB cable status changed
snmp trap cable-enable	Enable USB cable status changed

PORT

Command	Description
adv-10-full-enable	Enable AN 10Mbps full-duplex

Command	Description
adv-10-full-disable	Disable AN 10Mbps full-duplex
adv-10-half-enable	Enable AN 10Mbps half-duplex
adv-10-half-disable	Disable AN 10Mbps half-duplex
adv-100-full-enable	Enable AN 100Mbps full-duplex
adv-100-full-disable	Disable AN 100Mbps full-duplex
adv-100-half-enable	Enable AN 100Mbps half-duplex
adv-100-half-disable	Disable AN 100Mbps half-duplex
adv-1000-full-enable	Enable AN 1000Mbps full-duplex
adv-1000-full-disable	Disable AN 1000Mbps full-duplex
alias	Set port alias (description)
an-enable	Enable AN
an-disable	Disable AN
atu-disable-learning	Disable address table learning
atu-disable-using-da	Disable usage of destination address in ATU
atu-egress-mode	Set ATU egress filtering mode
atu-egress-mode all	All
atu-egress-mode no-unknown-unicast	No unknown unicast
atu-egress-mode no-unknown-multicas	T No unknown multicast
atu-egress-mode no-unknown-DA	No unknown destination address

Command	Description
atu-enable-learning	Enable learning
atu-enable-using-da	Enable using destination address
do	Do command from privileged mode
end	Return to the previous level
exit	Return to the previous level
force-10-full	Force ethernet speed 10Mbps full-duplex
force-10-half	Force ethernet speed 10Mbps half-duplex
force-100-full	Force ethernet speed 100Mbps full-duplex
force-100-half	Force ethernet speed 100Mbps half-duplex
force-1000-full	Force ethernet speed 1000Mbps full-duplex
jumbo	Set jumbo packet size
jumbo 1522B	Set jumbo packet size 1522B
jumbo 2048B	Set jumbo packet size 2048B
jumbo 10240B	Set jumbo packet size 10240B
mdix	Set Media Dependent Interface Crossover
mdix force-mdi	Force MDI mode
mdix force-mdix	Force MDIX mode
mdix auto	Auto mode for MDI/MDIX
mirror	Setting source ports for mirroring

Command	Description
mirror ingress-src	Selects port ingress data as mirroring source
mirror egress-src	Selects port egress data as mirroring source
mirror no-ingress-src	Disables port ingress data as a mirroring source
mirror no-egress-src	Disables port egress data as a mirroring source
dot1x-auth	Authenticator
dot1x-auth force-auth	Port control: force authorized
dot1x-auth force-auto	Port control: auto
dot1x-auth force-unauth	Port control: force unauthorized
dot1x-auth reauth-enable	Enable re-auth
dot1x-auth reauth-disable	Disable re-auth
dot1x-auth keytx-enable	Enable KeyTx
dot1x-auth keytx-disable	Disable KeyTx
dot1x-auth quiet-period	Set Quiet period
dot1x-auth tx-period	Set Tx period
dot1x-auth reauth-period	Set Re-auth period
dot1x-auth supp-timeout	Set Supp timeout
dot1x-auth server-timeout	Set Server timeout
dot1x-auth max-request	Set max. request
dot1x-supp	Supplicant

Command	Description
dot1x-supp force-auth	Port control: force authorized
dot1x-supp force-auto	Port control: auto
dot1x-supp force-unauth	Port control: force unauthorized
dot1x-supp admin-valid	Set admin port valid
dot1x-supp admin-invalid	Set admin port invalid
dot1x-supp identity	Set identity name
dot1x-supp password	Set password value
dot1x-supp password code	Set password as CODE
dot1x-supp password base32	Set password as Base32
dot1x-supp password none	Remove password
dot1x-supp held-period	Set Held period
dot1x-supp auth-period	Set Auth period
dot1x-supp start-period	Set Start period
dot1x-supp max-start	Set Max start
pae-mode-auth	Set authenticator mode
pae-mode-none	Set none PAE mode
pae-mode-supp	Set supplicant mode
poe-disable	Disable PoE
poe-donot-ignore-discovery	Do not ignore discovery

Command	Description
poe-enable	Enable Power over Ethernet
poe-ignore-discovery	Ignore PoE discovery
poe-no-swap-pairs	Do not swap PSE pri/sec pairs
poe-no-power-limit	No power limit
poe-swap-pairs	Swap PoE PSE pairs
poe-power-limit	Set PoE power limit (mW)
port-vlan-member	Configure port-based VLAN membership
port-vlan-member default	Set default port-based VLAN
port-vlan-member CPU	Specific port for VLAN membership
port-vlan-member P1	Specific port for VLAN membership
port-vlan-member P2	Specific port for VLAN membership
port-vlan-member P3	Specific port for VLAN membership
port-vlan-member P4	Specific port for VLAN membership
port-vlan-member P5	Specific port for VLAN membership
port-vlan-member G1	Specific port for VLAN membership
port-vlan-member G2	Specific port for VLAN membership
port-vlan-no-member	Remove Port-based VLAN
port-vlan-no-member CPU	Specific port for VLAN membership
port-vlan-no-member P1	Specific port for VLAN membership

Command	Description
port-vlan-no-member P2	Specific port for VLAN membership
port-vlan-no-member P3	Specific port for VLAN membership
port-vlan-no-member P4	Specific port for VLAN membership
port-vlan-no-member P5	Specific port for VLAN membership
port-vlan-no-member G1	Specific port for VLAN membership
port-vlan-no-member G2	Specific port for VLAN membership
power-down	Power down (shutdown) the port
power-up	Power up (negate the shutdown) the port
rate-in-speed	Set input speed rate in kbps
rate-in-limit	Limit input speed rate
rate-in-nolimit	Disable rate in speed limit
rate-out-speed	Set output speed rate in kbps
rate-out-limit	Limit output speed rate
rate-out-nolimit	Disable rate out speed limit
rstp-disable	Disable RSTP-M on port
rstp-enable	Enable RSTP-M on port
rstp-prio	Set RSTP-M port priority
rstp-edge	Enable RSTP-M admin edge
rstp-edge-none	No admin edge

Command	Description
rstp-cost	Set RSTP-M admin cost
snmp	Set SNMP traps
snmp trap	Set SNMP traps
snmp trap dot1x	Configure IEEE 802.1X trap
snmp trap dot1x auth-state-disable	Disable SNMP trap when authenticator state changes
snmp trap dot1x auth-state-enable	Enable SNMP trap when authenticator state changes
snmp trap dot1x supp-state-disable	Disable SNMP trap when supplicant state changes
snmp trap dot1x supp-state-enable	Enable SNMP trap when supplicant state changes
snmp trap in-limit	Set ingress limit trap [bps]
snmp trap in-over-disable	Disable ingress over limit on port
snmp trap in-over-enable	Enable ingress over limit on port
snmp trap in-under-disable	Disable ingress under limit on port
snmp trap in-under-enable	Enable ingress under limit on port
snmp trap link-disable	Disable SNMP trap on link up/down state change
snmp trap link-enable	Enable SNMP trap on link up/down state change
snmp trap out-limit	Set egress limit trap [bps]
snmp trap out-over-disable	Disable ingress over limit on port
snmp trap out-over-enable	Enable ingress over limit on port
snmp trap out-under-disable	Disable ingress under limit on port

Command	Description
snmp trap out-under-enable	Enable ingress under limit on port
snmp trap poe-disable	Disable SNMP trap when PoE state changes
snmp trap poe-enable	Enable SNMP trap when PoE state changes
vlan-none	Disable VLAN MODE
vlan-keep-tag	Do not discard Tag
vlan-keep-untag	Do not discard Untag
vlan-keep-vid	Do not force VLAN VID
vlan-pri-initial	Set ports initial priority mode
vlan-pri-initial override	Use only ports default priority value
vlan-pri-initial tag-only	Use priority from tag
vlan-pri-initial ip-only	Use priority from IP header
vlan-pri-initial iptag-comb	Use priority from IP header or tag
vlan-pri-initial iptag-tag	Use priority from tag or IP header
vlan-pri-value	Set ports default priority value
vlan-force-vid	Force VLAN ID
vlan-default-id	Set default VLAN ID
vlan-mode	Set VLAN mode
vlan-mode fallback	Enable fallback mode
vlan-mode check	Enable check mode

Command	Description
vlan-mode secure	Enable secure mode
vlan-discard-tag	Discard tagged VLAN frames
vlan-discard-untag	Discard untagged VLAN frames

VLAN

Command	Description
do	Do command from privileged mode
end	Exit VLAN configuration
exit	Exit VLAN configuration
member-none	Remove VLAN membership
member-none CPU	CPU
member-none P1	P1
member-none P2	P2
member-none P3	P3
member-none P4	P4
member-none P5	P5
member-none G1	G1
member-none G2	G2
member-tagged	Tag VLAN membership

Command	Description
member-tagged CPU	CPU
member-tagged P1	P1
member-tagged P2	P2
member-tagged P3	P3
member-tagged P4	P4
member-tagged P5	P5
member-tagged G1	G1
member-tagged G2	G2
member-unmodified	Set VLAN membership to unmodified
member-unmodified CPU	CPU
member-unmodified P1	P1
member-unmodified P2	P2
member-unmodified P3	P3
member-unmodified P4	P4
member-unmodified P5	P5
member-unmodified G1	G1
member-unmodified G2	G2
member-untagged	Untag VLAN membership
member-untagged CPU	CPU

Command	Description
member-untagged P1	P1
member-untagged P2	P2
member-untagged P3	P3
member-untagged P4	P4
member-untagged P5	P5
member-untagged G1	G1
member-untagged G2	G2
priority-override	Override VLAN priority
priority-override 0	Override priority with number 0
priority-override 1	Override priority with number 1
priority-override 2	Override priority with number 2
priority-override 3	Override priority with number 3
priority-override 4	Override priority with number 4
priority-override 5	Override priority with number 5
priority-override 6	Override priority with number 6
priority-override 7	Override priority with number 7
priority-override disable	Disable priority override
remove	Remove VLAN
disable	Disable VLAN

Command	Description
enable	Enable VLAN

RING

Command	Description
end	Return to the previous level
exit	Return to the previous level
do	Do command from privileged mode
enable	Enable METEL LAN-RING
disable	Disable METEL LAN-RING
rid	Set METEL LAN-RING identifier
master	Set METEL LAN-RING Master (only v1)
slave	Set METEL LAN-RING Slave (only v1)
atu-clear-enable	Enable ATU clear (only v2)
atu-clear-disable	Disable ATU clear (only v2)
snmp	Set SNMP traps
snmp trap	Set SNMP traps
snmp trap state-enable	Enable SNMP trap on LAN-RING state change
snmp trap state-disable	Disable SNMP trap on LAN-RING state change
version	Set METEL LAN-RING version

Command	Description
version v1	METEL LAN-RING version 1
version v2	METEL LAN-RING version 2

INPUT

Command	Description
end	Return to the previous level
exit	Return to the previous level
do	Do command from privileged mode
label	Set digital input label
negation-enable	Enable negation of digital input
negation-disable	Disable negation of digital input
min-duration	Set Minimal pulse duration in milliseconds with step 10ms
snmp	Set SNMP traps
snmp trap	Set SNMP traps
snmp trap digital-state-enable	Enable SNMP trap when digital input state changes
snmp trap digital-state-disable	Disable SNMP trap when digital input state changes