

cnMatrix MSTP Parameters and Commands

Commands	Description	CLI Mode
<code>spanning-tree mst configuration</code>	Enters into MSTP configuration Mode, where instance specific and MST region configuration can be done.	Global Configuration
<code>spanning-tree mst max-instance <short (0-7)></code>	Configures the maximum number of active MSTIs that can be created. This value ranges from 0 to 7.	Global Configuration
<code>spanning-tree mst {instance-id <instance-id(0-7)>} root {primary secondary}</code>	Enables BPDU (Bridge Protocol Data Unit) transmission and reception on the interface.	Global Configuration
<code>spanning-tree mst forward-time <seconds (4-30)></code>	Configures the forward timer of the spanning tree and the no form of the command sets the forward timer to the default value.	Global Configuration
<code>spanning-tree mst max-age <seconds (6-40)></code>	Configures the max-age timer of the spanning tree.	Global Configuration
<code>spanning-tree mode mst</code>	Enables the spanning tree operating mode.	Global Configuration
<code>name <string(optional max Length)></code>	Configures the name for the MST region.	MSTP Configuration
<code>revision <value(0-65535)></code>	Configures the revision number for the MST region. This value ranges from 0 to 65535.	MSTP Configuration
<code>instance <instance-id(0-7 4094)> vlan <vlan-range></code> Available options: <ul style="list-style-type: none"> <code><instance-id(0-7 4094)> -</code> Configures the ID of MSTP instance to be created / deleted and mapped with / unmapped from VLAN. <code>vlan <vlan-range> -</code> Configures a VLAN ID or list of VLAN IDs that should be mapped with / unmapped from the specified MST instance. 	Creates an MST instance and maps it to VLANs.	MSTP Configuration
<code>spanning-tree mst hello-time<value (1-2)></code>	Configures the spanning tree hello time.	Interface Configuration (Physical Interface)
<code>show spanning-tree mst [<instance-id(0-7 4094)>] [detail]</code>	Displays multiple spanning tree information for all MSTIs in the switch.	Privileged EXEC
<code>show spanning-tree mst configuration</code>	Displays multiple spanning tree instance related information.	Privileged EXEC