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| **Command** | **Description** |
| vlan 10 | Configures VLAN 10 on the switch. |
| name VLAN10 | Sets the name for VLAN 10. |
| switchport | Enables the interface as a Layer 2 switchport. |
| switchport mode trunk | Configures the interface as a trunk port. |
| switchport trunk allowed vlan 10 | Restricts VLAN trunking to VLAN 10 only. |
| spanning-tree mode mstp | Enables MST mode for Spanning Tree Protocol on the switch. |
| spanning-tree mst 0 root primary | Configures the switch as the Root Bridge for MST 0 instance. |
| spanning-tree portfast | Enables PortFast on the interface, useful for ports connected to end hosts |
| spanning-tree bpduguard enable | Enables BPDU Guard to prevent BPDU messages on the interface, placing it in an error-disabled state if detected. |
| spanning-tree guard root | Enables Root Guard to stop the port from becoming a Root Port and prevent connected devices from becoming Root Bridges. |