

Regression report

Date: 2024-10-04 Time: 20-03-18

Summary report

Module	Total testcases	Passed	Failed
stp	46	46	0

Testcase Complete Summary: Total: 46, Passed: 46, Failed: 0

Detailed report of stp

Testcase summary: Total: 46, Passed: 46, Failed: 0

Testcase name	Status	User Input	Commands	Before	After	Module exception
test_case_01.1	Passed	<pre>Input: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "enabled_protocol": "mst", "fwd_delay": 15, "hello_time": 5, "loop_guard": true, "max_age": 10 }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point",</pre>	<pre>Commands: [{ "global": { "bpdu_filter": true, "bridge_priority": 4096, "enabled_protocol": "mst", "hello_time": 5, "loop_guard": true, "max_age": 10 }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6",</pre>	<pre>Before: { "global": { "bpdu_filter": false, "bridge_priority": 32768, "disabled_vlans": null, "enabled_protocol": null, "fwd_delay": 15, "hello_time": 2, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": null, "mstp": null, "pvst": null, "rapid_pvst": null }</pre>	<pre>After: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 15, "hello_time": 5, "loop_guard": true, "max_age": 10, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40,</pre>	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre> "port_priority": 50, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": { "fwd_delay": 12, "hello_time": 6, "max_age": 9, "max_hop": 3, "mst_instances": [{ "bridge_priority": 2048, "interfaces": [{ "cost": 60, "intf_name": "Eth1/5", "port_priority": 65 }], "mst_id": 1, "vlans": [301] }], { "bridge_priority": 1024, "interfaces": [{ "cost": 50, "intf_name": "Eth1/6", "port_priority": 55 }], "mst_id": 2, "vlans": [302] }], "mst_name": "mst1", "revision": 1 } } </pre>	<pre> "link_type": "point-to-point", "port_priority": 50, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": { "fwd_delay": 12, "hello_time": 6, "max_age": 9, "max_hop": 3, "mst_instances": [{ "bridge_priority": 2048, "interfaces": [{ "cost": 60, "intf_name": "Eth1/5", "port_priority": 65 }], "mst_id": 1, "vlans": ["301"] }], { "bridge_priority": 1024, "interfaces": [{ "cost": 50, "intf_name": "Eth1/6", "port_priority": 55 }], "mst_id": 2, "vlans": ["302"] }], "mst_name": "mst1", "revision": 1 }, "state": "merged" }] </pre>		<pre> "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": { "fwd_delay": 12, "hello_time": 6, "max_age": 9, "max_hop": 3, "mst_instances": [{ "bridge_priority": 2048, "interfaces": [{ "cost": 60, "intf_name": "Eth1/5", "port_priority": 65 }], "mst_id": 1, "vlans": ["301"] }], { "bridge_priority": 1024, "interfaces": [{ "cost": 50, "intf_name": "Eth1/6", "port_priority": 55 }], "mst_id": 2, "vlans": ["302"] }], "mst_name": "mst1", "revision": 1 }, "pvst": null, </pre>	

Testcase name	Status	User Input	Commands	Before	After	Module exception
					"rapid_pvst": null }	
test_case_01.2	Passed	<pre> Input: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "enabled_protocol": "mst", "fwd_delay": 15, "hello_time": 5, "loop_guard": true, "max_age": 10 }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": { "fwd_delay": 12, "hello_time": 6, "max_age": 9, "max_hop": 3, "mst_instances": [{ "bridge_priority": 2048, "interfaces": [</pre>	Commands: []	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 15, "hello_time": 5, "loop_guard": true, "max_age": 10, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": { "fwd_delay": 12, "hello_time": 6, </pre>	After: "Not defined"	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre> { "cost": 60, "intf_name": "Eth1/5", "port_priority": 65 }, { "bridge_priority": 1024, "interfaces": [{ "cost": 50, "intf_name": "Eth1/6", "port_priority": 55 }], "mst_id": 2, "vlans": [302] }, { "bridge_priority": 1024, "interfaces": [{ "cost": 60, "intf_name": "Eth1/5", "port_priority": 65 }], "mst_id": 1, "vlans": [301] }, { "mst_name": "mst1", "revision": 1 } } </pre>		<pre> "max_age": 9, "max_hop": 3, "mst_instances": [{ "bridge_priority": 2048, "interfaces": [{ "cost": 60, "intf_name": "Eth1/5", "port_priority": 65 }], "mst_id": 1, "vlans": ["301"] }, { "bridge_priority": 1024, "interfaces": [{ "cost": 50, "intf_name": "Eth1/6", "port_priority": 55 }], "mst_id": 2, "vlans": ["302"] }], "mst_name": "mst1", "revision": 1 }, "pvst": null, "rapid_pvst": null } </pre>		
test_case_02.1	Passed	<pre> Input: { "mstp": { "mst_instances": [{ "bridge_priority": 1024, "mst_id": 1, "vlans": ["302-303"] }, { "interfaces": [{ "cost": 52, "intf_name": "Eth1/6", "port_priority": 57 }, { "cost": 40, "intf_name": "Eth1/7", "port_priority": 45 }], "mst_id": 2 }] } } </pre>	<pre> Commands: [{ "mstp": { "mst_instances": [{ "bridge_priority": 2048, "interfaces": [{ "cost": 60, "intf_name": "Eth1/5", "port_priority": 65 }], "mst_id": 1, "vlans": ["301"] }, { "interfaces": [{ "cost": 50, "intf_name": "Eth1/6", "port_priority": 55 }] }] } }] </pre>	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 15, "hello_time": 5, "loop_guard": true, "max_age": 10, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "portfast": false, }] } </pre>	<pre> After: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 15, "hello_time": 5, "loop_guard": true, "max_age": 10, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "portfast": false, }] } </pre>	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre> }, { "bridge_priority": 3072, "mst_id": 3 }] } } </pre>	<pre> }], "mst_id": 2 }] }, "state": "deleted" }, { "global": null, "interfaces": null, "mstp": { "_fwd_delay": null, "hello_time": null, "max_age": null, "max_hop": null, "mst_instances": [{ "bridge_priority": 1024, "interfaces": null, "mst_id": 1, "vlans": ["302-303"] }, { "bridge_priority": null, "interfaces": [{ "cost": 52, "intf_name": "Eth1/6", "port_priority": 57 }, { "cost": 40, "intf_name": "Eth1/7", "port_priority": 45 }], "mst_id": 2, "vlans": null }, { "bridge_priority": 3072, "interfaces": null, "mst_id": 3, "vlans": null }], "mst_name": null, "revision": null }, "pvst": null, "rapid_pvst": null, "state": "replaced" }] </pre>	<pre> "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": { "_fwd_delay": 12, "hello_time": 6, "max_age": 9, "max_hop": 3, "mst_instances": [{ "bridge_priority": 2048, "interfaces": [{ "cost": 60, "intf_name": "Eth1/5", "port_priority": 65 }], "mst_id": 1, "vlans": ["301"] }, { "bridge_priority": 1024, "interfaces": [{ "cost": 50, "intf_name": "Eth1/6", "port_priority": 55 }] }, "mst_id": 2, "vlans": [</pre>	<pre> "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": { "_fwd_delay": 12, "hello_time": 6, "max_age": 9, "max_hop": 3, "mst_instances": [{ "bridge_priority": 1024, "interfaces": null, "mst_id": 1, "vlans": ["302-303"] }, { "bridge_priority": 1024, "interfaces": [{ "cost": 52, "intf_name": "Eth1/6", "port_priority": 57 }, { "cost": 40, "intf_name": "Eth1/7", "port_priority": 45 }] }, "mst_id": 2, "vlans": ["302" </pre>	

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "302"] }], "mst_name": "mst1", "revision": 1 }, "pvst": null, "rapid_pvst": null } </pre>	<pre>] }, { "bridge_priority": 3072, "interfaces": null, "mst_id": 3, "vlans": null }], "mst_name": "mst1", "revision": 1 }, "pvst": null, "rapid_pvst": null } </pre>	
test_case_02.2	Passed	<pre> Input: { "mstp": { "mst_instances": [{ "bridge_priority": 1024, "mst_id": 1, "vlans": ["302-303"] }, { "interfaces": [{ "cost": 52, "intf_name": "Eth1/6", "port_priority": 57 }, { "cost": 40, "intf_name": "Eth1/7", "port_priority": 45 }], "mst_id": 2 }, { "bridge_priority": 3072, "mst_id": 3 }] } } </pre>	Commands: []	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 15, "hello_time": 5, "loop_guard": true, "max_age": 10, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, </pre>	After: "Not defined"	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": { "_fwd_delay": 12, "hello_time": 6, "max_age": 9, "max_hop": 3, "mst_instances": [{ "bridge_priority": 1024, "interfaces": null, "mst_id": 1, "vlans": ["302-303"] }, { "bridge_priority": 1024, "interfaces": [{ "cost": 52, "intf_name": "Eth1/6", "port_priority": 57 }, { "cost": 40, "intf_name": "Eth1/7", "port_priority": 45 }], "mst_id": 2, "vlans": ["302"] }, { "bridge_priority": 3072, "interfaces": null, "mst_id": 3, "vlans": null }], "mst_name": "mst1", "revision": 1 }, "pvst": null, "rapid_pvst": null } </pre>		
test_case_03.1	Passed	<pre> Input: { "mstp": { "_fwd_delay": 14, "hello_time": 8, "max_age": 10, "max_hop": 2, </pre>	<pre> Commands: [{ "mstp": { "_fwd_delay": 12, "hello_time": 6, "max_age": 9, </pre>	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "mst", </pre>	<pre> After: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "mst", </pre>	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre> "mst_name": "mst2", "revision": 2 } } </pre>	<pre> "max_hop": 3, "mst_instances": [{ "bridge_priority": 1024, "interfaces": null, "mst_id": 1, "vlans": ["302-303"] }, { "bridge_priority": 1024, "interfaces": [{ "cost": 52, "intf_name": "Eth1/6", "port_priority": 57 }, { "cost": 40, "intf_name": "Eth1/7", "port_priority": 45 }] }, { "mst_id": 2, "vlans": ["302"] }, { "bridge_priority": 3072, "interfaces": null, "mst_id": 3, "vlans": null }], "mst_name": "mst1", "revision": 1 }, "state": "deleted" }, { "global": null, "interfaces": null, "mstp": { "fwd_delay": 14, "hello_time": 8, "max_age": 10, "max_hop": 2, "mst_instances": null, "mst_name": "mst2", "revision": 2 }, "pvst": null, "rapid_pvst": null, "state": "replaced" }] </pre>	<pre> "fwd_delay": 15, "hello_time": 5, "loop_guard": true, "max_age": 10, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": { "fwd_delay": 12, "hello_time": 6, "max_age": 9, "max_hop": 3, "mst_instances": [{ "bridge_priority": 1024, "interfaces": null, "mst_id": 1, "vlans": ["302-303"] }] } </pre>	<pre> "fwd_delay": 15, "hello_time": 5, "loop_guard": true, "max_age": 10, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": { "fwd_delay": 14, "hello_time": 8, "max_age": 10, "max_hop": 2, "mst_instances": null, "mst_name": "mst2", "revision": 2 }, "pvst": null, "rapid_pvst": null } </pre>	

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> }, { "bridge_priority": 1024, "interfaces": [{ "cost": 52, "intf_name": "Eth1/6", "port_priority": 57 }, { "cost": 40, "intf_name": "Eth1/7", "port_priority": 45 }], "mst_id": 2, "vlans": ["302"] }, { "bridge_priority": 3072, "interfaces": null, "mst_id": 3, "vlans": null }], "mst_name": "mst1", "revision": 1 }, "pvst": null, "rapid_pvst": null } </pre>		
test_case_03.2	Passed	<pre> Input: { "mstp": { "fwd_delay": 14, "hello_time": 8, "max_age": 10, "max_hop": 2, "mst_name": "mst2", "revision": 2 } } </pre>	Commands: []	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 15, "hello_time": 5, "loop_guard": true, "max_age": 10, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], } </pre>	After: "Not defined"	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": { "_fwd_delay": 14, "hello_time": 8, "max_age": 10, "max_hop": 2, "mst_instances": null, "mst_name": "mst2", "revision": 2 }, "pvst": null, "rapid_pvst": null } </pre>		
test_case_04.1	Passed	<pre> Input: { "mstp": { "fwd_delay": 15, "hello_time": 9, "max_age": 11, "max_hop": 3, "mst_instances": [{ "interfaces": [{ "cost": 70, "intf_name": "Eth1/5", "port_priority": 75 }], "mst_id": 1, "vlans": [301] }], "bridge_priority": 2048, } } </pre>	<pre> Commands: [{ "mstp": { "fwd_delay": 15, "hello_time": 9, "max_age": 11, "max_hop": 3, "mst_instances": [{ "interfaces": [{ "cost": 70, "intf_name": "Eth1/5", "port_priority": 75 }], "mst_id": 1, "vlans": ["301"] }] } }] </pre>	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 15, "hello_time": 5, "loop_guard": true, "max_age": 10, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", }] } </pre>	<pre> After: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 15, "hello_time": 5, "loop_guard": true, "max_age": 10, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", }] } </pre>	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre> "interfaces": [{ "cost": 52, "intf_name": "Eth1/6", "port_priority": 57 }, { "cost": 45, "intf_name": "Eth1/7", "port_priority": 47 }], "mst_id": 2, "vlans": ["301-303"] }, "mst_name": "mst1", "revision": 3 } </pre>	<pre> "bridge_priority": 2048, "interfaces": [{ "cost": 52, "intf_name": "Eth1/6", "port_priority": 57 }, { "cost": 45, "intf_name": "Eth1/7", "port_priority": 47 }], "mst_id": 2, "vlans": ["301-303"] }, "mst_name": "mst1", "revision": 3 }, "state": "merged"] </pre>	<pre> "port_priority": 30, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": { "fwd_delay": 14, "hello_time": 8, "max_age": 10, "max_hop": 2, "mst_instances": null, "mst_name": "mst2", "revision": 2 }, "pvst": null, "rapid_pvst": null } </pre>	<pre> "port_priority": 30, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": { "fwd_delay": 15, "hello_time": 9, "max_age": 11, "max_hop": 3, "mst_instances": [{ "bridge_priority": null, "interfaces": null, "mst_id": 1, "vlans": ["301"] }] }, { "bridge_priority": 2048, "interfaces": null, "mst_id": 2, "vlans": ["301-303"] }], "mst_name": "mst1", "revision": 3 }, "pvst": null, "rapid_pvst": null } </pre>	

Testcase name	Status	User Input	Commands	Before	After	Module exception
test_case_04.2	Passed	<pre> Input: { "mstp": { "fwd_delay": 15, "hello_time": 9, "max_age": 11, "max_hop": 3, "mst_instances": [{ "interfaces": [{ "cost": 70, "intf_name": "Eth1/5", "port_priority": 75 }], "mst_id": 1, "vlans": [301] }, { "bridge_priority": 2048, "interfaces": [{ "cost": 52, "intf_name": "Eth1/6", "port_priority": 57 }, { "cost": 45, "intf_name": "Eth1/7", "port_priority": 47 }], "mst_id": 2, "vlans": ["301-303"] }], "mst_name": "mst1", "revision": 3 } } </pre>	<pre> Commands: [] </pre>	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 15, "hello_time": 5, "loop_guard": true, "max_age": 10, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": { "fwd_delay": 15, "hello_time": 9, "max_age": 11, "max_hop": 3, </pre>	<pre> After: "Not defined" </pre>	<pre> Error: "No Error" </pre>

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "mst_instances": [{ "bridge_priority": null, "interfaces": [{ "cost": 70, "intf_name": "Eth1/5", "port_priority": 75 }], "mst_id": 1, "vlans": ["301"] }, { "bridge_priority": 2048, "interfaces": [{ "cost": 52, "intf_name": "Eth1/6", "port_priority": 57 }, { "cost": 45, "intf_name": "Eth1/7", "port_priority": 47 }], "mst_id": 2, "vlans": ["301-303"] }], "mst_name": "mst1", "revision": 3 }, "pvst": null, "rapid_pvst": null } </pre>		
test_case_05.1	Passed	<pre> Input: { "mstp": { "fwd_delay": 15, "hello_time": 9, "max_age": 11, "max_hop": 3, "mst_instances": [{ "mst_id": 1 }, { "bridge_priority": 2048, "interfaces": [{ "cost": 52, "intf_name": "Eth1/6", "port_priority": 57 }, { "intf_name": "Eth1/7" }] }] } } </pre>	<pre> Commands: [{ "mstp": { "fwd_delay": 15, "hello_time": 9, "max_age": 11, "max_hop": 3, "mst_instances": [{ "mst_id": 1 }, { "bridge_priority": 2048, "interfaces": [{ "cost": 52, "intf_name": "Eth1/6", "port_priority": 57 }, { "intf_name": "Eth1/7" }] }] } }] </pre>	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 15, "hello_time": 5, "loop_guard": true, "max_age": 10, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", </pre>	<pre> After: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 15, "hello_time": 5, "loop_guard": true, "max_age": 10, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", </pre>	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre>], "mst_id": 2, "vlans": [302] },], "mst_name": "mst1", "revision": 3 } </pre>	<pre> }], "mst_id": 2, "vlans": ["302"] },], "mst_name": "mst1", "revision": 3 }, "state": "deleted" }] </pre>	<pre> "link_type": "shared", "port_priority": 30, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": { "fwd_delay": 15, "hello_time": 9, "max_age": 11, "max_hop": 3, "mst_instances": [{ "bridge_priority": null, "interfaces": [{ "cost": 70, "intf_name": "Eth1/5", "port_priority": 75 }], "mst_id": 1, "vlans": ["301"] }], "bridge_priority": 2048, "interfaces": [{ "cost": 52, "intf_name": "Eth1/6", "port_priority": 57 }], </pre>	<pre> "link_type": "shared", "port_priority": 30, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": { "fwd_delay": null, "hello_time": null, "max_age": null, "max_hop": null, "mst_instances": [{ "bridge_priority": null, "interfaces": null, "mst_id": 2, "vlans": ["301", "303"] }], "mst_name": null, "revision": null }, "pvst": null, "rapid_pvst": null } </pre>	

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> { "cost": 45, "intf_name": "Eth1/7", "port_priority": 47 }], "mst_id": 2, "vlans": ["301-303"] }], "mst_name": "mst1", "revision": 3 }, "pvst": null, "rapid_pvst": null } </pre>		
test_case_05.2	Passed	<pre> Input: { "mstp": { "fwd_delay": 15, "hello_time": 9, "max_age": 11, "max_hop": 3, "mst_instances": [{ "mst_id": 1 }, { "bridge_priority": 2048, "interfaces": [{ "cost": 52, "intf_name": "Eth1/6", "port_priority": 57 }, { "intf_name": "Eth1/7" }], "mst_id": 2, "vlans": [302] }], "mst_name": "mst1", "revision": 3 } } </pre>	Commands: []	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 15, "hello_time": 5, "loop_guard": true, "max_age": 10, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, </pre>	After: "Not defined"	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": { "_fwd_delay": null, "hello_time": null, "max_age": null, "max_hop": null, "mst_instances": [{ "bridge_priority": null, "interfaces": null, "mst_id": 2, "vlans": ["301", "303"] }] }, "mst_name": null, "revision": null }, "pvst": null, "rapid_pvst": null } </pre>		
test_case_06.1	Passed	<pre> Input: { "global": { "enabled_protocol": "mst" } } </pre>	<pre> Commands: [{ "global": { "enabled_protocol": "mst" }, "state": "deleted" }] </pre>	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "mst", "_fwd_delay": 15, "hello_time": 5, "loop_guard": true, "max_age": 10, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }] } </pre>	<pre> After: { "global": { "bpdu_filter": false, "bridge_priority": 32768, "disabled_vlans": null, "enabled_protocol": null, "_fwd_delay": 15, "hello_time": 2, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": null, "mstp": null, "pvst": null, "rapid_pvst": null } </pre>	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": { "fwd_delay": null, "hello_time": null, "max_age": null, "max_hop": null, "mst_instances": [{ "bridge_priority": null, "interfaces": null, "mst_id": 2, "vlans": ["301", "303"] }] }, "mst_name": null, "revision": null }, "pvst": null, "rapid_pvst": null } </pre>		
test_case_06.2	Passed	<pre> Input: { "global": { "enabled_protocol": "mst" } } </pre>	Commands: []	<pre> Before: { "global": { "bpdu_filter": false, "bridge_priority": 32768, "disabled_vlans": null, "enabled_protocol": null, "fwd_delay": 15, "hello_time": 2, "loop_guard": false, "max_age": 20, </pre>	After: "Not defined"	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "portfast": false, "root_guard_timeout": null }, "interfaces": null, "mstp": null, "pvst": null, "rapid_pvst": null } </pre>		
test_case_07.1	Passed	<pre> Input: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "enabled_protocol": "pvst", "fwd_delay": 20, "hello_time": 5, "max_age": 10, "portfast": true, "root_guard_timeout": 25 }, "pvst": [{ "bridge_priority": 4096, "fwd_delay": 8, "hello_time": 4, "interfaces": [{ "cost": 10, "intf_name": "Eth1/5", "port_priority": 50 }], "max_age": 6, "vlan_id": 301 }, { "bridge_priority": 4096, "fwd_delay": 9, "hello_time": 5, "interfaces": [{ "cost": 20, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 30, "intf_name": "Eth1/7", "port_priority": 70 }], "max_age": 7, "vlan_id": 302 }] } </pre>	<pre> Commands: [{ "global": { "bpdu_filter": true, "bridge_priority": 4096, "enabled_protocol": "pvst", "fwd_delay": 20, "hello_time": 5, "max_age": 10, "portfast": true, "root_guard_timeout": 25 }, "pvst": [{ "bridge_priority": 4096, "fwd_delay": 8, "hello_time": 4, "interfaces": [{ "cost": 10, "intf_name": "Eth1/5", "port_priority": 50 }] }, { "bridge_priority": 4096, "fwd_delay": 9, "hello_time": 5, "interfaces": [{ "cost": 20, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 30, "intf_name": "Eth1/7", "port_priority": 70 }] }], "max_age": 7, "vlan_id": 302 }], "state": "merged"] </pre>	<pre> Before: { "global": { "bpdu_filter": false, "bridge_priority": 32768, "disabled_vlans": null, "enabled_protocol": null, "fwd_delay": 15, "hello_time": 2, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": null, "mstp": null, "pvst": null, "rapid_pvst": null } </pre>	<pre> After: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "pvst", "fwd_delay": 20, "hello_time": 5, "loop_guard": false, "max_age": 10, "portfast": true, "root_guard_timeout": 25 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, </pre>	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
					<pre> "uplink_fast": false }], "mstp": null, "pvst": [{ "bridge_priority": 4096, "fwd_delay": 8, "hello_time": 4, "interfaces": null, "max_age": 6, "vlan_id": 301 }, { "bridge_priority": 4096, "fwd_delay": 9, "hello_time": 5, "interfaces": null, "max_age": 7, "vlan_id": 302 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 303 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 304 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 305 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 306 }] "rapid_pvst": null } </pre>	
test_case_07.2	Passed	<pre> Input: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "enabled_protocol": "pvst", "fwd_delay": 20, </pre>	<pre> Commands: [] </pre>	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "pvst", </pre>	<pre> After: "Not defined" </pre>	<pre> Error: "No Error" </pre>

Testcase name	Status	User Input	Commands	Before	After	Module exception	
		<pre> "hello_time": 5, "max_age": 10, "portfast": true, "root_guard_timeout": 25 }, "pvst": [{ "bridge_priority": 4096, "fwd_delay": 8, "hello_time": 4, "interfaces": [{ "cost": 10, "intf_name": "Eth1/5", "port_priority": 50 }], "max_age": 6, "vlan_id": 301 }, { "bridge_priority": 4096, "fwd_delay": 9, "hello_time": 5, "interfaces": [{ "cost": 20, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 30, "intf_name": "Eth1/7", "port_priority": 70 }], "max_age": 7, "vlan_id": 302 }] </pre>		<pre> "fwd_delay": 20, "hello_time": 5, "loop_guard": false, "max_age": 10, "portfast": true, "root_guard_timeout": 25 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": [{ "bridge_priority": 4096, "fwd_delay": 8, "hello_time": 4, "interfaces": [{ "cost": 10, "intf_name": "Eth1/5", "port_priority": 50 }] }], </pre>			

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "max_age": 6, "vlan_id": 301 }, { "bridge_priority": 4096, "_fwd_delay": 9, "hello_time": 5, "interfaces": [{ "cost": 20, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 30, "intf_name": "Eth1/7", "port_priority": 70 }], "max_age": 7, "vlan_id": 302 }, { "bridge_priority": 4096, "_fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 303 }, { "bridge_priority": 4096, "_fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 304 }, { "bridge_priority": 4096, "_fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 305 }, { "bridge_priority": 4096, "_fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 306 } }, "rapid_pvst": null } </pre>		
test_case_08.1	Passed	<pre> Input: { "pvst": [{ "bridge_priority": 8192, "fwd_delay": 9, </pre>	<pre> Commands: [{ "pvst": [{ "bridge_priority": 4096, </pre>	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, </pre>	<pre> After: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, </pre>	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre> "hello_time": 7, "max_age": 8, "vlan_id": 301 }, { "interfaces": [{ "cost": 2, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 31, "intf_name": "Eth1/7", "port_priority": 71 }], "vlan_id": 302 }] } </pre>	<pre> "_fwd_delay": 8, "hello_time": 4, "interfaces": [{ "cost": 10, "intf_name": "Eth1/5", "port_priority": 50 }], "max_age": 6, "vlan_id": 301 }, { "interfaces": [{ "cost": 20, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 30, "intf_name": "Eth1/7", "port_priority": 70 }], "vlan_id": 302 }, { "interfaces": [{ "cost": 20, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 30, "intf_name": "Eth1/7", "port_priority": 70 }], "vlan_id": 302 }], "state": "deleted" }, { "global": null, "interfaces": null, "mstp": null, "pvst": [{ "bridge_priority": 8192, "_fwd_delay": 9, "hello_time": 7, "interfaces": null, "max_age": 8, "vlan_id": 301 }, { "bridge_priority": null, "_fwd_delay": null, "hello_time": null, "interfaces": [{ </pre>	<pre> "enabled_protocol": "pvst", "_fwd_delay": 20, "hello_time": 5, "loop_guard": false, "max_age": 10, "portfast": true, "root_guard_timeout": 25 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": [{ "bridge_priority": 4096, "_fwd_delay": 8, "hello_time": 4, "interfaces": [{ "cost": 10, "intf_name": "Eth1/5", "port_priority": 50 } </pre>	<pre> "enabled_protocol": "pvst", "_fwd_delay": 20, "hello_time": 5, "loop_guard": false, "max_age": 10, "portfast": true, "root_guard_timeout": 25 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": [{ "bridge_priority": 8192, "_fwd_delay": 9, "hello_time": 7, "interfaces": null, "max_age": 8, "vlan_id": 301 }, { "bridge_priority": 8192, </pre>	

Testcase name	Status	User Input	Commands	Before	After	Module exception
			<pre> "cost": 2, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 31, "intf_name": "Eth1/7", "port_priority": 71 }], "max_age": null, "vlan_id": 302 }], "rapid_pvst": null, "state": "replaced" }] </pre>	<pre>], "max_age": 6, "vlan_id": 301 }, { "bridge_priority": 4096, "fwd_delay": 9, "hello_time": 5, "interfaces": [{ "cost": 20, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 30, "intf_name": "Eth1/7", "port_priority": 70 }] }, "max_age": 7, "vlan_id": 302 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 303 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 304 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 305 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 306 }], "rapid_pvst": null } </pre>	<pre> "fwd_delay": 9, "hello_time": 7, "interfaces": [{ "cost": 2, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 31, "intf_name": "Eth1/7", "port_priority": 71 }], "max_age": 8, "vlan_id": 302 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 303 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 304 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 305 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 306 }], "rapid_pvst": null } </pre>	
test_case_08.2	Passed	Input: { "pvst": [{ "bridge_priority": 8192,	Commands: []	Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096,	After: "Not defined"	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre> " fwd_delay": 9, " hello_time": 7, " max_age": 8, " vlan_id": 301 }, { " interfaces": [{ " cost": 2, " intf_name": "Eth1/6", " port_priority": 60 }, { " cost": 31, " intf_name": "Eth1/7", " port_priority": 71 }], " vlan_id": 302 }] } </pre>		<pre> " disabled_vlans": null, " enabled_protocol": "pvst", " fwd_delay": 20, " hello_time": 5, " loop_guard": false, " max_age": 10, " portfast": true, " root_guard_timeout": 25 }, " interfaces": [{ " bpdu_filter": false, " bpdu_guard": false, " cost": null, " edge_port": false, " guard": null, " intf_name": "Eth1/5", " link_type": null, " port_priority": null, " portfast": false, " shutdown": false, " stp_enable": true, " uplink_fast": false }, { " bpdu_filter": false, " bpdu_guard": false, " cost": null, " edge_port": false, " guard": null, " intf_name": "Eth1/6", " link_type": null, " port_priority": null, " portfast": false, " shutdown": false, " stp_enable": true, " uplink_fast": false }, { " bpdu_filter": false, " bpdu_guard": false, " cost": null, " edge_port": false, " guard": null, " intf_name": "Eth1/7", " link_type": null, " port_priority": null, " portfast": false, " shutdown": false, " stp_enable": true, " uplink_fast": false }], " mstp": null, " pvst": [{ " bridge_priority": 8192, " fwd_delay": 9, " hello_time": 7, " interfaces": null, " max_age": 8, " vlan_id": 301 }, { </pre>		

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "bridge_priority": 8192, "_fwd_delay": 9, "hello_time": 7, "interfaces": [{ "cost": 2, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 31, "intf_name": "Eth1/7", "port_priority": 71 }], "max_age": 8, "vlan_id": 302 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 303 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 304 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 305 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 306 } }, "rapid_pvst": null } </pre>		
test_case_09.1	Passed	<pre> Input: { "pvst": [{ "interfaces": [{ "cost": 11, "intf_name": "Eth1/5", "port_priority": 51 }] }] } </pre>	<pre> Commands: [{ "pvst": [{ "interfaces": [{ "cost": 11, "intf_name": "Eth1/5", "port_priority": 51 }] }] }] </pre>	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "pvst", "fwd_delay": 20, "hello_time": 5, "loop_guard": false, } } </pre>	<pre> After: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "pvst", "fwd_delay": 20, "hello_time": 5, "loop_guard": false, } } </pre>	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre>], "vlan_id": 301 }, { "bridge_priority": 4096, "fwd_delay": 11, "hello_time": 3, "max_age": 9, "vlan_id": 302 }] } </pre>	<pre> }], "vlan_id": 301 }, { "bridge_priority": 4096, "fwd_delay": 11, "hello_time": 3, "max_age": 9, "vlan_id": 302 }], "state": "merged" }] </pre>	<pre> "max_age": 10, "portfast": true, "root_guard_timeout": 25 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": [{ "bridge_priority": 8192, "fwd_delay": 9, "hello_time": 7, "interfaces": null, "max_age": 8, "vlan_id": 301 }, { "bridge_priority": 8192, "fwd_delay": 9, "hello_time": 7, "interfaces": [{ </pre>	<pre> "max_age": 10, "portfast": true, "root_guard_timeout": 25 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": [{ "bridge_priority": 8192, "fwd_delay": 9, "hello_time": 7, "interfaces": [{ "cost": 11, "intf_name": "Eth1/5", "port_priority": 51 }], "max_age": 8, "vlan_id": 301 }, </pre>	

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "cost": 2, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 31, "intf_name": "Eth1/7", "port_priority": 71 }], "max_age": 8, "vlan_id": 302 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 303 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 304 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 305 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 306 }], "rapid_pvst": null } </pre>	<pre> { "bridge_priority": 4096, "fwd_delay": 11, "hello_time": 3, "interfaces": [{ "cost": 2, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 31, "intf_name": "Eth1/7", "port_priority": 71 }], "max_age": 9, "vlan_id": 302 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 303 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 304 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 305 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 306 }], "rapid_pvst": null } </pre>	
test_case_09.2	Passed	<pre> Input: { "pvst": [{ "interfaces": [{ "cost": 11, "intf_name": "Eth1/5", "port_priority": 51 }] }] } </pre>	Commands: []	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "pvst", "fwd_delay": 20, "hello_time": 5, </pre>	After: "Not defined"	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre> }], "vlan_id": 301 }, { "bridge_priority": 4096, "fwd_delay": 11, "hello_time": 3, "max_age": 9, "vlan_id": 302 }] } </pre>		<pre> "loop_guard": false, "max_age": 10, "portfast": true, "root_guard_timeout": 25 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": [{ "bridge_priority": 8192, "fwd_delay": 9, "hello_time": 7, "interfaces": [{ "cost": 11, "intf_name": "Eth1/5", "port_priority": 51 }] }, { "max_age": 8, "vlan_id": 301 }] </pre>		

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> }, { "bridge_priority": 4096, "fwd_delay": 11, "hello_time": 3, "interfaces": [{ "cost": 2, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 31, "intf_name": "Eth1/7", "port_priority": 71 }], "max_age": 9, "vlan_id": 302 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 303 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 304 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 305 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 306 }], "rapid_pvst": null } </pre>		
test_case_10.1	Passed	<pre> Input: { "pvst": [{ "bridge_priority": 8192, "fwd_delay": 9, "hello_time": 7, "interfaces": [</pre>	<pre> Commands: [{ "pvst": [{ "bridge_priority": 8192, "fwd_delay": 9, "hello_time": 7, </pre>	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "pvst", "fwd_delay": 20, </pre>	<pre> After: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "pvst", "fwd_delay": 20, </pre>	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre> { "cost": 11, "intf_name": "Eth1/5" }, "max_age": 8, "vlan_id": 301 }, { "interfaces": [{ "intf_name": "Eth1/6" }, { "cost": 31, "intf_name": "Eth1/7", "port_priority": 71 }], "vlan_id": 302 }] } </pre>	<pre> "interfaces": [{ "cost": 11, "intf_name": "Eth1/5" }], "max_age": 8, "vlan_id": 301 }, { "interfaces": [{ "intf_name": "Eth1/6" }, { "cost": 31, "intf_name": "Eth1/7", "port_priority": 71 }], "vlan_id": 302 }, "state": "deleted" }] </pre>	<pre> "hello_time": 5, "loop_guard": false, "max_age": 10, "portfast": true, "root_guard_timeout": 25 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": [{ "bridge_priority": 8192, "fwd_delay": 9, "hello_time": 7, "interfaces": [{ "cost": 11, "intf_name": "Eth1/5", "port_priority": 51 }] }], "max_age": 8, </pre>	<pre> "hello_time": 5, "loop_guard": false, "max_age": 10, "portfast": true, "root_guard_timeout": 25 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": [{ "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": [{ "cost": null, "intf_name": "Eth1/5", "port_priority": 51 }] }], "max_age": 10, </pre>	

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "vlan_id": 301 }, { "bridge_priority": 4096, "fwd_delay": 11, "hello_time": 3, "interfaces": [{ "cost": 2, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 31, "intf_name": "Eth1/7", "port_priority": 71 }], "max_age": 9, "vlan_id": 302 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 303 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 304 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 305 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 306 }], "rapid_pvst": null } </pre>	<pre> "vlan_id": 301 }, { "bridge_priority": 4096, "fwd_delay": 11, "hello_time": 3, "interfaces": null, "max_age": 9, "vlan_id": 302 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 303 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 304 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 305 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 306 }], "rapid_pvst": null } </pre>	
test_case_10.2	Passed	Input: { "pvst": [{ "bridge_priority": 8192, "fwd_delay": 9, "hello_time": 7,	Commands: []	Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "pvst",	After: "Not defined"	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception	
		<pre> "interfaces": [{ "cost": 11, "intf_name": "Eth1/5" }], "max_age": 8, "vlan_id": 301 }, { "interfaces": [{ "intf_name": "Eth1/6" }, { "cost": 31, "intf_name": "Eth1/7", "port_priority": 71 }], "vlan_id": 302 }] } </pre>		<pre> "fwd_delay": 20, "hello_time": 5, "loop_guard": false, "max_age": 10, "portfast": true, "root_guard_timeout": 25 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": [{ "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": [{ "cost": null, "intf_name": "Eth1/5", "port_priority": 51 }] }], </pre>			

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "max_age": 10, "vlan_id": 301 }, { "bridge_priority": 4096, "fwd_delay": 11, "hello_time": 3, "interfaces": null, "max_age": 9, "vlan_id": 302 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 303 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 304 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 305 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 306 } }, "rapid_pvst": null } </pre>		
test_case_11.1	Passed	<pre> Input: { "global": { "enabled_protocol": "pvst" } } </pre>	<pre> Commands: [{ "global": { "enabled_protocol": "pvst" }, "state": "deleted" }] </pre>	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "pvst", "fwd_delay": 20, "hello_time": 5, "loop_guard": false, "max_age": 10, "portfast": true, "root_guard_timeout": 25 }, "interfaces": [{ "bpdu_filter": false, </pre>	<pre> After: { "global": { "bpdu_filter": false, "bridge_priority": 32768, "disabled_vlans": null, "enabled_protocol": null, "fwd_delay": 15, "hello_time": 2, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": null, "mstp": null, "pvst": null, </pre>	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": [{ "bridge_priority": 4096, "_fwd_delay": 20, "hello_time": 5, "interfaces": [{ "cost": null, "intf_name": "Eth1/5", "port_priority": 51 }] }, "max_age": 10, "vlan_id": 301 }, { "bridge_priority": 4096, "_fwd_delay": 11, "hello_time": 3, "interfaces": null, "max_age": 9, "vlan_id": 302 </pre>	<pre> "rapid_pvst": null } </pre>	

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 303 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 304 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 305 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 306 } }, "rapid_pvst": null } </pre>		
test_case_11.2	Passed	<pre> Input: { "global": { "enabled_protocol": "pvst" } } </pre>	Commands: []	<pre> Before: { "global": { "bpdu_filter": false, "bridge_priority": 32768, "disabled_vlans": null, "enabled_protocol": null, "fwd_delay": 15, "hello_time": 2, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": null, "mstp": null, "pvst": null, "rapid_pvst": null } </pre>	After: "Not defined"	Error: "No Error"
test_case_12.1	Passed	<pre> Input: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "enabled_protocol": "rapid_pvst", "fwd_delay": 20, </pre>	<pre> Commands: [{ "global": { "bpdu_filter": true, "bridge_priority": 4096, "enabled_protocol": "rapid_pvst", </pre>	<pre> Before: { "global": { "bpdu_filter": false, "bridge_priority": 32768, "disabled_vlans": null, "enabled_protocol": null, </pre>	<pre> After: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "rapid_pvst", </pre>	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre> "hello_time": 5, "max_age": 10, "root_guard_timeout": 25 }, "rapid_pvst": [{ "bridge_priority": 4096, "fwd_delay": 8, "hello_time": 4, "interfaces": [{ "cost": 10, "intf_name": "Eth1/5", "port_priority": 50 }], "max_age": 6, "vlan_id": 301 }, { "bridge_priority": 4096, "fwd_delay": 9, "hello_time": 5, "interfaces": [{ "cost": 20, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 30, "intf_name": "Eth1/7", "port_priority": 70 }], "max_age": 7, "vlan_id": 302 }] } </pre>	<pre> "fwd_delay": 20, "hello_time": 5, "max_age": 10, "root_guard_timeout": 25 }, "rapid_pvst": [{ "bridge_priority": 4096, "fwd_delay": 8, "hello_time": 4, "interfaces": [{ "cost": 10, "intf_name": "Eth1/5", "port_priority": 50 }], "max_age": 6, "vlan_id": 301 }, { "bridge_priority": 4096, "fwd_delay": 9, "hello_time": 5, "interfaces": [{ "cost": 20, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 30, "intf_name": "Eth1/7", "port_priority": 70 }], "max_age": 7, "vlan_id": 302 }], "state": "merged" }] </pre>	<pre> "fwd_delay": 15, "hello_time": 2, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": null, "mstp": null, "pvst": null, "rapid_pvst": null } </pre>	<pre> "fwd_delay": 20, "hello_time": 5, "loop_guard": false, "max_age": 10, "portfast": false, "root_guard_timeout": 25 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": null, "rapid_pvst": [{ "bridge_priority": 4096, "fwd_delay": 8, "hello_time": 4, "interfaces": null, "max_age": 6, "vlan_id": 301 }], "bridge_priority": 4096, </pre>	

Testcase name	Status	User Input	Commands	Before	After	Module exception
					<pre> "fwd_delay": 9, "hello_time": 5, "interfaces": null, "max_age": 7, "vlan_id": 302 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 303 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 304 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 305 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 306 }] } </pre>	
test_case_12.2	Passed	<pre> Input: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "enabled_protocol": "rapid_pvst", "fwd_delay": 20, "hello_time": 5, "max_age": 10, "root_guard_timeout": 25 }, "rapid_pvst": [{ "bridge_priority": 4096, "fwd_delay": 8, "hello_time": 4, "interfaces": [{ "cost": 10, "intf_name": "Eth1/5", "port_priority": 50 }] }], } </pre>	Commands: []	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "rapid_pvst", "fwd_delay": 20, "hello_time": 5, "loop_guard": false, "max_age": 10, "portfast": false, "root_guard_timeout": 25 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, }] } </pre>	After: "Not defined"	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception	
		<pre> "max_age": 6, "vlan_id": 301 }, { "bridge_priority": 4096, "fwd_delay": 9, "hello_time": 5, "interfaces": [{ "cost": 20, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 30, "intf_name": "Eth1/7", "port_priority": 70 }], "max_age": 7, "vlan_id": 302 }] } </pre>		<pre> "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": null, "rapid_pvst": [{ "bridge_priority": 4096, "fwd_delay": 8, "hello_time": 4, "interfaces": [{ "cost": 10, "intf_name": "Eth1/5", "port_priority": 50 }] }, "max_age": 6, "vlan_id": 301 }, { "bridge_priority": 4096, "fwd_delay": 9, "hello_time": 5, "interfaces": [{ "cost": 20, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 30, </pre>			

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "intf_name": "Eth1/7", "port_priority": 70 }], "max_age": 7, "vlan_id": 302 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 303 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 304 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 305 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 306 }] } </pre>		
test_case_13.1	Passed	<pre> Input: { "rapid_pvst": [{ "bridge_priority": 8192, "fwd_delay": 9, "hello_time": 7, "max_age": 8, "vlan_id": 301 }, { "interfaces": [{ "cost": 2, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 31, "intf_name": "Eth1/7", "port_priority": 71 }] }] } </pre>	<pre> Commands: [{ "rapid_pvst": [{ "bridge_priority": 4096, "fwd_delay": 8, "hello_time": 4, "interfaces": [{ "cost": 10, "intf_name": "Eth1/5", "port_priority": 50 }], "max_age": 6, "vlan_id": 301 }, { "interfaces": [{ "cost": 20, </pre>	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "rapid_pvst", "fwd_delay": 20, "hello_time": 5, "loop_guard": false, "max_age": 10, "portfast": false, "root_guard_timeout": 25 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", </pre>	<pre> After: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "rapid_pvst", "fwd_delay": 20, "hello_time": 5, "loop_guard": false, "max_age": 10, "portfast": false, "root_guard_timeout": 25 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", </pre>	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre>], "vlan_id": 302 }] } </pre>	<pre> "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 30, "intf_name": "Eth1/7", "port_priority": 70 }], "vlan_id": 302 }, { "interfaces": [{ "cost": 20, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 30, "intf_name": "Eth1/7", "port_priority": 70 }], "vlan_id": 302 }], "state": "deleted" }, { "global": null, "interfaces": null, "mstp": null, "pvst": null, "rapid_pvst": [{ "bridge_priority": 8192, "fwd_delay": 9, "hello_time": 7, "interfaces": null, "max_age": 8, "vlan_id": 301 }, { "bridge_priority": null, "fwd_delay": null, "hello_time": null, "interfaces": [{ "cost": 2, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 31, "intf_name": "Eth1/7", "port_priority": 71 }], "max_age": null, "vlan_id": 302 }], "state": "replaced" } </pre>	<pre> "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": null, "rapid_pvst": [{ "bridge_priority": 4096, "fwd_delay": 8, "hello_time": 4, "interfaces": [{ "cost": 10, "intf_name": "Eth1/5", "port_priority": 50 }], "max_age": 6, "vlan_id": 301 }, { "bridge_priority": 4096, "fwd_delay": 9, "hello_time": 5, "interfaces": [{ "cost": 20, "intf_name": "Eth1/6", "port_priority": 60 }], "max_age": 8, "vlan_id": 301 }] } </pre>	<pre> "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": null, "rapid_pvst": [{ "bridge_priority": 8192, "fwd_delay": 9, "hello_time": 7, "interfaces": null, "max_age": 8, "vlan_id": 301 }, { "bridge_priority": 8192, "fwd_delay": 9, "hello_time": 7, "interfaces": [{ "cost": 2, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 31, "intf_name": "Eth1/7", "port_priority": 71 }], "max_age": 8, "vlan_id": 301 }] } </pre>	

Testcase name	Status	User Input	Commands	Before	After	Module exception
			<pre>] }] </pre>	<pre> "cost": 30, "intf_name": "Eth1/7", "port_priority": 70 }], "max_age": 7, "vlan_id": 302 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 303 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 304 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 305 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 306 }] } </pre>	<pre> "vlan_id": 302 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 303 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 304 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 305 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 306 }] } </pre>	
test_case_13.2	Passed	<pre> Input: { "rapid_pvst": [{ "bridge_priority": 8192, "fwd_delay": 9, "hello_time": 7, "max_age": 8, "vlan_id": 301 }, { "interfaces": [{ "cost": 2, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 31, "intf_name": "Eth1/7", "port_priority": 71 }] } </pre>	Commands: []	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "rapid_pvst", "fwd_delay": 20, "hello_time": 5, "loop_guard": false, "max_age": 10, "portfast": false, "root_guard_timeout": 25 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, </pre>	After: "Not defined"	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre> }], "vlan_id": 302 }] } </pre>		<pre> "intf_name": "Eth1/5", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": null, "rapid_pvst": [{ "bridge_priority": 8192, "_fwd_delay": 9, "hello_time": 7, "interfaces": null, "max_age": 8, "vlan_id": 301 }, { "bridge_priority": 8192, "_fwd_delay": 9, "hello_time": 7, "interfaces": [{ "cost": 2, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 31, "intf_name": "Eth1/7", "port_priority": 71 }] }], </pre>		

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "max_age": 8, "vlan_id": 302 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 303 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 304 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 305 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 306 } }] } </pre>		
test_case_14.1	Passed	<pre> Input: { "rapid_pvst": [{ "interfaces": [{ "cost": 11, "intf_name": "Eth1/5", "port_priority": 51 }], "vlan_id": 301 }, { "bridge_priority": 4096, "fwd_delay": 11, "hello_time": 3, "max_age": 9, "vlan_id": 302 }] } </pre>	<pre> Commands: [{ "rapid_pvst": [{ "interfaces": [{ "cost": 11, "intf_name": "Eth1/5", "port_priority": 51 }], "vlan_id": 301 }, { "bridge_priority": 4096, "fwd_delay": 11, "hello_time": 3, "max_age": 9, "vlan_id": 302 }] }, "state": "merged"] </pre>	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "rapid_pvst", "fwd_delay": 20, "hello_time": 5, "loop_guard": false, "max_age": 10, "portfast": false, "root_guard_timeout": 25 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, </pre>	<pre> After: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "rapid_pvst", "fwd_delay": 20, "hello_time": 5, "loop_guard": false, "max_age": 10, "portfast": false, "root_guard_timeout": 25 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, </pre>	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false } }], "mstp": null, "pvst": null, "rapid_pvst": [{ "bridge_priority": 8192, "fwd_delay": 9, "hello_time": 7, "interfaces": null, "max_age": 8, "vlan_id": 301 }, { "bridge_priority": 8192, "fwd_delay": 9, "hello_time": 7, "interfaces": [{ "cost": 2, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 31, "intf_name": "Eth1/7", "port_priority": 71 }] }, "max_age": 8, "vlan_id": 302 }, { "bridge_priority": 4096, </pre>	<pre> "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false } }], "mstp": null, "pvst": null, "rapid_pvst": [{ "bridge_priority": 8192, "fwd_delay": 9, "hello_time": 7, "interfaces": [{ "cost": 11, "intf_name": "Eth1/5", "port_priority": 51 }] }, "max_age": 8, "vlan_id": 301 }, { "bridge_priority": 4096, "fwd_delay": 11, "hello_time": 3, "interfaces": [{ "cost": 2, "intf_name": "Eth1/6", "port_priority": 60 }, { "cost": 31, "intf_name": "Eth1/7", "port_priority": 71 }] } </pre>	

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> " fwd_delay": 20, " hello_time": 5, " interfaces": null, " max_age": 10, " vlan_id": 303 }, { " bridge_priority": 4096, " fwd_delay": 20, " hello_time": 5, " interfaces": null, " max_age": 10, " vlan_id": 304 }, { " bridge_priority": 4096, " fwd_delay": 20, " hello_time": 5, " interfaces": null, " max_age": 10, " vlan_id": 305 }, { " bridge_priority": 4096, " fwd_delay": 20, " hello_time": 5, " interfaces": null, " max_age": 10, " vlan_id": 306 }] </pre>	<pre>], " max_age": 9, " vlan_id": 302 }, { " bridge_priority": 4096, " fwd_delay": 20, " hello_time": 5, " interfaces": null, " max_age": 10, " vlan_id": 303 }, { " bridge_priority": 4096, " fwd_delay": 20, " hello_time": 5, " interfaces": null, " max_age": 10, " vlan_id": 304 }, { " bridge_priority": 4096, " fwd_delay": 20, " hello_time": 5, " interfaces": null, " max_age": 10, " vlan_id": 305 }, { " bridge_priority": 4096, " fwd_delay": 20, " hello_time": 5, " interfaces": null, " max_age": 10, " vlan_id": 306 }] </pre>	
test_case_14.2	Passed	<pre> Input: { "rapid_pvst": [{ "interfaces": [{ "cost": 11, "intf_name": "Eth1/5", "port_priority": 51 }], "vlan_id": 301 }, { "bridge_priority": 4096, " fwd_delay": 11, " hello_time": 3, " max_age": 9, " vlan_id": 302 }] } </pre>	Commands: []	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "rapid_pvst", " fwd_delay": 20, " hello_time": 5, " loop_guard": false, " max_age": 10, " portfast": false, " root_guard_timeout": 25 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, "port_priority": null, "portfast": false, </pre>	After: "Not defined"	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false } }], "mstp": null, "pvst": null, "rapid_pvst": [{ "bridge_priority": 8192, "_fwd_delay": 9, "hello_time": 7, "interfaces": [{ "cost": 11, "intf_name": "Eth1/5", "port_priority": 51 }] }, "max_age": 8, "vlan_id": 301 }, { "bridge_priority": 4096, "_fwd_delay": 11, "hello_time": 3, "interfaces": [{ "cost": 2, "intf_name": "Eth1/6", "port_priority": 60 } }, { "cost": 31, "intf_name": "Eth1/7", "port_priority": 71 } }] </pre>		

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> }], "max_age": 9, "vlan_id": 302 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 303 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 304 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 305 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 306 } }] } </pre>		
test_case_15.1	Passed	<pre> Input: { "rapid_pvst": [{ "bridge_priority": 8192, "fwd_delay": 9, "hello_time": 7, "interfaces": [{ "cost": 11, "intf_name": "Eth1/5", "port_priority": 51 }], "max_age": 8, "vlan_id": 301 }, { "interfaces": [{ "intf_name": "Eth1/6" }, { "cost": 31, </pre>	<pre> Commands: [{ "rapid_pvst": [{ "bridge_priority": 8192, "fwd_delay": 9, "hello_time": 7, "interfaces": [{ "cost": 11, "intf_name": "Eth1/5", "port_priority": 51 }], "max_age": 8, "vlan_id": 301 }, { "interfaces": [{ "intf_name": "Eth1/6" }, { </pre>	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "rapid_pvst", "fwd_delay": 20, "hello_time": 5, "loop_guard": false, "max_age": 10, "portfast": false, "root_guard_timeout": 25 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, "port_priority": null, </pre>	<pre> After: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "rapid_pvst", "fwd_delay": 20, "hello_time": 5, "loop_guard": false, "max_age": 10, "portfast": false, "root_guard_timeout": 25 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, "port_priority": null, </pre>	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre> "intf_name": "Eth1/7", "port_priority": 71 }], "vlan_id": 302 }] } </pre>	<pre> "cost": 31, "intf_name": "Eth1/7", "port_priority": 71 }], "vlan_id": 302 }, "state": "deleted"] } </pre>	<pre> "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": null, "rapid_pvst": [{ "bridge_priority": 8192, "fwd_delay": 9, "hello_time": 7, "interfaces": [{ "cost": 11, "intf_name": "Eth1/5", "port_priority": 51 }], "max_age": 8, "vlan_id": 301 }, { "bridge_priority": 4096, "fwd_delay": 11, "hello_time": 3, "interfaces": [{ "cost": 2, "intf_name": "Eth1/6", "port_priority": 60 }], { "cost": 31, "intf_name": "Eth1/7", </pre>	<pre> "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": null, "rapid_pvst": [{ "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 301 }, { "bridge_priority": 4096, "fwd_delay": 11, "hello_time": 3, "interfaces": null, "max_age": 9, "vlan_id": 302 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 303 }, { "bridge_priority": 4096, "fwd_delay": 20, </pre>	

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "port_priority": 71 }], "max_age": 9, "vlan_id": 302 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 303 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 304 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 305 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 306 }] } </pre>	<pre> "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 304 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 305 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 306 }] } </pre>	
test_case_15.2	Passed	<pre> Input: { "rapid_pvst": [{ "bridge_priority": 8192, "fwd_delay": 9, "hello_time": 7, "interfaces": [{ "cost": 11, "intf_name": "Eth1/5", "port_priority": 51 }], "max_age": 8, "vlan_id": 301 }, { "interfaces": [{ "intf_name": "Eth1/6" }] }] } </pre>	Commands: []	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "rapid_pvst", "fwd_delay": 20, "hello_time": 5, "loop_guard": false, "max_age": 10, "portfast": false, "root_guard_timeout": 25 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, </pre>	After: "Not defined"	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre> "cost": 31, "intf_name": "Eth1/7", "port_priority": 71 }], "vlan_id": 302 }] } </pre>		<pre> "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": null, "rapid_pvst": [{ "bridge_priority": 4096, "_fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 301 }, { "bridge_priority": 4096, "_fwd_delay": 11, "hello_time": 3, "interfaces": null, "max_age": 9, "vlan_id": 302 }, { "bridge_priority": 4096, "_fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 303 }, { "bridge_priority": 4096, </pre>		

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> " fwd_delay": 20, " hello_time": 5, " interfaces": null, " max_age": 10, " vlan_id": 304 }, { " bridge_priority": 4096, " fwd_delay": 20, " hello_time": 5, " interfaces": null, " max_age": 10, " vlan_id": 305 }, { " bridge_priority": 4096, " fwd_delay": 20, " hello_time": 5, " interfaces": null, " max_age": 10, " vlan_id": 306 } }] } </pre>		
test_case_16.1	Passed	<pre> Input: { "global": { "enabled_protocol": "rapid_pvst" } } </pre>	<pre> Commands: [{ "global": { "enabled_protocol": "rapid_pvst" }, "state": "deleted" }] </pre>	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "rapid_pvst", "fwd_delay": 20, "hello_time": 5, "loop_guard": false, "max_age": 10, "portfast": false, "root_guard_timeout": 25 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, </pre>	<pre> After: { "global": { "bpdu_filter": false, "bridge_priority": 32768, "disabled_vlans": null, "enabled_protocol": null, "fwd_delay": 15, "hello_time": 2, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": null, "mstp": null, "pvst": null, "rapid_pvst": null } </pre>	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": null, "rapid_pvst": [{ "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 301 }, { "bridge_priority": 4096, "fwd_delay": 11, "hello_time": 3, "interfaces": null, "max_age": 9, "vlan_id": 302 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 303 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 304 }, { "bridge_priority": 4096, "fwd_delay": 20, "hello_time": 5, "interfaces": null, "max_age": 10, "vlan_id": 305 }, { "bridge_priority": 4096, </pre>		

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> " fwd_delay": 20, " hello_time": 5, " interfaces": null, " max_age": 10, " vlan_id": 306 }] } </pre>		
test_case_16.2	Passed	<pre> Input: { "global": { "enabled_protocol": "rapid_pvst" } } </pre>	<pre> Commands: [] </pre>	<pre> Before: { "global": { "bpdu_filter": false, "bridge_priority": 32768, "disabled_vlans": null, "enabled_protocol": null, "fwd_delay": 15, "hello_time": 2, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": null, "mstp": null, "pvst": null, "rapid_pvst": null } </pre>	<pre> After: "Not defined" </pre>	<pre> Error: "No Error" </pre>
test_case_17.1	Passed	<pre> Input: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "enabled_protocol": "mst", "fwd_delay": 20, "hello_time": 5, "max_age": 10 }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "shutdown": true, "stp_enable": true, }] } </pre>	<pre> Commands: [{ "global": { "bpdu_filter": true, "bridge_priority": 4096, "enabled_protocol": "mst", "fwd_delay": 20, "hello_time": 5, "max_age": 10 }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, }] }] </pre>	<pre> Before: { "global": { "bpdu_filter": false, "bridge_priority": 32768, "disabled_vlans": null, "enabled_protocol": null, "fwd_delay": 15, "hello_time": 2, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": null, "mstp": null, "pvst": null, "rapid_pvst": null } </pre>	<pre> After: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 20, "hello_time": 5, "loop_guard": false, "max_age": 10, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", }] } </pre>	<pre> Error: "No Error" </pre>

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre> "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "shutdown": true, "stp_enable": true, "uplink_fast": true }] } </pre>	<pre> "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "state": "merged" }] </pre>		<pre> "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": null, "pvst": null, "rapid_pvst": null } </pre>	
test_case_17.2	Passed	<pre> Input: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "enabled_protocol": "mst", "fwd_delay": 20, "hello_time": 5, "max_age": 10 }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "shutdown": true, "stp_enable": true, "uplink_fast": true }] } </pre>	<pre> Commands: [] </pre>	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 20, "hello_time": 5, "loop_guard": false, "max_age": 10, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", </pre>	<pre> After: "Not defined" </pre>	<pre> Error: "No Error" </pre>

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre> }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "shutdown": true, "stp_enable": true, "uplink_fast": true }] } </pre>		<pre> "link_type": "point-to-point", "port_priority": 50, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": null, "pvst": null, "rapid_pvst": null } </pre>		
test_case_18.1	Passed	<pre> Input: { "global": { "bpdu_filter": false, "bridge_priority": 8192, "fwd_delay": 30, "hello_time": 7, "max_age": 20 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": 28, "edge_port": false, "guard": "root", "intf_name": "Eth1/5", "link_type": "point-to-point", "port_priority": 32, "shutdown": false, "stp_enable": false, "uplink_fast": false }] } </pre>	<pre> Commands: [{ "global": { "bpdu_filter": false, "bridge_priority": 8192, "fwd_delay": 30, "hello_time": 7, "max_age": 20 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": 28, "edge_port": false, "guard": "root", "intf_name": "Eth1/5", "link_type": "point-to-point", "port_priority": 32, "shutdown": false, "stp_enable": false, "uplink_fast": false }] }, "state": "merged"] </pre>	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 20, "hello_time": 5, "loop_guard": false, "max_age": 10, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", </pre>	<pre> After: { "global": { "bpdu_filter": false, "bridge_priority": 8192, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 30, "hello_time": 7, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": 28, "edge_port": false, "guard": "root", "intf_name": "Eth1/5", "link_type": "point-to-point", "port_priority": 32, "portfast": false, "shutdown": false, "stp_enable": false, "uplink_fast": false }], { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", </pre>	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "port_priority": 50, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": null, "pvst": null, "rapid_pvst": null } </pre>	<pre> "port_priority": 50, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": null, "pvst": null, "rapid_pvst": null } </pre>	
test_case_18.2	Passed	<pre> Input: { "global": { "bpdu_filter": false, "bridge_priority": 8192, "fwd_delay": 30, "hello_time": 7, "max_age": 20 }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": 28, "edge_port": false, "guard": "root", "intf_name": "Eth1/5", "link_type": "point-to-point", "port_priority": 32, "shutdown": false, "stp_enable": false, "uplink_fast": false }] } </pre>	Commands: []	<pre> Before: { "global": { "bpdu_filter": false, "bridge_priority": 8192, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 30, "hello_time": 7, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": 28, "edge_port": false, "guard": "root", "intf_name": "Eth1/5", "link_type": "point-to-point", "port_priority": 32, "portfast": false, "shutdown": false, "stp_enable": false, "uplink_fast": false }], { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, </pre>	After: "Not defined"	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": null, "pvst": null, "rapid_pvst": null } </pre>		
test_case_19.1	Passed	<pre> Input: { "interfaces": [{ "cost": 80, "intf_name": "Eth1/7", "port_priority": 90 }] } </pre>	<pre> Commands: [{ "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "state": "deleted" }, { "global": null, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": 80, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": 90, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }] }], </pre>	<pre> Before: { "global": { "bpdu_filter": false, "bridge_priority": 8192, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 30, "hello_time": 7, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": 28, "edge_port": false, "guard": "root", "intf_name": "Eth1/5", "link_type": "point-to-point", "port_priority": 32, "portfast": false, "shutdown": false, "stp_enable": false, "uplink_fast": false }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "portfast": false, </pre>	<pre> After: { "global": { "bpdu_filter": false, "bridge_priority": 8192, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 30, "hello_time": 7, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": 28, "edge_port": false, "guard": "root", "intf_name": "Eth1/5", "link_type": "point-to-point", "port_priority": 32, "portfast": false, "shutdown": false, "stp_enable": false, "uplink_fast": false }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "portfast": false, </pre>	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
			<pre> "mstp": null, "pvst": null, "rapid_pvst": null, "state": "replaced" }] </pre>	<pre> "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": null, "pvst": null, "rapid_pvst": null } </pre>	<pre> "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": false, "bpdu_guard": false, "cost": 80, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": 90, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": null, "rapid_pvst": null } </pre>	
test_case_19.2	Passed	<pre> Input: { "interfaces": [{ "cost": 80, "intf_name": "Eth1/7", "port_priority": 90 }] } </pre>	Commands: []	<pre> Before: { "global": { "bpdu_filter": false, "bridge_priority": 8192, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 30, "hello_time": 7, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": 28, "edge_port": false, "guard": "root", "intf_name": "Eth1/5", "link_type": "point-to-point", "port_priority": 32, "portfast": false, "shutdown": false, "stp_enable": false, "uplink_fast": false }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "portfast": false, "shutdown": true, </pre>	After: "Not defined"	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": false, "bpdu_guard": false, "cost": 80, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": 90, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": null, "rapid_pvst": null } </pre>		
test_case_20.1	Passed	<pre> Input: { "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "intf_name": "Eth1/7" }] } </pre>	<pre> Commands: [{ "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "shutdown": true, "uplink_fast": true }, { "intf_name": "Eth1/7" }], "state": "deleted" }] </pre>	<pre> Before: { "global": { "bpdu_filter": false, "bridge_priority": 8192, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 30, "hello_time": 7, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": 28, "edge_port": false, "guard": "root", "intf_name": "Eth1/5", "link_type": "point-to-point", "port_priority": 32, "portfast": false, "shutdown": false, "stp_enable": false, "uplink_fast": false }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "portfast": false, "shutdown": true, "stp_enable": true, </pre>	<pre> After: { "global": { "bpdu_filter": false, "bridge_priority": 8192, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 30, "hello_time": 7, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": 28, "edge_port": false, "guard": "root", "intf_name": "Eth1/5", "link_type": "point-to-point", "port_priority": 32, "portfast": false, "shutdown": false, "stp_enable": false, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, </pre>	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "uplink_fast": true }, { "bpdu_filter": false, "bpdu_guard": false, "cost": 80, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": 90, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": null, "rapid_pvst": null } </pre>	<pre> "uplink_fast": false }], "mstp": null, "pvst": null, "rapid_pvst": null } </pre>	
test_case_20.2	Passed	<pre> Input: { "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "intf_name": "Eth1/7" }] } </pre>	Commands: []	<pre> Before: { "global": { "bpdu_filter": false, "bridge_priority": 8192, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 30, "hello_time": 7, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": 28, "edge_port": false, "guard": "root", "intf_name": "Eth1/5", "link_type": "point-to-point", "port_priority": 32, "portfast": false, "shutdown": false, "stp_enable": false, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }] } </pre>	After: "Not defined"	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> }], "mstp": null, "pvst": null, "rapid_pvst": null } </pre>		
test_case_21.1	Passed	<pre> Input: { "global": { "enabled_protocol": "mst" }, "interfaces": [{ "intf_name": "Eth1/5" }, { "intf_name": "Eth1/6" }, { "intf_name": "Eth1/7" }] } </pre>	<pre> Commands: [{ "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": 28, "edge_port": false, "guard": "root", "intf_name": "Eth1/5", "link_type": "point-to-point", "port_priority": 32, "portfast": false, "shutdown": false, "stp_enable": false, "uplink_fast": false }], "state": "deleted" }, { "global": { "bpdu_filter": false, "bridge_priority": 32768, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 15, "hello_time": 2, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }] }] </pre>	<pre> Before: { "global": { "bpdu_filter": false, "bridge_priority": 8192, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 30, "hello_time": 7, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": 28, "edge_port": false, "guard": "root", "intf_name": "Eth1/5", "link_type": "point-to-point", "port_priority": 32, "portfast": false, "shutdown": false, "stp_enable": false, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": null, "rapid_pvst": null } </pre>	<pre> After: { "global": { "bpdu_filter": false, "bridge_priority": 32768, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 15, "hello_time": 2, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }] } </pre>	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
			<pre> "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": null, "rapid_pvst": null, "state": "replaced" }] </pre>		<pre>], "mstp": null, "pvst": null, "rapid_pvst": null } </pre>	
test_case_21.2	Passed	<pre> Input: { "global": { "enabled_protocol": "mst" }, "interfaces": [{ "intf_name": "Eth1/5" }, { "intf_name": "Eth1/6" }, { "intf_name": "Eth1/7" }] } </pre>	<pre> Commands: [] </pre>	<pre> Before: { "global": { "bpdu_filter": false, "bridge_priority": 32768, "disabled_vlans": null, "enabled_protocol": "mst", "_fwd_delay": 15, "hello_time": 2, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", </pre>	<pre> After: "Not defined" </pre>	<pre> Error: "No Error" </pre>

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": null, "rapid_pvst": null } </pre>		
test_case_22.1	Passed	<pre> Input: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "enabled_protocol": "mst", "fwd_delay": 15, "hello_time": 5, "loop_guard": true, "max_age": 10 }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "shutdown": true, "stp_enable": true, "uplink_fast": true }] } </pre>	<pre> Commands: [{ "global": { "bpdu_filter": false, "bridge_priority": 32768, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 15, "hello_time": 2, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", </pre>	<pre> Before: { "global": { "bpdu_filter": false, "bridge_priority": 32768, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 15, "hello_time": 2, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/5", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/6", "link_type": null, </pre>	<pre> After: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 15, "hello_time": 5, "loop_guard": true, "max_age": 10, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", </pre>	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre> }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": { "fwd_delay": 12, "hello_time": 6, "max_age": 9, "max_hop": 3, "mst_instances": [{ "bridge_priority": 2048, "interfaces": [{ "cost": 60, "intf_name": "Eth1/5", "port_priority": 65 }], "mst_id": 1, "vlans": [301] }, { "bridge_priority": 1024, "interfaces": [{ "cost": 50, "intf_name": "Eth1/6", "port_priority": 55 }], "mst_id": 2, "vlans": [302] }] }, "mst_name": "mst1", "revision": 1 } </pre>	<pre> "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": null, "rapid_pvst": null }, { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 15, "hello_time": 5, "loop_guard": true, "max_age": 10, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, </pre>	<pre> "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }, { "bpdu_filter": false, "bpdu_guard": false, "cost": null, "edge_port": false, "guard": null, "intf_name": "Eth1/7", "link_type": null, "port_priority": null, "portfast": false, "shutdown": false, "stp_enable": true, "uplink_fast": false }], "mstp": null, "pvst": null, "rapid_pvst": null } </pre>	<pre> "port_priority": 50, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": { "fwd_delay": 12, "hello_time": 6, "max_age": 9, "max_hop": 3, "mst_instances": [{ "bridge_priority": 2048, "interfaces": null, "mst_id": 1, "vlans": ["301"] }, { "bridge_priority": 1024, "interfaces": null, "mst_id": 2, "vlans": ["302"] }] }, "mst_name": "mst1", "revision": 1 }, "pvst": null, "rapid_pvst": null } </pre>	

Testcase name	Status	User Input	Commands	Before	After	Module exception
			<pre> "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpd_filter": true, "bpd_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": { " fwd_delay": 12, "hello_time": 6, "max_age": 9, "max_hop": 3, "mst_instances": [{ "bridge_priority": 2048, "interfaces": [{ "cost": 60, "intf_name": "Eth1/5", "port_priority": 65 }], "mst_id": 1, "vlans": ["301"] }, { "bridge_priority": 1024, "interfaces": [{ "cost": 50, "intf_name": "Eth1/6", "port_priority": 55 }], "mst_id": 2, "vlans": ["302"] }], "mst_name": "mst1", "revision": 1 }, "pvst": null, "rapid_pvst": null, "state": "overridden" }] </pre>			

Testcase name	Status	User Input	Commands	Before	After	Module exception
test_case_22.2	Passed	<pre> Input: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "enabled_protocol": "mst", "fwd_delay": 15, "hello_time": 5, "loop_guard": true, "max_age": 10 }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": { "fwd_delay": 12, "hello_time": 6, "max_age": 9, "max_hop": 3, "mst_instances": [{ "bridge_priority": 2048, "interfaces": [{ "cost": 60, "intf_name": "Eth1/5", </pre>	<pre> Commands: [] </pre>	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 15, "hello_time": 5, "loop_guard": true, "max_age": 10, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": { "fwd_delay": 12, "hello_time": 6, "max_age": 9, "max_hop": 3, "mst_instances": [</pre>	<pre> After: "Not defined" </pre>	<pre> Error: "No Error" </pre>

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre> "port_priority": 65 }], "mst_id": 1, "vlans": [301] }, { "bridge_priority": 1024, "interfaces": [{ "cost": 50, "intf_name": "Eth1/6", "port_priority": 55 }], "mst_id": 2, "vlans": [302] }], "mst_name": "mst1", "revision": 1 } } </pre>		<pre> { "bridge_priority": 2048, "interfaces": [{ "cost": 60, "intf_name": "Eth1/5", "port_priority": 65 }], "mst_id": 1, "vlans": ["301"] }, { "bridge_priority": 1024, "interfaces": [{ "cost": 50, "intf_name": "Eth1/6", "port_priority": 55 }], "mst_id": 2, "vlans": ["302"] }], "mst_name": "mst1", "revision": 1 }, "pvst": null, "rapid_pvst": null } </pre>		
test_case_23.1	Passed	Input: {}	<pre> Commands: [{ "global": { "bpdu_filter": true, "bridge_priority": 4096, "enabled_protocol": "mst", "hello_time": 5, "loop_guard": true, "max_age": 10 }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "shutdown": true, "uplink_fast": true }], { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, </pre>	<pre> Before: { "global": { "bpdu_filter": true, "bridge_priority": 4096, "disabled_vlans": null, "enabled_protocol": "mst", "fwd_delay": 15, "hello_time": 5, "loop_guard": true, "max_age": 10, "portfast": false, "root_guard_timeout": null }, "interfaces": [{ "bpdu_filter": true, "bpdu_guard": true, "cost": 20, "edge_port": true, "guard": "loop", "intf_name": "Eth1/5", "link_type": "shared", "port_priority": 30, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true </pre>	<pre> After: { "global": { "bpdu_filter": false, "bridge_priority": 32768, "disabled_vlans": null, "enabled_protocol": null, "fwd_delay": 15, "hello_time": 2, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": null, "mstp": null, "pvst": null, "rapid_pvst": null } </pre>	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
			<pre> "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "shutdown": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "shutdown": true, "uplink_fast": true }], "mstp": { "fwd_delay": 12, "hello_time": 6, "max_age": 9, "max_hop": 3, "mst_instances": [{ "bridge_priority": 2048, "interfaces": [{ "cost": 60, "intf_name": "Eth1/5", "port_priority": 65 }], "mst_id": 1, "vlans": ["301"] } }, { "bridge_priority": 1024, "interfaces": [{ "cost": 50, "intf_name": "Eth1/6", "port_priority": 55 }], "mst_id": 2, "vlans": ["302"] }], "mst_name": "mst1", "revision": 1 }, "state": "deleted" }] </pre>	<pre> }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 40, "edge_port": true, "guard": "root", "intf_name": "Eth1/6", "link_type": "point-to-point", "port_priority": 50, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }, { "bpdu_filter": true, "bpdu_guard": true, "cost": 60, "edge_port": true, "guard": "none", "intf_name": "Eth1/7", "link_type": "shared", "port_priority": 70, "portfast": false, "shutdown": true, "stp_enable": true, "uplink_fast": true }], "mstp": { "fwd_delay": 12, "hello_time": 6, "max_age": 9, "max_hop": 3, "mst_instances": [{ "bridge_priority": 2048, "interfaces": [{ "cost": 60, "intf_name": "Eth1/5", "port_priority": 65 }], "mst_id": 1, "vlans": ["301"] } }, { "bridge_priority": 1024, "interfaces": [{ "cost": 50, "intf_name": "Eth1/6", "port_priority": 55 }], "mst_id": 2, "vlans": ["302"] }] } </pre>		

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre>], "mst_name": "mst1", "revision": 1 }, "pvst": null, "rapid_pvst": null } </pre>		
test_case_23.2	Passed	Input: {}	Commands: []	<pre> Before: { "global": { "bpdu_filter": false, "bridge_priority": 32768, "disabled_vlans": null, "enabled_protocol": null, "fwd_delay": 15, "hello_time": 2, "loop_guard": false, "max_age": 20, "portfast": false, "root_guard_timeout": null }, "interfaces": null, "mstp": null, "pvst": null, "rapid_pvst": null } </pre>	After: "Not defined"	Error: "No Error"

Testcase Complete Summary: Total: 46, Passed: 46, Failed: 0