Regression report

Date: *2024-06-06* **Time:** *13-52-06*

Summary report

Module	Total testcases	Passed	Failed
copp	12	12	0

Testcase Complete Summary: Total: 12, Passed: 12, Failed: 0

Detailed report of *copp*

Testcase summary: Total: 12, Passed: 12, Failed: 0

Testcase name	Status	User Input	Commands	Before	After	Module exception

test_case_01.1	Passed	Input: {
		  "copp_groups": [
		    {
		      "cbs": "45",
		      "cir": "45",
		      "copp_name": "copp-1",
		      "queue": 1,
		      "trap_action": "DROP",
		      "trap_priority": 1
		    },
		    {
		      "cbs": "90",
		      "cir": "90",
		      "copp_name": "copp-2",
		      "queue": 2,
		      "trap_action": "FORWARD",
		      "trap_priority": 2
		    }
		  ]
		}
			Commands: [
			  {
			    "copp_groups": [
			      {
			        "cbs": "45",
			        "cir": "45",
			        "copp_name": "copp-1",
			        "queue": 1,
			        "trap_action": "DROP",
			        "trap_priority": 1
			      },
			      {
			        "cbs": "90",
			        "cir": "90",
			        "copp_name": "copp-2",
			        "queue": 2,
			        "trap_action": "FORWARD",
			        "trap_priority": 2
			      }
			    ],
			    "state": "merged"
			  }
			]
				Before: {
				  "copp_groups": [
				    {
				      "cbs": "3000",
				      "cir": "3000",
				      "copp_name": "copp-system-arp",
				      "queue": 10,
				      "trap_action": "COPY",
				      "trap_priority": 10
				    },
				    {
				      "cbs": "2000",
				      "cir": "2000",
				      "copp_name": "copp-system-bfd",
				      "queue": 20,
				      "trap_action": "TRAP",
				      "trap_priority": 20
				    },
				    {
				      "cbs": "10000",
				      "cir": "10000",
				      "copp_name": "copp-system-bgp",
				      "queue": 14,
				      "trap_action": "TRAP",
				      "trap_priority": 14
				    },
				    {
				      "cbs": "300",
				      "cir": "300",
				      "copp_name": "copp-system-dhcp",
				      "queue": 9,
				      "trap_action": "TRAP",
				      "trap_priority": 9
				    },
				    {
				      "cbs": "5000",
				      "cir": "5000",
				      "copp_name": "copp-system-iccp",
				      "queue": 16,
				      "trap_action": "TRAP",
				      "trap_priority": 16
				    },
				    {
				      "cbs": "1000",
				      "cir": "1000",
				      "copp_name": "copp-system-icmp",
				      "queue": 8,
				      "trap_action": "TRAP",
				      "trap_priority": 8
				    },
				    {
				      "cbs": "2000",
				      "cir": "2000",
				      "copp_name": "copp-system-igmp",
				      "queue": 12,
				      "trap_action": "TRAP",
				      "trap_priority": 12
				    },
				    {
				      "cbs": "6000",
				      "cir": "6000",
				      "copp_name": "copp-system-ip2me",
				      "queue": 7,
				      "trap_action": "TRAP",
				      "trap_priority": 7
				    },
				    {
				      "cbs": "500",
				      "cir": "500",
				      "copp_name": "copp-system-lacp",
				      "queue": 23,
				      "trap_action": "TRAP",
				      "trap_priority": 23
				    },
				    {
				      "cbs": "500",
				      "cir": "500",
				      "copp_name": "copp-system-lldp",
				      "queue": 18,
				      "trap_action": "TRAP",
				      "trap_priority": 18
				    },
				    {
				      "cbs": "500",
				      "cir": "500",
				      "copp_name": "copp-system-mtu",
				      "queue": 4,
				      "trap_action": "TRAP",
				      "trap_priority": 4
				    },
				    {
				      "cbs": "5000",
				      "cir": "5000",
				      "copp_name": "copp-system-ospf",
				      "queue": 15,
				      "trap_action": "COPY",
				      "trap_priority": 15
				    },
				    {
				      "cbs": "5000",
				      "cir": "5000",
				      "copp_name": "copp-system-pim",
				      "queue": 13,
				      "trap_action": "TRAP",
				      "trap_priority": 13
				    },
				    {
				      "cbs": "8000",
				      "cir": "8000",
				      "copp_name": "copp-system-sflow",
				      "queue": 3,
				      "trap_action": "TRAP",
				      "trap_priority": 3
				    },
				    {
				      "cbs": "16000",
				      "cir": "16000",
				      "copp_name": "copp-system-stp",
				      "queue": 21,
				      "trap_action": "TRAP",
				      "trap_priority": 21
				    },
				    {
				      "cbs": "2000",
				      "cir": "2000",
				      "copp_name": "copp-system-subnet",
				      "queue": 6,
				      "trap_action": "TRAP",
				      "trap_priority": 6
				    },
					After: {
					  "copp_groups": [
					    {
					      "cbs": "45",
					      "cir": "45",
					      "copp_name": "copp-1",
					      "queue": 1,
					      "trap_action": "DROP",
					      "trap_priority": 1
					    },
					    {
					      "cbs": "90",
					      "cir": "90",
					      "copp_name": "copp-2",
					      "queue": 2,
					      "trap_action": "FORWARD",
					      "trap_priority": 2
					    },
					    {
					      "cbs": "3000",
					      "cir": "3000",
					      "copp_name": "copp-system-arp",
					      "queue": 10,
					      "trap_action": "COPY",
					      "trap_priority": 10
					    },
					    {
					      "cbs": "2000",
					      "cir": "2000",
					      "copp_name": "copp-system-bfd",
					      "queue": 20,
					      "trap_action": "TRAP",
					      "trap_priority": 20
					    },
					    {
					      "cbs": "10000",
					      "cir": "10000",
					      "copp_name": "copp-system-bgp",
					      "queue": 14,
					      "trap_action": "TRAP",
					      "trap_priority": 14
					    },
					    {
					      "cbs": "300",
					      "cir": "300",
					      "copp_name": "copp-system-dhcp",
					      "queue": 9,
					      "trap_action": "TRAP",
					      "trap_priority": 9
					    },
					    {
					      "cbs": "5000",
					      "cir": "5000",
					      "copp_name": "copp-system-iccp",
					      "queue": 16,
					      "trap_action": "TRAP",
					      "trap_priority": 16
					    },
					    {
					      "cbs": "1000",
					      "cir": "1000",
					      "copp_name": "copp-system-icmp",
					      "queue": 8,
					      "trap_action": "TRAP",
					      "trap_priority": 8
					    },
					    {
					      "cbs": "2000",
					      "cir": "2000",
					      "copp_name": "copp-system-igmp",
					      "queue": 12,
					      "trap_action": "TRAP",
					      "trap_priority": 12
					    },
					    {
					      "cbs": "6000",
					      "cir": "6000",
					      "copp_name": "copp-system-ip2me",
					      "queue": 7,
					      "trap_action": "TRAP",
					      "trap_priority": 7
					    },
					    {
					      "cbs": "500",
					      "cir": "500",
					      "copp_name": "copp-system-lacp",
					      "queue": 23,
					      "trap_action": "TRAP",
					      "trap_priority": 23
					    },
					    {
					      "cbs": "500",
					      "cir": "500",
					      "copp_name": "copp-system-lldp",
					      "queue": 18,
					      "trap_action": "TRAP",
					      "trap_priority": 18
					    },
					    {
					      "cbs": "500",
					      "cir": "500",
					      "copp_name": "copp-system-mtu",
					      "queue": 4,
					      "trap_action": "TRAP",
					      "trap_priority": 4
					    },
					    {
					      "cbs": "5000",
					      "cir": "5000",
					      "copp_name": "copp-system-ospf",
					      "queue": 15,
					      "trap_action": "COPY",
					      "trap_priority": 15
					    },
					    {
					      "cbs": "5000",
					      "cir": "5000",
					      "copp_name": "copp-system-pim",
					      "queue": 13,
					      "trap_action": "TRAP",
					      "trap_priority": 13
					    },
					    {
					      "cbs": "8000",
					      "cir": "8000",
					      "copp_name": "copp-system-sflow",
					      "queue": 3,
					      "trap_action": "TRAP",
					      "trap_priority": 3
					    },
						Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
				```json { "cbs": "3000", "cir": "3000", "copp_name": "copp-system-suppress", "queue": 11, "trap_action": "TRAP", "trap_priority": 11 }, { "cbs": "100", "cir": "100", "copp_name": "copp-system-ttl", "trap_action": "TRAP" }, { "cbs": "500", "cir": "500", "copp_name": "copp-system-udld", "queue": 22, "trap_action": "TRAP", "trap_priority": 22 }, { "cbs": "500", "cir": "500", "copp_name": "copp-system-vrrp", "queue": 17, "trap_action": "TRAP", "trap_priority": 17 }, { "cbs": "100", "cir": "100", "copp_name": "default" }] } ```	```json { "cbs": "16000", "cir": "16000", "copp_name": "copp-system-stp", "queue": 21, "trap_action": "TRAP", "trap_priority": 21 }, { "cbs": "2000", "cir": "2000", "copp_name": "copp-system-subnet", "queue": 6, "trap_action": "TRAP", "trap_priority": 6 }, { "cbs": "3000", "cir": "3000", "copp_name": "copp-system-suppress", "queue": 11, "trap_action": "TRAP", "trap_priority": 11 }, { "cbs": "100", "cir": "100", "copp_name": "copp-system-ttl", "trap_action": "TRAP" }, { "cbs": "500", "cir": "500", "copp_name": "copp-system-udld", "queue": 22, "trap_action": "TRAP", "trap_priority": 22 }, { "cbs": "500", "cir": "500", "copp_name": "copp-system-vrrp", "queue": 17, "trap_action": "TRAP", "trap_priority": 17 }, { "cbs": "100", "cir": "100", "copp_name": "default" }] } ```	
test_case_01.2	Passed	Input: { "copp_groups": [{ "cbs": "45", "cir": "45", "copp_name": "copp-1", "queue": 1, "trap_action": "DROP", "trap_priority": 1 }, { "cbs": "90", "cir": "90", "copp_name": "copp-2", "queue": 2, "trap_action": "FORWARD", "trap_priority": 2 }] }	Commands: []	Before: { "copp_groups": [{ "cbs": "45", "cir": "45", "copp_name": "copp-1", "queue": 1, "trap_action": "DROP", "trap_priority": 1 }, { "cbs": "90", "cir": "90", "copp_name": "copp-2", "queue": 2, "trap_action": "FORWARD", "trap_priority": 2 }, { "cbs": "3000", "cir": "3000", "copp_name": "copp-system-arp", "queue": 10, "trap_action": "COPY", "trap_priority": 10 }, { "cbs": "2000", "cir": "2000", "copp_name": "copp-system-bfd", "queue": 20, "trap_action": "TRAP", "trap_priority": 20 }, { "cbs": "10000", "cir": "10000", "copp_name": "copp-system-bgp", "queue": 14, "trap_action": "TRAP", "trap_priority": 14 }, { "cbs": "300", "cir": "300", "copp_name": "copp-system-dhcp", "queue": 9, "trap_action": "TRAP", "trap_priority": 9 }, { "cbs": "5000", "cir": "5000", "copp_name": "copp-system-iccp", "queue": 16, "trap_action": "TRAP", "trap_priority": 16 }, { "cbs": "1000", "cir": "1000", "copp_name": "copp-system-icmp", "queue": 8, "trap_action": "TRAP", "trap_priority": 8 }, { "cbs": "2000", "cir": "2000", "copp_name": "copp-system-igmp", "queue": 12, "trap_action": "TRAP", "trap_priority": 12 }, { "cbs": "6000", "cir": "6000", "copp_name": "copp-system-ip2me", "queue": 7, "trap_action": "TRAP", "trap_priority": 7 }, { "cbs": "500", "cir": "500", "copp_name": "copp-system-lacp", "queue": 23, "trap_action": "TRAP", "trap_priority": 23 }, { "cbs": "500", "cir": "500", "copp_name": "copp-system-lldp", "queue": 18, "trap_action": "TRAP", "trap_priority": 18 }, { "cbs": "500", "cir": "500", "copp_name": "copp-system-mtu", "queue": 4, "trap_action": "TRAP", "trap_priority": 4 }, { "cbs": "5000",	After: "Not defined"	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
				(continued)		

Before (top, continuation):
```
      "cir": "5000",
      "copp_name": "copp-system-ospf",
      "queue": 15,
      "trap_action": "COPY",
      "trap_priority": 15
    },
    {
      "cbs": "5000",
      "cir": "5000",
      "copp_name": "copp-system-pim",
      "queue": 13,
      "trap_action": "TRAP",
      "trap_priority": 13
    },
    {
      "cbs": "8000",
      "cir": "8000",
      "copp_name": "copp-system-sflow",
      "queue": 3,
      "trap_action": "TRAP",
      "trap_priority": 3
    },
    {
      "cbs": "16000",
      "cir": "16000",
      "copp_name": "copp-system-stp",
      "queue": 21,
      "trap_action": "TRAP",
      "trap_priority": 21
    },
    {
      "cbs": "2000",
      "cir": "2000",
      "copp_name": "copp-system-subnet",
      "queue": 6,
      "trap_action": "TRAP",
      "trap_priority": 6
    },
    {
      "cbs": "3000",
      "cir": "3000",
      "copp_name": "copp-system-suppress",
      "queue": 11,
      "trap_action": "TRAP",
      "trap_priority": 11
    },
    {
      "cbs": "100",
      "cir": "100",
      "copp_name": "copp-system-ttl",
      "trap_action": "TRAP"
    },
    {
      "cbs": "500",
      "cir": "500",
      "copp_name": "copp-system-udld",
      "queue": 22,
      "trap_action": "TRAP",
      "trap_priority": 22
    },
    {
      "cbs": "500",
      "cir": "500",
      "copp_name": "copp-system-vrrp",
      "queue": 17,
      "trap_action": "TRAP",
      "trap_priority": 17
    },
    {
      "cbs": "100",
      "cir": "100",
      "copp_name": "default"
    }
  ]
}
```

| test_case_02.1 | Passed | (Input) | (Commands) | (Before) | (After) | Error: "No Error" |

User Input:
```
Input: {
  "copp_groups": [
    {
      "cbs": "20",
      "cir": "20",
      "copp_name": "copp-1",
      "queue": 8,
      "trap_action": "FORWARD",
      "trap_priority": 8
    }
  ]
}
```

Commands:
```
Commands: [
  {
    "copp_groups": [
      {
        "cbs": "20",
        "cir": "20",
        "copp_name": "copp-1",
        "queue": 8,
        "trap_action": "FORWARD",
        "trap_priority": 8
      }
    ],
    "state": "merged"
  }
]
```

Before:
```
Before: {
  "copp_groups": [
    {
      "cbs": "45",
      "cir": "45",
      "copp_name": "copp-1",
      "queue": 1,
      "trap_action": "DROP",
      "trap_priority": 1
    },
    {
      "cbs": "90",
      "cir": "90",
      "copp_name": "copp-2",
      "queue": 2,
      "trap_action": "FORWARD",
      "trap_priority": 2
    },
    {
      "cbs": "3000",
      "cir": "3000",
      "copp_name": "copp-system-arp",
      "queue": 10,
      "trap_action": "COPY",
      "trap_priority": 10
    },
    {
      "cbs": "2000",
      "cir": "2000",
      "copp_name": "copp-system-bfd",
      "queue": 20,
      "trap_action": "TRAP",
      "trap_priority": 20
    },
    {
      "cbs": "10000",
      "cir": "10000",
      "copp_name": "copp-system-bgp",
      "queue": 14,
      "trap_action": "TRAP",
      "trap_priority": 14
    },
    {
      "cbs": "300",
      "cir": "300",
      "copp_name": "copp-system-dhcp",
      "queue": 9,
      "trap_action": "TRAP",
      "trap_priority": 9
    },
    {
      "cbs": "5000",
      "cir": "5000",
      "copp_name": "copp-system-iccp",
      "queue": 16,
      "trap_action": "TRAP",
      "trap_priority": 16
    },
    {
      "cbs": "1000",
      "cir": "1000",
      "copp_name": "copp-system-icmp",
      "queue": 8,
      "trap_action": "TRAP",
      "trap_priority": 8
    },
    {
      "cbs": "2000",
      "cir": "2000",
      "copp_name": "copp-system-igmp",
      "queue": 12,
      "trap_action": "TRAP",
      "trap_priority": 12
    },
    {
      "cbs": "6000",
      "cir": "6000",
      "copp_name": "copp-system-ip2me",
      "queue": 7,
      "trap_action": "TRAP",
      "trap_priority": 7
    },
    {
      "cbs": "500",
      "cir": "500",
      "copp_name": "copp-system-lacp",
```

After:
```
After: {
  "copp_groups": [
    {
      "cbs": "20",
      "cir": "20",
      "copp_name": "copp-1",
      "queue": 8,
      "trap_action": "FORWARD",
      "trap_priority": 8
    },
    {
      "cbs": "90",
      "cir": "90",
      "copp_name": "copp-2",
      "queue": 2,
      "trap_action": "FORWARD",
      "trap_priority": 2
    },
    {
      "cbs": "3000",
      "cir": "3000",
      "copp_name": "copp-system-arp",
      "queue": 10,
      "trap_action": "COPY",
      "trap_priority": 10
    },
    {
      "cbs": "2000",
      "cir": "2000",
      "copp_name": "copp-system-bfd",
      "queue": 20,
      "trap_action": "TRAP",
      "trap_priority": 20
    },
    {
      "cbs": "10000",
      "cir": "10000",
      "copp_name": "copp-system-bgp",
      "queue": 14,
      "trap_action": "TRAP",
      "trap_priority": 14
    },
    {
      "cbs": "300",
      "cir": "300",
      "copp_name": "copp-system-dhcp",
      "queue": 9,
      "trap_action": "TRAP",
      "trap_priority": 9
    },
    {
      "cbs": "5000",
      "cir": "5000",
      "copp_name": "copp-system-iccp",
      "queue": 16,
      "trap_action": "TRAP",
      "trap_priority": 16
    },
    {
      "cbs": "1000",
      "cir": "1000",
      "copp_name": "copp-system-icmp",
      "queue": 8,
      "trap_action": "TRAP",
      "trap_priority": 8
    },
    {
      "cbs": "2000",
      "cir": "2000",
      "copp_name": "copp-system-igmp",
      "queue": 12,
      "trap_action": "TRAP",
      "trap_priority": 12
    },
    {
      "cbs": "6000",
      "cir": "6000",
      "copp_name": "copp-system-ip2me",
      "queue": 7,
      "trap_action": "TRAP",
      "trap_priority": 7
    },
    {
      "cbs": "500",
      "cir": "500",
      "copp_name": "copp-system-lacp",
```

Testcase name	Status	User Input	Commands	Before	After	Module exception
| | | | | ```json
          "queue": 23,
          "trap_action": "TRAP",
          "trap_priority": 23
        },
        {
          "cbs": "500",
          "cir": "500",
          "copp_name": "copp-system-lldp",
          "queue": 18,
          "trap_action": "TRAP",
          "trap_priority": 18
        },
        {
          "cbs": "500",
          "cir": "500",
          "copp_name": "copp-system-mtu",
          "queue": 4,
          "trap_action": "TRAP",
          "trap_priority": 4
        },
        {
          "cbs": "5000",
          "cir": "5000",
          "copp_name": "copp-system-ospf",
          "queue": 15,
          "trap_action": "COPY",
          "trap_priority": 15
        },
        {
          "cbs": "5000",
          "cir": "5000",
          "copp_name": "copp-system-pim",
          "queue": 13,
          "trap_action": "TRAP",
          "trap_priority": 13
        },
        {
          "cbs": "8000",
          "cir": "8000",
          "copp_name": "copp-system-sflow",
          "queue": 3,
          "trap_action": "TRAP",
          "trap_priority": 3
        },
        {
          "cbs": "16000",
          "cir": "16000",
          "copp_name": "copp-system-stp",
          "queue": 21,
          "trap_action": "TRAP",
          "trap_priority": 21
        },
        {
          "cbs": "2000",
          "cir": "2000",
          "copp_name": "copp-system-subnet",
          "queue": 6,
          "trap_action": "TRAP",
          "trap_priority": 6
        },
        {
          "cbs": "3000",
          "cir": "3000",
          "copp_name": "copp-system-suppress",
          "queue": 11,
          "trap_action": "TRAP",
          "trap_priority": 11
        },
        {
          "cbs": "100",
          "cir": "100",
          "copp_name": "copp-system-ttl",
          "trap_action": "TRAP"
        },
        {
          "cbs": "500",
          "cir": "500",
          "copp_name": "copp-system-udld",
          "queue": 22,
          "trap_action": "TRAP",
          "trap_priority": 22
        },
        {
          "cbs": "500",
          "cir": "500",
          "copp_name": "copp-system-vrrp",
          "queue": 17,
          "trap_action": "TRAP",
          "trap_priority": 17
        },
        {
          "cbs": "100",
          "cir": "100",
          "copp_name": "default"
        }
    ]
}
``` | ```json
          "queue": 23,
          "trap_action": "TRAP",
          "trap_priority": 23
        },
        {
          "cbs": "500",
          "cir": "500",
          "copp_name": "copp-system-lldp",
          "queue": 18,
          "trap_action": "TRAP",
          "trap_priority": 18
        },
        {
          "cbs": "500",
          "cir": "500",
          "copp_name": "copp-system-mtu",
          "queue": 4,
          "trap_action": "TRAP",
          "trap_priority": 4
        },
        {
          "cbs": "5000",
          "cir": "5000",
          "copp_name": "copp-system-ospf",
          "queue": 15,
          "trap_action": "COPY",
          "trap_priority": 15
        },
        {
          "cbs": "5000",
          "cir": "5000",
          "copp_name": "copp-system-pim",
          "queue": 13,
          "trap_action": "TRAP",
          "trap_priority": 13
        },
        {
          "cbs": "8000",
          "cir": "8000",
          "copp_name": "copp-system-sflow",
          "queue": 3,
          "trap_action": "TRAP",
          "trap_priority": 3
        },
        {
          "cbs": "16000",
          "cir": "16000",
          "copp_name": "copp-system-stp",
          "queue": 21,
          "trap_action": "TRAP",
          "trap_priority": 21
        },
        {
          "cbs": "2000",
          "cir": "2000",
          "copp_name": "copp-system-subnet",
          "queue": 6,
          "trap_action": "TRAP",
          "trap_priority": 6
        },
        {
          "cbs": "3000",
          "cir": "3000",
          "copp_name": "copp-system-suppress",
          "queue": 11,
          "trap_action": "TRAP",
          "trap_priority": 11
        },
        {
          "cbs": "100",
          "cir": "100",
          "copp_name": "copp-system-ttl",
          "trap_action": "TRAP"
        },
        {
          "cbs": "500",
          "cir": "500",
          "copp_name": "copp-system-udld",
          "queue": 22,
          "trap_action": "TRAP",
          "trap_priority": 22
        },
        {
          "cbs": "500",
          "cir": "500",
          "copp_name": "copp-system-vrrp",
          "queue": 17,
          "trap_action": "TRAP",
          "trap_priority": 17
        },
        {
          "cbs": "100",
          "cir": "100",
          "copp_name": "default"
        }
    ]
}
``` | |
| test_case_02.2 | Passed | ```json
Input: {
    "copp_groups": [
        {
            "cbs": "20",
            "cir": "20",
            "copp_name": "copp-1",
            "queue": 8,
            "trap_action": "FORWARD",
            "trap_priority": 8
        }
    ]
}
``` | Commands: [] | ```json
Before: {
    "copp_groups": [
        {
            "cbs": "20",
            "cir": "20",
            "copp_name": "copp-1",
            "queue": 8,
            "trap_action": "FORWARD",
            "trap_priority": 8
        },
        {
            "cbs": "90",
            "cir": "90",
            "copp_name": "copp-2",
            "queue": 2,
            "trap_action": "FORWARD",
            "trap_priority": 2
        },
        {
            "cbs": "3000",
            "cir": "3000",
            "copp_name": "copp-system-arp",
            "queue": 10,
            "trap_action": "COPY",
            "trap_priority": 10
        },
        {
            "cbs": "2000",
            "cir": "2000",
            "copp_name": "copp-system-bfd",
            "queue": 20,
            "trap_action": "TRAP",
            "trap_priority": 20
        },
        {
            "cbs": "10000",
            "cir": "10000",
            "copp_name": "copp-system-bgp",
            "queue": 14,
            "trap_action": "TRAP",
            "trap_priority": 14
        },
        {
            "cbs": "300",
            "cir": "300",
            "copp_name": "copp-system-dhcp",
            "queue": 9,
            "trap_action": "TRAP",
            "trap_priority": 9
        },
        {
            "cbs": "5000",
            "cir": "5000",
            "copp_name": "copp-system-iccp",
            "queue": 16,
            "trap_action": "TRAP",
            "trap_priority": 16
        },
        {
            "cbs": "1000",
            "cir": "1000",
            "copp_name": "copp-system-icmp",
            "queue": 8,
            "trap_action": "TRAP",
``` | After: "Not defined" | Error: "No Error" |

Testcase name	Status	User Input	Commands	Before	After	Module exception

```
                                                                "trap_priority": 8
                                                            },
                                                            {
                                                                "cbs": "2000",
                                                                "cir": "2000",
                                                                "copp_name": "copp-system-igmp",
                                                                "queue": 12,
                                                                "trap_action": "TRAP",
                                                                "trap_priority": 12
                                                            },
                                                            {
                                                                "cbs": "6000",
                                                                "cir": "6000",
                                                                "copp_name": "copp-system-ip2me",
                                                                "queue": 7,
                                                                "trap_action": "TRAP",
                                                                "trap_priority": 7
                                                            },
                                                            {
                                                                "cbs": "500",
                                                                "cir": "500",
                                                                "copp_name": "copp-system-lacp",
                                                                "queue": 23,
                                                                "trap_action": "TRAP",
                                                                "trap_priority": 23
                                                            },
                                                            {
                                                                "cbs": "500",
                                                                "cir": "500",
                                                                "copp_name": "copp-system-lldp",
                                                                "queue": 18,
                                                                "trap_action": "TRAP",
                                                                "trap_priority": 18
                                                            },
                                                            {
                                                                "cbs": "500",
                                                                "cir": "500",
                                                                "copp_name": "copp-system-mtu",
                                                                "queue": 4,
                                                                "trap_action": "TRAP",
                                                                "trap_priority": 4
                                                            },
                                                            {
                                                                "cbs": "5000",
                                                                "cir": "5000",
                                                                "copp_name": "copp-system-ospf",
                                                                "queue": 15,
                                                                "trap_action": "COPY",
                                                                "trap_priority": 15
                                                            },
                                                            {
                                                                "cbs": "5000",
                                                                "cir": "5000",
                                                                "copp_name": "copp-system-pim",
                                                                "queue": 13,
                                                                "trap_action": "TRAP",
                                                                "trap_priority": 13
                                                            },
                                                            {
                                                                "cbs": "8000",
                                                                "cir": "8000",
                                                                "copp_name": "copp-system-sflow",
                                                                "queue": 3,
                                                                "trap_action": "TRAP",
                                                                "trap_priority": 3
                                                            },
                                                            {
                                                                "cbs": "16000",
                                                                "cir": "16000",
                                                                "copp_name": "copp-system-stp",
                                                                "queue": 21,
                                                                "trap_action": "TRAP",
                                                                "trap_priority": 21
                                                            },
                                                            {
                                                                "cbs": "2000",
                                                                "cir": "2000",
                                                                "copp_name": "copp-system-subnet",
                                                                "queue": 6,
                                                                "trap_action": "TRAP",
                                                                "trap_priority": 6
                                                            },
                                                            {
                                                                "cbs": "3000",
                                                                "cir": "3000",
                                                                "copp_name": "copp-system-suppress",
                                                                "queue": 11,
                                                                "trap_action": "TRAP",
                                                                "trap_priority": 11
                                                            },
                                                            {
                                                                "cbs": "100",
                                                                "cir": "100",
                                                                "copp_name": "copp-system-ttl",
                                                                "trap_action": "TRAP"
                                                            },
                                                            {
                                                                "cbs": "500",
                                                                "cir": "500",
                                                                "copp_name": "copp-system-udld",
                                                                "queue": 22,
                                                                "trap_action": "TRAP",
                                                                "trap_priority": 22
                                                            },
                                                            {
                                                                "cbs": "500",
                                                                "cir": "500",
                                                                "copp_name": "copp-system-vrrp",
                                                                "queue": 17,
                                                                "trap_action": "TRAP",
                                                                "trap_priority": 17
                                                            },
                                                            {
                                                                "cbs": "100",
                                                                "cir": "100",
                                                                "copp_name": "default"
                                                            }
                                                        ]
                                                    }
```

Testcase name	Status	User Input	Commands	Before	After	Module exception

test_case_03.1	Passed	Input: {
		  "copp_groups": [
		    {
		      "cbs": "60",
		      "cir": "60",
		      "copp_name": "copp-2",
		      "trap_action": "FORWARD"
		    },
		    {
		      "cbs": "70",
		      "cir": "70",
		      "copp_name": "copp-3",
		      "queue": 3,
		      "trap_action": "DROP",
		      "trap_priority": 3
		    },
		    {
		      "cbs": "75",
		      "cir": "75",
		      "copp_name": "copp-4",
		      "queue": 5,
		      "trap_action": "DROP",
		      "trap_priority": 5
		    }
		  ]
		}
			Commands: [
			  {
			    "copp_groups": [
			      {
			        "cbs": "90",
			        "cir": "90",
			        "copp_name": "copp-2",
			        "queue": 2,
			        "trap_priority": 2
			      }
			    ],
			    "state": "deleted"
			  },
			  {
			    "copp_groups": [
			      {
			        "cbs": "60",
			        "cir": "60",
			        "copp_name": "copp-2",
			        "trap_action": "FORWARD"
			      },
			      {
			        "cbs": "70",
			        "cir": "70",
			        "copp_name": "copp-3",
			        "queue": 3,
			        "trap_action": "DROP",
			        "trap_priority": 3
			      },
			      {
			        "cbs": "75",
			        "cir": "75",
			        "copp_name": "copp-4",
			        "queue": 5,
			        "trap_action": "DROP",
			        "trap_priority": 5
			      }
			    ],
			    "state": "replaced"
			  }
			]
				Before: {
				  "copp_groups": [
				    {
				      "cbs": "20",
				      "cir": "20",
				      "copp_name": "copp-1",
				      "queue": 8,
				      "trap_action": "FORWARD",
				      "trap_priority": 8
				    },
				    {
				      "cbs": "90",
				      "cir": "90",
				      "copp_name": "copp-2",
				      "queue": 2,
				      "trap_priority": 2
				    },
				    {
				      "cbs": "3000",
				      "cir": "3000",
				      "copp_name": "copp-system-arp",
				      "queue": 10,
				      "trap_action": "COPY",
				      "trap_priority": 10
				    },
				    {
				      "cbs": "2000",
				      "cir": "2000",
				      "copp_name": "copp-system-bfd",
				      "queue": 20,
				      "trap_action": "TRAP",
				      "trap_priority": 20
				    },
				    {
				      "cbs": "10000",
				      "cir": "10000",
				      "copp_name": "copp-system-bgp",
				      "queue": 14,
				      "trap_action": "TRAP",
				      "trap_priority": 14
				    },
				    {
				      "cbs": "300",
				      "cir": "300",
				      "copp_name": "copp-system-dhcp",
				      "queue": 9,
				      "trap_action": "TRAP",
				      "trap_priority": 9
				    },
				    {
				      "cbs": "5000",
				      "cir": "5000",
				      "copp_name": "copp-system-iccp",
				      "queue": 16,
				      "trap_action": "TRAP",
				      "trap_priority": 16
				    },
				    {
				      "cbs": "1000",
				      "cir": "1000",
				      "copp_name": "copp-system-icmp",
				      "queue": 8,
				      "trap_action": "TRAP",
				      "trap_priority": 8
				    },
				    {
				      "cbs": "2000",
				      "cir": "2000",
				      "copp_name": "copp-system-igmp",
				      "queue": 12,
				      "trap_action": "TRAP",
				      "trap_priority": 12
				    },
				    {
				      "cbs": "6000",
				      "cir": "6000",
				      "copp_name": "copp-system-ip2me",
				      "queue": 7,
				      "trap_action": "TRAP",
				      "trap_priority": 7
				    },
				    {
				      "cbs": "500",
				      "cir": "500",
				      "copp_name": "copp-system-lacp",
				      "queue": 23,
				      "trap_action": "TRAP",
				      "trap_priority": 23
				    },
				    {
				      "cbs": "500",
				      "cir": "500",
				      "copp_name": "copp-system-lldp",
				      "queue": 18,
				      "trap_action": "TRAP",
				      "trap_priority": 18
				    },
				    {
				      "cbs": "500",
				      "cir": "500",
				      "copp_name": "copp-system-mtu",
				      "queue": 4,
				      "trap_action": "TRAP",
				      "trap_priority": 4
				    },
				    {
				      "cbs": "5000",
				      "cir": "5000",
				      "copp_name": "copp-system-ospf",
				      "queue": 15,
				      "trap_action": "COPY",
				      "trap_priority": 15
				    },
				    {
				      "cbs": "5000",
				      "cir": "5000",
				      "copp_name": "copp-system-pim",
				      "queue": 13,
				      "trap_action": "TRAP",
				      "trap_priority": 13
				    },
				    {
				      "cbs": "8000",
				      "cir": "8000",
				      "copp_name": "copp-system-sflow",
				      "queue": 3,
				      "trap_action": "TRAP",
				      "trap_priority": 3
				    },
				    {
				      "cbs": "16000",
				      "cir": "16000",
				      "copp_name": "copp-system-stp",
				      "queue": 21,
				      "trap_action": "TRAP",
				      "trap_priority": 21
				    },
				    {
				      "cbs": "2000",
				      "cir": "2000",
				      "copp_name": "copp-system-subnet",
				      "queue": 6,
				      "trap_action": "TRAP",
				      "trap_priority": 6
				    },
				    {
				      "cbs": "3000",
				      "cir": "3000",
				      "copp_name": "copp-system-suppress",
				      "queue": 11,
				      "trap_action": "TRAP",
				      "trap_priority": 11
				    },
				    {
				      "cbs": "100",
				      "cir": "100",
				      "copp_name": "copp-system-ttl",
				      "trap_action": "TRAP"
				    },
				    {
				      "cbs": "500",
				      "cir": "500",
				      "copp_name": "copp-system-udld",
					After: {
					  "copp_groups": [
					    {
					      "cbs": "20",
					      "cir": "20",
					      "copp_name": "copp-1",
					      "queue": 8,
					      "trap_action": "FORWARD",
					      "trap_priority": 8
					    },
					    {
					      "cbs": "60",
					      "cir": "60",
					      "copp_name": "copp-2",
					      "trap_action": "FORWARD"
					    },
					    {
					      "cbs": "70",
					      "cir": "70",
					      "copp_name": "copp-3",
					      "queue": 3,
					      "trap_action": "DROP",
					      "trap_priority": 3
					    },
					    {
					      "cbs": "75",
					      "cir": "75",
					      "copp_name": "copp-4",
					      "queue": 5,
					      "trap_action": "DROP",
					      "trap_priority": 5
					    },
					    {
					      "cbs": "3000",
					      "cir": "3000",
					      "copp_name": "copp-system-arp",
					      "queue": 10,
					      "trap_action": "COPY",
					      "trap_priority": 10
					    },
					    {
					      "cbs": "2000",
					      "cir": "2000",
					      "copp_name": "copp-system-bfd",
					      "queue": 20,
					      "trap_action": "TRAP",
					      "trap_priority": 20
					    },
					    {
					      "cbs": "10000",
					      "cir": "10000",
					      "copp_name": "copp-system-bgp",
					      "queue": 14,
					      "trap_action": "TRAP",
					      "trap_priority": 14
					    },
					    {
					      "cbs": "300",
					      "cir": "300",
					      "copp_name": "copp-system-dhcp",
					      "queue": 9,
					      "trap_action": "TRAP",
					      "trap_priority": 9
					    },
					    {
					      "cbs": "5000",
					      "cir": "5000",
					      "copp_name": "copp-system-iccp",
					      "queue": 16,
					      "trap_action": "TRAP",
					      "trap_priority": 16
					    },
					    {
					      "cbs": "1000",
					      "cir": "1000",
					      "copp_name": "copp-system-icmp",
					      "queue": 8,
					      "trap_action": "TRAP",
					      "trap_priority": 8
					    },
					    {
					      "cbs": "2000",
					      "cir": "2000",
					      "copp_name": "copp-system-igmp",
					      "queue": 12,
					      "trap_action": "TRAP",
					      "trap_priority": 12
					    },
					    {
					      "cbs": "6000",
					      "cir": "6000",
					      "copp_name": "copp-system-ip2me",
					      "queue": 7,
					      "trap_action": "TRAP",
					      "trap_priority": 7
					    },
					    {
					      "cbs": "500",
					      "cir": "500",
					      "copp_name": "copp-system-lacp",
					      "queue": 23,
					      "trap_action": "TRAP",
					      "trap_priority": 23
					    },
					    {
					      "cbs": "500",
					      "cir": "500",
					      "copp_name": "copp-system-lldp",
					      "queue": 18,
					      "trap_action": "TRAP",
					      "trap_priority": 18
					    },
					    {
					      "cbs": "500",
					      "cir": "500",
					      "copp_name": "copp-system-mtu",
					      "queue": 4,
					      "trap_action": "TRAP",
					      "trap_priority": 4
					    },
					    {
					      "cbs": "5000",
					      "cir": "5000",
					      "copp_name": "copp-system-ospf",
					      "queue": 15,
					      "trap_action": "COPY",
					      "trap_priority": 15
					    },
					    {
					      "cbs": "5000",
					      "cir": "5000",
					      "copp_name": "copp-system-pim",
					      "queue": 13,
					      "trap_action": "TRAP",
					      "trap_priority": 13
					    },
					    {
					      "cbs": "8000",
					      "cir": "8000",
					      "copp_name": "copp-system-sflow",
					      "queue": 3,
					      "trap_action": "TRAP",
					      "trap_priority": 3
					    },
					    {
					      "cbs": "16000",
					      "cir": "16000",
					      "copp_name": "copp-system-stp",
					      "queue": 21,
					      "trap_action": "TRAP",
					      "trap_priority": 21
					    },
					    {
					      "cbs": "2000",
					      "cir": "2000",
					      "copp_name": "copp-system-subnet",
					      "queue": 6,
					      "trap_action": "TRAP",
					      "trap_priority": 6
					    },
					    {
					      "cbs": "3000",
					      "cir": "3000",
						Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
				```"queue": 22,"trap_action": "TRAP","trap_priority": 22},{"cbs": "500","cir": "500","copp_name": "copp-system-vrrp","queue": 17,"trap_action": "TRAP","trap_priority": 17},{"cbs": "100","cir": "100","copp_name": "default"}]}```	```"copp_name": "copp-system-suppress","queue": 11,"trap_action": "TRAP","trap_priority": 11},{"cbs": "100","cir": "100","copp_name": "copp-system-ttl","trap_action": "TRAP"},{"cbs": "500","cir": "500","copp_name": "copp-system-udld","queue": 22,"trap_action": "TRAP","trap_priority": 22},{"cbs": "500","cir": "500","copp_name": "copp-system-vrrp","queue": 17,"trap_action": "TRAP","trap_priority": 17},{"cbs": "100","cir": "100","copp_name": "default"}]}```	
test_case_03.2	Passed	```Input: {"copp_groups": [{"cbs": "60","cir": "60","copp_name": "copp-2","trap_action": "FORWARD"},{"cbs": "70","cir": "70","copp_name": "copp-3","queue": 3,"trap_action": "DROP","trap_priority": 3},{"cbs": "75","cir": "75","copp_name": "copp-4","queue": 5,"trap_action": "DROP","trap_priority": 5}]}```	Commands: []	```Before: {"copp_groups": [{"cbs": "20","cir": "20","copp_name": "copp-1","queue": 8,"trap_action": "FORWARD","trap_priority": 8},{"cbs": "60","cir": "60","copp_name": "copp-2","trap_action": "FORWARD"},{"cbs": "70","cir": "70","copp_name": "copp-3","queue": 3,"trap_action": "DROP","trap_priority": 3},{"cbs": "75","cir": "75","copp_name": "copp-4","queue": 5,"trap_action": "DROP","trap_priority": 5},{"cbs": "3000","cir": "3000","copp_name": "copp-system-arp","queue": 10,"trap_action": "COPY","trap_priority": 10},{"cbs": "2000","cir": "2000","copp_name": "copp-system-bfd","queue": 20,"trap_action": "TRAP","trap_priority": 20},{"cbs": "10000","cir": "10000","copp_name": "copp-system-bgp","queue": 14,"trap_action": "TRAP","trap_priority": 14},{"cbs": "300","cir": "300","copp_name": "copp-system-dhcp","queue": 9,"trap_action": "TRAP","trap_priority": 9},{"cbs": "5000","cir": "5000","copp_name": "copp-system-iccp","queue": 16,"trap_action": "TRAP","trap_priority": 16},{"cbs": "1000","cir": "1000","copp_name": "copp-system-icmp","queue": 8,"trap_action": "TRAP","trap_priority": 8},{"cbs": "2000","cir": "2000","copp_name": "copp-system-igmp","queue": 12,"trap_action": "TRAP","trap_priority": 12},{"cbs": "6000","cir": "6000","copp_name": "copp-system-ip2me","queue": 7,"trap_action": "TRAP","trap_priority": 7},{"cbs": "500","cir": "500","copp_name": "copp-system-lacp","queue": 23,"trap_action": "TRAP","trap_priority": 23},{"cbs": "500","cir": "500","copp_name": "copp-system-lldp","queue": 18,"trap_action": "TRAP","trap_priority": 18},{"cbs": "500","cir": "500","copp_name": "copp-system-mtu","queue": 4,"trap_action": "TRAP","trap_priority": 4},{"cbs": "5000","cir": "5000","copp_name": "copp-system-ospf","queue": 15,"trap_action": "COPY","trap_priority": 15```	After: "Not defined"	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
				```json }, { "cbs": "5000", "cir": "5000", "copp_name": "copp-system-pim", "queue": 13, "trap_action": "TRAP", "trap_priority": 13 }, { "cbs": "8000", "cir": "8000", "copp_name": "copp-system-sflow", "queue": 3, "trap_action": "TRAP", "trap_priority": 3 }, { "cbs": "16000", "cir": "16000", "copp_name": "copp-system-stp", "queue": 21, "trap_action": "TRAP", "trap_priority": 21 }, { "cbs": "2000", "cir": "2000", "copp_name": "copp-system-subnet", "queue": 6, "trap_action": "TRAP", "trap_priority": 6 }, { "cbs": "3000", "cir": "3000", "copp_name": "copp-system-suppress", "queue": 11, "trap_action": "TRAP", "trap_priority": 11 }, { "cbs": "100", "cir": "100", "copp_name": "copp-system-ttl", "trap_action": "TRAP" }, { "cbs": "500", "cir": "500", "copp_name": "copp-system-udld", "queue": 22, "trap_action": "TRAP", "trap_priority": 22 }, { "cbs": "500", "cir": "500", "copp_name": "copp-system-vrrp", "queue": 17, "trap_action": "TRAP", "trap_priority": 17 }, { "cbs": "100", "cir": "100", "copp_name": "default" }] } ```		
test_case_04.1	Passed	```json Input: { "copp_groups": [{ "cbs": "20", "cir": "20", "copp_name": "copp-1", "queue": 8, "trap_priority": 8 }, { "copp_name": "copp-2" }] } ```	```json Commands: [{ "copp_groups": [{ "cbs": "20", "cir": "20", "copp_name": "copp-1", "queue": 8, "trap_priority": 8 }, { "copp_name": "copp-2" }], "state": "deleted" }] ```	```json Before: { "copp_groups": [{ "cbs": "20", "cir": "20", "copp_name": "copp-1", "queue": 8, "trap_action": "FORWARD", "trap_priority": 8 }, { "cbs": "60", "cir": "60", "copp_name": "copp-2", "trap_action": "FORWARD" }, { "cbs": "70", "cir": "70", "copp_name": "copp-3", "queue": 3, "trap_action": "DROP", "trap_priority": 3 }, { "cbs": "75", "cir": "75", "copp_name": "copp-4", "queue": 5, "trap_action": "DROP", "trap_priority": 5 }, { "cbs": "3000", "cir": "3000", "copp_name": "copp-system-arp", "queue": 10, "trap_action": "COPY", "trap_priority": 10 }, { "cbs": "2000", "cir": "2000", "copp_name": "copp-system-bfd", "queue": 20, "trap_action": "TRAP", "trap_priority": 20 }, { "cbs": "10000", "cir": "10000", "copp_name": "copp-system-bgp", "queue": 14, "trap_action": "TRAP", "trap_priority": 14 }, { "cbs": "300", "cir": "300", "copp_name": "copp-system-dhcp", "queue": 9, "trap_action": "TRAP", "trap_priority": 9 }, { "cbs": "5000", "cir": "5000", "copp_name": "copp-system-iccp", "queue": 16, "trap_action": "TRAP", "trap_priority": 16 }, { "cbs": "1000", "cir": "1000", "copp_name": "copp-system-icmp", "queue": 8, "trap_action": "TRAP", "trap_priority": 8 }, { "cbs": "2000", "cir": "2000", "copp_name": "copp-system-igmp", "queue": 12, "trap_action": "TRAP", "trap_priority": 12 }, { "cbs": "6000", "cir": "6000", ```	```json After: { "copp_groups": [{ "copp_name": "copp-1", "trap_action": "FORWARD" }, { "cbs": "70", "cir": "70", "copp_name": "copp-3", "queue": 3, "trap_action": "DROP", "trap_priority": 3 }, { "cbs": "75", "cir": "75", "copp_name": "copp-4", "queue": 5, "trap_action": "DROP", "trap_priority": 5 }, { "cbs": "3000", "cir": "3000", "copp_name": "copp-system-arp", "queue": 10, "trap_action": "COPY", "trap_priority": 10 }, { "cbs": "2000", "cir": "2000", "copp_name": "copp-system-bfd", "queue": 20, "trap_action": "TRAP", "trap_priority": 20 }, { "cbs": "10000", "cir": "10000", "copp_name": "copp-system-bgp", "queue": 14, "trap_action": "TRAP", "trap_priority": 14 }, { "cbs": "300", "cir": "300", "copp_name": "copp-system-dhcp", "queue": 9, "trap_action": "TRAP", "trap_priority": 9 }, { "cbs": "5000", "cir": "5000", "copp_name": "copp-system-iccp", "queue": 16, "trap_action": "TRAP", "trap_priority": 16 }, { "cbs": "1000", "cir": "1000", "copp_name": "copp-system-icmp", "queue": 8, "trap_action": "TRAP", "trap_priority": 8 }, { "cbs": "2000", "cir": "2000", "copp_name": "copp-system-igmp", "queue": 12, "trap_action": "TRAP", "trap_priority": 12 }, { "cbs": "6000", "cir": "6000", "copp_name": "copp-system-ip2me", "queue": 7, "trap_action": "TRAP", "trap_priority": 7 }, { "cbs": "500", "cir": "500", "copp_name": "copp-system-lacp", "queue": 23, ```	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception

				``json
				    "copp_name": "copp-system-ip2me",
				    "queue": 7,
				    "trap_action": "TRAP",
				    "trap_priority": 7
				},
				{
				    "cbs": "500",
				    "cir": "500",
				    "copp_name": "copp-system-lacp",
				    "queue": 23,
				    "trap_action": "TRAP",
				    "trap_priority": 23
				},
				{
				    "cbs": "500",
				    "cir": "500",
				    "copp_name": "copp-system-lldp",
				    "queue": 18,
				    "trap_action": "TRAP",
				    "trap_priority": 18
				},
				{
				    "cbs": "500",
				    "cir": "500",
				    "copp_name": "copp-system-mtu",
				    "queue": 4,
				    "trap_action": "TRAP",
				    "trap_priority": 4
				},
				{
				    "cbs": "5000",
				    "cir": "5000",
				    "copp_name": "copp-system-ospf",
				    "queue": 15,
				    "trap_action": "COPY",
				    "trap_priority": 15
				},
				{
				    "cbs": "5000",
				    "cir": "5000",
				    "copp_name": "copp-system-pim",
				    "queue": 13,
				    "trap_action": "TRAP",
				    "trap_priority": 13
				},
				{
				    "cbs": "8000",
				    "cir": "8000",
				    "copp_name": "copp-system-sflow",
				    "queue": 3,
				    "trap_action": "TRAP",
				    "trap_priority": 3
				},
				{
				    "cbs": "16000",
				    "cir": "16000",
				    "copp_name": "copp-system-stp",
				    "queue": 21,
				    "trap_action": "TRAP",
				    "trap_priority": 21
				},
				{
				    "cbs": "2000",
				    "cir": "2000",
				    "copp_name": "copp-system-subnet",
				    "queue": 6,
				    "trap_action": "TRAP",
				    "trap_priority": 6
				},
				{
				    "cbs": "3000",
				    "cir": "3000",
				    "copp_name": "copp-system-suppress",
				    "queue": 11,
				    "trap_action": "TRAP",
				    "trap_priority": 11
				},
				{
				    "cbs": "100",
				    "cir": "100",
				    "copp_name": "copp-system-ttl",
				    "trap_action": "TRAP"
				},
				{
				    "cbs": "500",
				    "cir": "500",
				    "copp_name": "copp-system-udld",
				    "queue": 22,
				    "trap_action": "TRAP",
				    "trap_priority": 22
				},
				{
				    "cbs": "500",
				    "cir": "500",
				    "copp_name": "copp-system-vrrp",
				    "queue": 17,
				    "trap_action": "TRAP",
				    "trap_priority": 17
				},
				{
				    "cbs": "100",
				    "cir": "100",
				    "copp_name": "default"
				}
				]
				}
				``
					``json
					    "trap_action": "TRAP",
					    "trap_priority": 23
					},
					{
					    "cbs": "500",
					    "cir": "500",
					    "copp_name": "copp-system-lldp",
					    "queue": 18,
					    "trap_action": "TRAP",
					    "trap_priority": 18
					},
					{
					    "cbs": "500",
					    "cir": "500",
					    "copp_name": "copp-system-mtu",
					    "queue": 4,
					    "trap_action": "TRAP",
					    "trap_priority": 4
					},
					{
					    "cbs": "5000",
					    "cir": "5000",
					    "copp_name": "copp-system-ospf",
					    "queue": 15,
					    "trap_action": "COPY",
					    "trap_priority": 15
					},
					{
					    "cbs": "5000",
					    "cir": "5000",
					    "copp_name": "copp-system-pim",
					    "queue": 13,
					    "trap_action": "TRAP",
					    "trap_priority": 13
					},
					{
					    "cbs": "8000",
					    "cir": "8000",
					    "copp_name": "copp-system-sflow",
					    "queue": 3,
					    "trap_action": "TRAP",
					    "trap_priority": 3
					},
					{
					    "cbs": "16000",
					    "cir": "16000",
					    "copp_name": "copp-system-stp",
					    "queue": 21,
					    "trap_action": "TRAP",
					    "trap_priority": 21
					},
					{
					    "cbs": "2000",
					    "cir": "2000",
					    "copp_name": "copp-system-subnet",
					    "queue": 6,
					    "trap_action": "TRAP",
					    "trap_priority": 6
					},
					{
					    "cbs": "3000",
					    "cir": "3000",
					    "copp_name": "copp-system-suppress",
					    "queue": 11,
					    "trap_action": "TRAP",
					    "trap_priority": 11
					},
					{
					    "cbs": "100",
					    "cir": "100",
					    "copp_name": "copp-system-ttl",
					    "trap_action": "TRAP"
					},
					{
					    "cbs": "500",
					    "cir": "500",
					    "copp_name": "copp-system-udld",
					    "queue": 22,
					    "trap_action": "TRAP",
					    "trap_priority": 22
					},
					{
					    "cbs": "500",
					    "cir": "500",
					    "copp_name": "copp-system-vrrp",
					    "queue": 17,
					    "trap_action": "TRAP",
					    "trap_priority": 17
					},
					{
					    "cbs": "100",
					    "cir": "100",
					    "copp_name": "default"
					}
					]
					}
					``	

test_case_04.2	Passed	```json
		Input: {
		  "copp_groups": [
		    {
		      "cbs": "20",
		      "cir": "20",
		      "copp_name": "copp-1",
		      "queue": 8,
		      "trap_priority": 8
		    },
		    {
		      "copp_name": "copp-2"
		    }
		  ]
		}
		``
			Commands: []	```json
				Before: {
				  "copp_groups": [
				    {
				      "copp_name": "copp-1",
				      "trap_action": "FORWARD"
				    },
				    {
				      "cbs": "70",
				      "cir": "70",
				      "copp_name": "copp-3",
				      "queue": 3,
				      "trap_action": "DROP",
				      "trap_priority": 3
				    },
				    {
				      "cbs": "75",
				      "cir": "75",
				      "copp_name": "copp-4",
				      "queue": 5,
				      "trap_action": "DROP",
				      "trap_priority": 5
				    },
				    {
				      "cbs": "3000",
				      "cir": "3000",
				      "copp_name": "copp-system-arp",
				      "queue": 10,
				      "trap_action": "COPY",
				      "trap_priority": 10
				    },
				    {
				      "cbs": "2000",
				      "cir": "2000",
				      "copp_name": "copp-system-bfd",
				      "queue": 20,
				      "trap_action": "TRAP",
				      "trap_priority": 20
				    },
				    {
				      "cbs": "10000",
				      "cir": "10000",
				      "copp_name": "copp-system-bgp",
				      "queue": 14,
				      "trap_action": "TRAP",
				      "trap_priority": 14
				    },
				    {
				      "cbs": "300",
				      "cir": "300",
				      "copp_name": "copp-system-dhcp",
				      "queue": 9,
				      "trap_action": "TRAP",
				      "trap_priority": 9
				    },
				    {
				``
					After: "Not defined"	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception

Before (continued):
```
            "cbs": "5000",
            "cir": "5000",
            "copp_name": "copp-system-iccp",
            "queue": 16,
            "trap_action": "TRAP",
            "trap_priority": 16
        },
        {
            "cbs": "1000",
            "cir": "1000",
            "copp_name": "copp-system-icmp",
            "queue": 8,
            "trap_action": "TRAP",
            "trap_priority": 8
        },
        {
            "cbs": "2000",
            "cir": "2000",
            "copp_name": "copp-system-igmp",
            "queue": 12,
            "trap_action": "TRAP",
            "trap_priority": 12
        },
        {
            "cbs": "6000",
            "cir": "6000",
            "copp_name": "copp-system-ip2me",
            "queue": 7,
            "trap_action": "TRAP",
            "trap_priority": 7
        },
        {
            "cbs": "500",
            "cir": "500",
            "copp_name": "copp-system-lacp",
            "queue": 23,
            "trap_action": "TRAP",
            "trap_priority": 23
        },
        {
            "cbs": "500",
            "cir": "500",
            "copp_name": "copp-system-lldp",
            "queue": 18,
            "trap_action": "TRAP",
            "trap_priority": 18
        },
        {
            "cbs": "500",
            "cir": "500",
            "copp_name": "copp-system-mtu",
            "queue": 4,
            "trap_action": "TRAP",
            "trap_priority": 4
        },
        {
            "cbs": "5000",
            "cir": "5000",
            "copp_name": "copp-system-ospf",
            "queue": 15,
            "trap_action": "COPY",
            "trap_priority": 15
        },
        {
            "cbs": "5000",
            "cir": "5000",
            "copp_name": "copp-system-pim",
            "queue": 13,
            "trap_action": "TRAP",
            "trap_priority": 13
        },
        {
            "cbs": "8000",
            "cir": "8000",
            "copp_name": "copp-system-sflow",
            "queue": 3,
            "trap_action": "TRAP",
            "trap_priority": 3
        },
        {
            "cbs": "16000",
            "cir": "16000",
            "copp_name": "copp-system-stp",
            "queue": 21,
            "trap_action": "TRAP",
            "trap_priority": 21
        },
        {
            "cbs": "2000",
            "cir": "2000",
            "copp_name": "copp-system-subnet",
            "queue": 6,
            "trap_action": "TRAP",
            "trap_priority": 6
        },
        {
            "cbs": "3000",
            "cir": "3000",
            "copp_name": "copp-system-suppress",
            "queue": 11,
            "trap_action": "TRAP",
            "trap_priority": 11
        },
        {
            "cbs": "100",
            "cir": "100",
            "copp_name": "copp-system-ttl",
            "trap_action": "TRAP"
        },
        {
            "cbs": "500",
            "cir": "500",
            "copp_name": "copp-system-udld",
            "queue": 22,
            "trap_action": "TRAP",
            "trap_priority": 22
        },
        {
            "cbs": "500",
            "cir": "500",
            "copp_name": "copp-system-vrrp",
            "queue": 17,
            "trap_action": "TRAP",
            "trap_priority": 17
        },
        {
            "cbs": "100",
            "cir": "100",
            "copp_name": "default"
        }
    ]
}
```

Testcase name	Status	User Input	Commands	Before	After	Module exception
test_case_05.1	Passed	(see below)	(see below)	(see below)	(see below)	Error: "No Error"

User Input:
```
Input: {
    "copp_groups": [
        {
            "cbs": "15",
            "cir": "15",
            "copp_name": "copp-5",
            "queue": 1,
            "trap_action": "FORWARD",
            "trap_priority": 1
        }
    ]
}
```

Commands:
```
Commands: [
    {
        "copp_groups": [
            {
                "copp_name": "copp-1",
                "trap_action": "FORWARD"
            },
            {
                "cbs": "70",
                "cir": "70",
                "copp_name": "copp-3",
                "queue": 3,
                "trap_action": "DROP",
                "trap_priority": 3
            },
            {
                "cbs": "75",
                "cir": "75",
                "copp_name": "copp-4",
                "queue": 5,
                "trap_action": "DROP",
                "trap_priority": 5
            }
        ],
        "state": "deleted"
    },
    {
        "copp_groups": [
            {
```

Before:
```
Before: {
    "copp_groups": [
        {
            "copp_name": "copp-1",
            "trap_action": "FORWARD"
        },
        {
            "cbs": "70",
            "cir": "70",
            "copp_name": "copp-3",
            "queue": 3,
            "trap_action": "DROP",
            "trap_priority": 3
        },
        {
            "cbs": "75",
            "cir": "75",
            "copp_name": "copp-4",
            "queue": 5,
            "trap_action": "DROP",
            "trap_priority": 5
        },
        {
            "cbs": "3000",
            "cir": "3000",
            "copp_name": "copp-system-arp",
            "queue": 10,
            "trap_action": "COPY",
            "trap_priority": 10
```

After:
```
After: {
    "copp_groups": [
        {
            "cbs": "15",
            "cir": "15",
            "copp_name": "copp-5",
            "queue": 1,
            "trap_action": "FORWARD",
            "trap_priority": 1
        },
        {
            "cbs": "3000",
            "cir": "3000",
            "copp_name": "copp-system-arp",
            "queue": 10,
            "trap_action": "COPY",
            "trap_priority": 10
        },
        {
            "cbs": "2000",
            "cir": "2000",
            "copp_name": "copp-system-bfd",
            "queue": 20,
            "trap_action": "TRAP",
            "trap_priority": 20
        },
        {
            "cbs": "10000",
            "cir": "10000",
```

Testcase name	Status	User Input	Commands	Before	After	Module exception

Commands:
```
      "cbs": "15",
      "cir": "15",
      "copp_name": "copp-5",
      "queue": 1,
      "trap_action": "FORWARD",
      "trap_priority": 1
      }
    ],
    "state": "overridden"
  }
]
```

Before:
```
    },
    {
      "cbs": "2000",
      "cir": "2000",
      "copp_name": "copp-system-bfd",
      "queue": 20,
      "trap_action": "TRAP",
      "trap_priority": 20
    },
    {
      "cbs": "10000",
      "cir": "10000",
      "copp_name": "copp-system-bgp",
      "queue": 14,
      "trap_action": "TRAP",
      "trap_priority": 14
    },
    {
      "cbs": "300",
      "cir": "300",
      "copp_name": "copp-system-dhcp",
      "queue": 9,
      "trap_action": "TRAP",
      "trap_priority": 9
    },
    {
      "cbs": "5000",
      "cir": "5000",
      "copp_name": "copp-system-iccp",
      "queue": 16,
      "trap_action": "TRAP",
      "trap_priority": 16
    },
    {
      "cbs": "1000",
      "cir": "1000",
      "copp_name": "copp-system-icmp",
      "queue": 8,
      "trap_action": "TRAP",
      "trap_priority": 8
    },
    {
      "cbs": "2000",
      "cir": "2000",
      "copp_name": "copp-system-igmp",
      "queue": 12,
      "trap_action": "TRAP",
      "trap_priority": 12
    },
    {
      "cbs": "6000",
      "cir": "6000",
      "copp_name": "copp-system-ip2me",
      "queue": 7,
      "trap_action": "TRAP",
      "trap_priority": 7
    },
    {
      "cbs": "500",
      "cir": "500",
      "copp_name": "copp-system-lacp",
      "queue": 23,
      "trap_action": "TRAP",
      "trap_priority": 23
    },
    {
      "cbs": "500",
      "cir": "500",
      "copp_name": "copp-system-lldp",
      "queue": 18,
      "trap_action": "TRAP",
      "trap_priority": 18
    },
    {
      "cbs": "500",
      "cir": "500",
      "copp_name": "copp-system-mtu",
      "queue": 4,
      "trap_action": "TRAP",
      "trap_priority": 4
    },
    {
      "cbs": "5000",
      "cir": "5000",
      "copp_name": "copp-system-ospf",
      "queue": 15,
      "trap_action": "COPY",
      "trap_priority": 15
    },
    {
      "cbs": "5000",
      "cir": "5000",
      "copp_name": "copp-system-pim",
      "queue": 13,
      "trap_action": "TRAP",
      "trap_priority": 13
    },
    {
      "cbs": "8000",
      "cir": "8000",
      "copp_name": "copp-system-sflow",
      "queue": 3,
      "trap_action": "TRAP",
      "trap_priority": 3
    },
    {
      "cbs": "16000",
      "cir": "16000",
      "copp_name": "copp-system-stp",
      "queue": 21,
      "trap_action": "TRAP",
      "trap_priority": 21
    },
    {
      "cbs": "2000",
      "cir": "2000",
      "copp_name": "copp-system-subnet",
      "queue": 6,
      "trap_action": "TRAP",
      "trap_priority": 6
    },
    {
      "cbs": "3000",
      "cir": "3000",
      "copp_name": "copp-system-suppress",
      "queue": 11,
      "trap_action": "TRAP",
      "trap_priority": 11
    },
    {
      "cbs": "100",
      "cir": "100",
      "copp_name": "copp-system-ttl",
      "trap_action": "TRAP"
    },
    {
      "cbs": "500",
      "cir": "500",
      "copp_name": "copp-system-udld",
      "queue": 22,
      "trap_action": "TRAP",
      "trap_priority": 22
    },
    {
      "cbs": "500",
      "cir": "500",
      "copp_name": "copp-system-vrrp",
      "queue": 17,
      "trap_action": "TRAP",
      "trap_priority": 17
    },
    {
      "cbs": "100",
      "cir": "100",
      "copp_name": "default"
    }
  ]
}
```

After:
```
      "copp_name": "copp-system-bgp",
      "queue": 14,
      "trap_action": "TRAP",
      "trap_priority": 14
    },
    {
      "cbs": "300",
      "cir": "300",
      "copp_name": "copp-system-dhcp",
      "queue": 9,
      "trap_action": "TRAP",
      "trap_priority": 9
    },
    {
      "cbs": "5000",
      "cir": "5000",
      "copp_name": "copp-system-iccp",
      "queue": 16,
      "trap_action": "TRAP",
      "trap_priority": 16
    },
    {
      "cbs": "1000",
      "cir": "1000",
      "copp_name": "copp-system-icmp",
      "queue": 8,
      "trap_action": "TRAP",
      "trap_priority": 8
    },
    {
      "cbs": "2000",
      "cir": "2000",
      "copp_name": "copp-system-igmp",
      "queue": 12,
      "trap_action": "TRAP",
      "trap_priority": 12
    },
    {
      "cbs": "6000",
      "cir": "6000",
      "copp_name": "copp-system-ip2me",
      "queue": 7,
      "trap_action": "TRAP",
      "trap_priority": 7
    },
    {
      "cbs": "500",
      "cir": "500",
      "copp_name": "copp-system-lacp",
      "queue": 23,
      "trap_action": "TRAP",
      "trap_priority": 23
    },
    {
      "cbs": "500",
      "cir": "500",
      "copp_name": "copp-system-lldp",
      "queue": 18,
      "trap_action": "TRAP",
      "trap_priority": 18
    },
    {
      "cbs": "500",
      "cir": "500",
      "copp_name": "copp-system-mtu",
      "queue": 4,
      "trap_action": "TRAP",
      "trap_priority": 4
    },
    {
      "cbs": "5000",
      "cir": "5000",
      "copp_name": "copp-system-ospf",
      "queue": 15,
      "trap_action": "COPY",
      "trap_priority": 15
    },
    {
      "cbs": "5000",
      "cir": "5000",
      "copp_name": "copp-system-pim",
      "queue": 13,
      "trap_action": "TRAP",
      "trap_priority": 13
    },
    {
      "cbs": "8000",
      "cir": "8000",
      "copp_name": "copp-system-sflow",
      "queue": 3,
      "trap_action": "TRAP",
      "trap_priority": 3
    },
    {
      "cbs": "16000",
      "cir": "16000",
      "copp_name": "copp-system-stp",
      "queue": 21,
      "trap_action": "TRAP",
      "trap_priority": 21
    },
    {
      "cbs": "2000",
      "cir": "2000",
      "copp_name": "copp-system-subnet",
      "queue": 6,
      "trap_action": "TRAP",
      "trap_priority": 6
    },
    {
      "cbs": "3000",
      "cir": "3000",
      "copp_name": "copp-system-suppress",
      "queue": 11,
      "trap_action": "TRAP",
      "trap_priority": 11
    },
    {
      "cbs": "100",
      "cir": "100",
      "copp_name": "copp-system-ttl",
      "trap_action": "TRAP"
    },
    {
      "cbs": "500",
      "cir": "500",
      "copp_name": "copp-system-udld",
      "queue": 22,
      "trap_action": "TRAP",
      "trap_priority": 22
    },
    {
      "cbs": "500",
      "cir": "500",
      "copp_name": "copp-system-vrrp",
      "queue": 17,
      "trap_action": "TRAP",
      "trap_priority": 17
    },
    {
      "cbs": "100",
      "cir": "100",
      "copp_name": "default"
    }
  ]
}
```

Testcase name	Status	User Input	Commands	Before	After	Module exception

test_case_05.2	Passed	Input: {
		  "copp_groups": [
		    {
			Commands: []	Before: {
				  "copp_groups": [
				    {
					After: "Not defined"	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception

		`"cbs": "15",`
		`"cir": "15",`
		`"copp_name": "copp-5",`
		`"queue": 1,`
		`"trap_action": "FORWARD",`
		`"trap_priority": 1`
		`      }`
		`    ]`
		`}`
				`"cbs": "15",`
				`"cir": "15",`
				`"copp_name": "copp-5",`
				`"queue": 1,`
				`"trap_action": "FORWARD",`
				`"trap_priority": 1`
				`},`
				`{`
				`"cbs": "3000",`
				`"cir": "3000",`
				`"copp_name": "copp-system-arp",`
				`"queue": 10,`
				`"trap_action": "COPY",`
				`"trap_priority": 10`
				`},`
				`{`
				`"cbs": "2000",`
				`"cir": "2000",`
				`"copp_name": "copp-system-bfd",`
				`"queue": 20,`
				`"trap_action": "TRAP",`
				`"trap_priority": 20`
				`},`
				`{`
				`"cbs": "10000",`
				`"cir": "10000",`
				`"copp_name": "copp-system-bgp",`
				`"queue": 14,`
				`"trap_action": "TRAP",`
				`"trap_priority": 14`
				`},`
				`{`
				`"cbs": "300",`
				`"cir": "300",`
				`"copp_name": "copp-system-dhcp",`
				`"queue": 9,`
				`"trap_action": "TRAP",`
				`"trap_priority": 9`
				`},`
				`{`
				`"cbs": "5000",`
				`"cir": "5000",`
				`"copp_name": "copp-system-iccp",`
				`"queue": 16,`
				`"trap_action": "TRAP",`
				`"trap_priority": 16`
				`},`
				`{`
				`"cbs": "1000",`
				`"cir": "1000",`
				`"copp_name": "copp-system-icmp",`
				`"queue": 8,`
				`"trap_action": "TRAP",`
				`"trap_priority": 8`
				`},`
				`{`
				`"cbs": "2000",`
				`"cir": "2000",`
				`"copp_name": "copp-system-igmp",`
				`"queue": 12,`
				`"trap_action": "TRAP",`
				`"trap_priority": 12`
				`},`
				`{`
				`"cbs": "6000",`
				`"cir": "6000",`
				`"copp_name": "copp-system-ip2me",`
				`"queue": 7,`
				`"trap_action": "TRAP",`
				`"trap_priority": 7`
				`},`
				`{`
				`"cbs": "500",`
				`"cir": "500",`
				`"copp_name": "copp-system-lacp",`
				`"queue": 23,`
				`"trap_action": "TRAP",`
				`"trap_priority": 23`
				`},`
				`{`
				`"cbs": "500",`
				`"cir": "500",`
				`"copp_name": "copp-system-lldp",`
				`"queue": 18,`
				`"trap_action": "TRAP",`
				`"trap_priority": 18`
				`},`
				`{`
				`"cbs": "500",`
				`"cir": "500",`
				`"copp_name": "copp-system-mtu",`
				`"queue": 4,`
				`"trap_action": "TRAP",`
				`"trap_priority": 4`
				`},`
				`{`
				`"cbs": "5000",`
				`"cir": "5000",`
				`"copp_name": "copp-system-ospf",`
				`"queue": 15,`
				`"trap_action": "COPY",`
				`"trap_priority": 15`
				`},`
				`{`
				`"cbs": "5000",`
				`"cir": "5000",`
				`"copp_name": "copp-system-pim",`
				`"queue": 13,`
				`"trap_action": "TRAP",`
				`"trap_priority": 13`
				`},`
				`{`
				`"cbs": "8000",`
				`"cir": "8000",`
				`"copp_name": "copp-system-sflow",`
				`"queue": 3,`
				`"trap_action": "TRAP",`
				`"trap_priority": 3`
				`},`
				`{`
				`"cbs": "16000",`
				`"cir": "16000",`
				`"copp_name": "copp-system-stp",`
				`"queue": 21,`
				`"trap_action": "TRAP",`
				`"trap_priority": 21`
				`},`
				`{`
				`"cbs": "2000",`
				`"cir": "2000",`
				`"copp_name": "copp-system-subnet",`
				`"queue": 6,`
				`"trap_action": "TRAP",`
				`"trap_priority": 6`
				`},`
				`{`
				`"cbs": "3000",`
				`"cir": "3000",`
				`"copp_name": "copp-system-suppress",`
				`"queue": 11,`
				`"trap_action": "TRAP",`
				`"trap_priority": 11`
				`},`
				`{`
				`"cbs": "100",`
				`"cir": "100",`
				`"copp_name": "copp-system-ttl",`
				`"trap_action": "TRAP"`
				`},`
				`{`
				`"cbs": "500",`
				`"cir": "500",`
				`"copp_name": "copp-system-udld",`
				`"queue": 22,`
				`"trap_action": "TRAP",`
				`"trap_priority": 22`
				`},`
				`{`
				`"cbs": "500",`
				`"cir": "500",`
				`"copp_name": "copp-system-vrrp",`
				`"queue": 17,`
				`"trap_action": "TRAP",`
				`"trap_priority": 17`		

Testcase name	Status	User Input	Commands	Before	After	Module exception
				```json }, { "cbs": "100", "cir": "100", "copp_name": "default" }] } ```		
test_case_06.1	Passed	Input: {}	```json Commands: [{ "copp_groups": [{ "cbs": "15", "cir": "15", "copp_name": "copp-5", "queue": 1, "trap_action": "FORWARD", "trap_priority": 1 }], "state": "deleted" }] ```	```json Before: { "copp_groups": [{ "cbs": "15", "cir": "15", "copp_name": "copp-5", "queue": 1, "trap_action": "FORWARD", "trap_priority": 1 }, { "cbs": "3000", "cir": "3000", "copp_name": "copp-system-arp", "queue": 10, "trap_action": "COPY", "trap_priority": 10 }, { "cbs": "2000", "cir": "2000", "copp_name": "copp-system-bfd", "queue": 20, "trap_action": "TRAP", "trap_priority": 20 }, { "cbs": "10000", "cir": "10000", "copp_name": "copp-system-bgp", "queue": 14, "trap_action": "TRAP", "trap_priority": 14 }, { "cbs": "300", "cir": "300", "copp_name": "copp-system-dhcp", "queue": 9, "trap_action": "TRAP", "trap_priority": 9 }, { "cbs": "5000", "cir": "5000", "copp_name": "copp-system-iccp", "queue": 16, "trap_action": "TRAP", "trap_priority": 16 }, { "cbs": "1000", "cir": "1000", "copp_name": "copp-system-icmp", "queue": 8, "trap_action": "TRAP", "trap_priority": 8 }, { "cbs": "2000", "cir": "2000", "copp_name": "copp-system-igmp", "queue": 12, "trap_action": "TRAP", "trap_priority": 12 }, { "cbs": "6000", "cir": "6000", "copp_name": "copp-system-ip2me", "queue": 7, "trap_action": "TRAP", "trap_priority": 7 }, { "cbs": "500", "cir": "500", "copp_name": "copp-system-lacp", "queue": 23, "trap_action": "TRAP", "trap_priority": 23 }, { "cbs": "500", "cir": "500", "copp_name": "copp-system-lldp", "queue": 18, "trap_action": "TRAP", "trap_priority": 18 }, { "cbs": "500", "cir": "500", "copp_name": "copp-system-mtu", "queue": 4, "trap_action": "TRAP", "trap_priority": 4 }, { "cbs": "5000", "cir": "5000", "copp_name": "copp-system-ospf", "queue": 15, "trap_action": "COPY", "trap_priority": 15 }, { "cbs": "5000", "cir": "5000", "copp_name": "copp-system-pim", "queue": 13, "trap_action": "TRAP", "trap_priority": 13 }, { "cbs": "8000", "cir": "8000", "copp_name": "copp-system-sflow", "queue": 3, "trap_action": "TRAP", "trap_priority": 3 }, { "cbs": "16000", "cir": "16000", "copp_name": "copp-system-stp", "queue": 21, "trap_action": "TRAP", "trap_priority": 21 }, { "cbs": "2000", "cir": "2000", "copp_name": "copp-system-subnet", "queue": 6, "trap_action": "TRAP", "trap_priority": 6 }, { "cbs": "3000", "cir": "3000", "copp_name": "copp-system-suppress", "queue": 11, "trap_action": "TRAP", "trap_priority": 11 }, { "cbs": "100", "cir": "100", "copp_name": "copp-system-ttl", "trap_action": "TRAP" }, { ```	```json After: { "copp_groups": [{ "cbs": "3000", "cir": "3000", "copp_name": "copp-system-arp", "queue": 10, "trap_action": "COPY", "trap_priority": 10 }, { "cbs": "2000", "cir": "2000", "copp_name": "copp-system-bfd", "queue": 20, "trap_action": "TRAP", "trap_priority": 20 }, { "cbs": "10000", "cir": "10000", "copp_name": "copp-system-bgp", "queue": 14, "trap_action": "TRAP", "trap_priority": 14 }, { "cbs": "300", "cir": "300", "copp_name": "copp-system-dhcp", "queue": 9, "trap_action": "TRAP", "trap_priority": 9 }, { "cbs": "5000", "cir": "5000", "copp_name": "copp-system-iccp", "queue": 16, "trap_action": "TRAP", "trap_priority": 16 }, { "cbs": "1000", "cir": "1000", "copp_name": "copp-system-icmp", "queue": 8, "trap_action": "TRAP", "trap_priority": 8 }, { "cbs": "2000", "cir": "2000", "copp_name": "copp-system-igmp", "queue": 12, "trap_action": "TRAP", "trap_priority": 12 }, { "cbs": "6000", "cir": "6000", "copp_name": "copp-system-ip2me", "queue": 7, "trap_action": "TRAP", "trap_priority": 7 }, { "cbs": "500", "cir": "500", "copp_name": "copp-system-lacp", "queue": 23, "trap_action": "TRAP", "trap_priority": 23 }, { "cbs": "500", "cir": "500", "copp_name": "copp-system-lldp", "queue": 18, "trap_action": "TRAP", "trap_priority": 18 }, { "cbs": "500", "cir": "500", "copp_name": "copp-system-mtu", "queue": 4, "trap_action": "TRAP", "trap_priority": 4 }, { "cbs": "5000", "cir": "5000", "copp_name": "copp-system-ospf", "queue": 15, "trap_action": "COPY", "trap_priority": 15 }, { "cbs": "5000", "cir": "5000", "copp_name": "copp-system-pim", "queue": 13, "trap_action": "TRAP", "trap_priority": 13 }, { "cbs": "8000", "cir": "8000", "copp_name": "copp-system-sflow", "queue": 3, "trap_action": "TRAP", "trap_priority": 3 }, { "cbs": "16000", "cir": "16000", "copp_name": "copp-system-stp", "queue": 21, "trap_action": "TRAP", "trap_priority": 21 }, { "cbs": "2000", "cir": "2000", "copp_name": "copp-system-subnet", "queue": 6, "trap_action": "TRAP", "trap_priority": 6 }, { "cbs": "3000", "cir": "3000", "copp_name": "copp-system-suppress", "queue": 11, "trap_action": "TRAP", "trap_priority": 11 }, { "cbs": "100", "cir": "100", "copp_name": "copp-system-ttl", "trap_action": "TRAP" }, { "cbs": "500", "cir": "500", "copp_name": "copp-system-udld", "queue": 22, "trap_action": "TRAP", "trap_priority": 22 }, { ```	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception

				`"cbs": "500",`
				`"cir": "500",`
				`"copp_name": "copp-system-udld",`
				`"queue": 22,`
				`"trap_action": "TRAP",`
				`"trap_priority": 22`
				`},`
				`{`
				`"cbs": "500",`
				`"cir": "500",`
				`"copp_name": "copp-system-vrrp",`
				`"queue": 17,`
				`"trap_action": "TRAP",`
				`"trap_priority": 17`
				`},`
				`{`
				`"cbs": "100",`
				`"cir": "100",`
				`"copp_name": "default"`
				`}`
				`]`
				`}`
					`"cbs": "500",`
					`"cir": "500",`
					`"copp_name": "copp-system-vrrp",`
					`"queue": 17,`
					`"trap_action": "TRAP",`
					`"trap_priority": 17`
					`},`
					`{`
					`"cbs": "100",`
					`"cir": "100",`
					`"copp_name": "default"`
					`}`
					`]`
					`}`	

test_case_06.2	Passed	Input: {}	Commands: []	Before: {
				`"copp_groups": [`
				`{`
				`"cbs": "3000",`
				`"cir": "3000",`
				`"copp_name": "copp-system-arp",`
				`"queue": 10,`
				`"trap_action": "COPY",`
				`"trap_priority": 10`
				`},`
				`{`
				`"cbs": "2000",`
				`"cir": "2000",`
				`"copp_name": "copp-system-bfd",`
				`"queue": 20,`
				`"trap_action": "TRAP",`
				`"trap_priority": 20`
				`},`
				`{`
				`"cbs": "10000",`
				`"cir": "10000",`
				`"copp_name": "copp-system-bgp",`
				`"queue": 14,`
				`"trap_action": "TRAP",`
				`"trap_priority": 14`
				`},`
				`{`
				`"cbs": "300",`
				`"cir": "300",`
				`"copp_name": "copp-system-dhcp",`
				`"queue": 9,`
				`"trap_action": "TRAP",`
				`"trap_priority": 9`
				`},`
				`{`
				`"cbs": "5000",`
				`"cir": "5000",`
				`"copp_name": "copp-system-iccp",`
				`"queue": 16,`
				`"trap_action": "TRAP",`
				`"trap_priority": 16`
				`},`
				`{`
				`"cbs": "1000",`
				`"cir": "1000",`
				`"copp_name": "copp-system-icmp",`
				`"queue": 8,`
				`"trap_action": "TRAP",`
				`"trap_priority": 8`
				`},`
				`{`
				`"cbs": "2000",`
				`"cir": "2000",`
				`"copp_name": "copp-system-igmp",`
				`"queue": 12,`
				`"trap_action": "TRAP",`
				`"trap_priority": 12`
				`},`
				`{`
				`"cbs": "6000",`
				`"cir": "6000",`
				`"copp_name": "copp-system-ip2me",`
				`"queue": 7,`
				`"trap_action": "TRAP",`
				`"trap_priority": 7`
				`},`
				`{`
				`"cbs": "500",`
				`"cir": "500",`
				`"copp_name": "copp-system-lacp",`
				`"queue": 23,`
				`"trap_action": "TRAP",`
				`"trap_priority": 23`
				`},`
				`{`
				`"cbs": "500",`
				`"cir": "500",`
				`"copp_name": "copp-system-lldp",`
				`"queue": 18,`
				`"trap_action": "TRAP",`
				`"trap_priority": 18`
				`},`
				`{`
				`"cbs": "500",`
				`"cir": "500",`
				`"copp_name": "copp-system-mtu",`
				`"queue": 4,`
				`"trap_action": "TRAP",`
				`"trap_priority": 4`
				`},`
				`{`
				`"cbs": "5000",`
				`"cir": "5000",`
				`"copp_name": "copp-system-ospf",`
				`"queue": 15,`
				`"trap_action": "COPY",`
				`"trap_priority": 15`
				`},`
				`{`
				`"cbs": "5000",`
				`"cir": "5000",`
				`"copp_name": "copp-system-pim",`
				`"queue": 13,`
				`"trap_action": "TRAP",`
				`"trap_priority": 13`
				`},`
				`{`
				`"cbs": "8000",`
				`"cir": "8000",`
				`"copp_name": "copp-system-sflow",`
				`"queue": 3,`
				`"trap_action": "TRAP",`
				`"trap_priority": 3`
				`},`
				`{`
				`"cbs": "16000",`
				`"cir": "16000",`
				`"copp_name": "copp-system-stp",`
				`"queue": 21,`
				`"trap_action": "TRAP",`
				`"trap_priority": 21`
				`},`
				`{`
				`"cbs": "2000",`
				`"cir": "2000",`
				`"copp_name": "copp-system-subnet",`
				`"queue": 6,`
				`"trap_action": "TRAP",`
				`"trap_priority": 6`
				`},`
				`{`
				`"cbs": "3000",`
				`"cir": "3000",`
				`"copp_name": "copp-system-suppress",`
				`"queue": 11,`
				`"trap_action": "TRAP",`
				`"trap_priority": 11`
				`},`
				`{`
					After: "Not defined"	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception

				<pre> "cbs": "100",
				        "cir": "100",
				        "copp_name": "copp-system-ttl",
				        "trap_action": "TRAP"
				    },
				    {
				        "cbs": "500",
				        "cir": "500",
				        "copp_name": "copp-system-udld",
				        "queue": 22,
				        "trap_action": "TRAP",
				        "trap_priority": 22
				    },
				    {
				        "cbs": "500",
				        "cir": "500",
				        "copp_name": "copp-system-vrrp",
				        "queue": 17,
				        "trap_action": "TRAP",
				        "trap_priority": 17
				    },
				    {
				        "cbs": "100",
				        "cir": "100",
				        "copp_name": "default"
				    }
				  ]
				}</pre>		

Testcase Complete Summary: Total: 12, Passed: 12, Failed: 0

        "cbs": "100",
        "cir": "100",
        "copp_name": "copp-system-ttl",
        "trap_action": "TRAP"
    },
    {
        "cbs": "500",
        "cir": "500",
        "copp_name": "copp-system-udld",
        "queue": 22,
        "trap_action": "TRAP",
        "trap_priority": 22

        "cbs": "500",
        "cir": "500",
        "copp_name": "copp-system-vrrp",
        "queue": 17,
        "trap_action": "TRAP",
        "trap_priority": 17

        "cbs": "100",