

Regression report

Date: 2024-09-13 Time: 15-17-02

Summary report

Module	Total testcases	Passed	Failed
ip_neighbor	16	16	0

Testcase Complete Summary: Total: 16, Passed: 16, Failed: 0

Detailed report of ip_neighbor

Testcase summary: Total: 16, Passed: 16, Failed: 0

Testcase name	Status	User Input	Commands	Before	After	Module exception
test_case_01.1	Passed	<pre> input: { "intf_ipv6_neighbors": [{ "adv_interval_option": true, "dad": "enable", "dnssl": [{ "name": "abc.com", "valid_lifetime": 1000 }], "home_agent_config": true, "home_agent_lifetime": 2000, "home_agent_preference": 12, "interface": "Ethernet20", "interval": 800, "lifetime": 4500, "managed_config": true, "min_ra_interval": 110, "min_ra_interval_msec": 12000, "mtu": 725, "neighbors": [{ "ip": "1:1:1", "link_layer_address": "A1:B4:C5:C1:00:3E" }], "other_config": true, "ra_fast_retrans": true, "ra_hop_limit": 148, "ra_interval_msec": 180000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1800, "prefix": "1:1:1:1/1", "router_address": true, "valid_lifetime": 100000 }], "ra_retrans_interval": 800000, "rdnss": [{ "address": "1:1:1:1", "valid_lifetime": 750000 }], "reachable_time": 500, "router_preference": "low", "suppress": true }, { "adv_interval_option": true, "dad": "enable", "dnssl": [{ "name": "xyz.com", "valid_lifetime": 2000 }], "home_agent_config": true, "home_agent_lifetime": 3000, "home_agent_preference": 13, "interface": "Vlan1", "interval": 900, "lifetime": 4000, "managed_config": true, "min_ra_interval": 120, "min_ra_interval_msec": 13000, "mtu": 825, "neighbors": [{ "ip": "2:2:2", "link_layer_address": "A2:B3:C4:C5:D6:4E" }], "other_config": true, "ra_fast_retrans": true, "ra_hop_limit": 150, "ra_interval_msec": 190000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1900, "prefix": "2:2:2:2/2", "router_address": true, "valid_lifetime": 200000 }], "ra_retrans_interval": 900000, "rdnss": [{ "address": "2:2:2:2", "valid_lifetime": 700000 }], "reachable_time": 600, "router_preference": "medium", "suppress": true }], "ip4 ARP timeout": 120, "ip4 drop_neighbor_aging_time": 400, "ip6 drop_neighbor_aging_time": 600, "ip6 nd_cache_expiry": 200, "num_local_neigh": 340 } </pre>	<pre> Commands: [{ "intf_ipv6_neighbors": [{ "adv_interval_option": true, "dad": "enable", "dnssl": [{ "name": "abc.com", "valid_lifetime": 1000 }], "home_agent_config": true, "home_agent_lifetime": 2000, "home_agent_preference": 12, "interface": "Ethernet20", "interval": 800, "lifetime": 4500, "managed_config": true, "min_ra_interval": 110, "min_ra_interval_msec": 12000, "mtu": 725, "neighbors": [{ "ip": "1:1:1", "link_layer_address": "A1:B4:C5:C1:00:3E" }], "other_config": true, "ra_fast_retrans": true, "ra_hop_limit": 148, "ra_interval_msec": 180000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1800, "prefix": "1:1:1:1/1", "router_address": true, "valid_lifetime": 100000 }], "ra_retrans_interval": 800000, "rdnss": [{ "address": "1:1:1:1", "valid_lifetime": 750000 }], "reachable_time": 500, "router_preference": "low", "suppress": true }, { "adv_interval_option": true, "dad": "enable", "dnssl": [{ "name": "xyz.com", "valid_lifetime": 2000 }], "home_agent_config": true, "home_agent_lifetime": 3000, "home_agent_preference": 13, "interface": "Vlan1", "interval": 900, "lifetime": 4000, "managed_config": true, "min_ra_interval": 120, "min_ra_interval_msec": 13000, "mtu": 825, "neighbors": [{ "ip": "2:2:2", "link_layer_address": "A2:B3:C4:C5:D6:4E" }], "other_config": true, "ra_fast_retrans": true, "ra_hop_limit": 150, "ra_interval_msec": 190000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1900, "prefix": "2:2:2:2/2", "router_address": true, "valid_lifetime": 200000 }], "ra_retrans_interval": 900000, "rdnss": [{ "address": "2:2:2:2", "valid_lifetime": 700000 }], "reachable_time": 600, "router_preference": "medium", "suppress": true }], "ip4 ARP timeout": 120, "ip4 drop_neighbor_aging_time": 400, "ip6 drop_neighbor_aging_time": 600, "ip6 nd_cache_expiry": 200, "num_local_neigh": 340, "state": "merged" }] </pre>	<pre> Before: { "intf_ipv6_neighbors": [{ "dad": "disable", "interface": "Ethernet0" }, { "dad": "disable", "interface": "Ethernet4" }, { "dad": "disable", "interface": "Ethernet8" }, { "dad": "disable", "interface": "Ethernet12" }, { "dad": "disable", "interface": "Ethernet16" }, { "dad": "disable", "interface": "Ethernet20" }, { "dad": "disable", "interface": "Ethernet24" }, { "dad": "disable", "interface": "Ethernet28" }, { "dad": "disable", "interface": "Ethernet32" }, { "dad": "disable", "interface": "Ethernet36" }, { "dad": "disable", "interface": "Ethernet40" }, { "dad": "disable", "interface": "Ethernet44" }, { "dad": "disable", "interface": "Ethernet48" }, { "dad": "disable", "interface": "Ethernet52" }, { "dad": "disable", "interface": "Ethernet56" }, { "dad": "disable", "interface": "Ethernet60" }, { "dad": "disable", "interface": "Ethernet64" }, { "dad": "disable", "interface": "Ethernet68" }, { "dad": "disable", "interface": "Ethernet72" }, { "dad": "disable", "interface": "Ethernet76" }, { "dad": "disable", "interface": "Ethernet80" }, { "dad": "disable", "interface": "Ethernet84" }, { "dad": "disable", "interface": "Ethernet88" }, { "dad": "disable", "interface": "Ethernet92" }, { "dad": "disable", "interface": "Ethernet96" }, { "dad": "disable", "interface": "Ethernet100" }, { "dad": "disable", "interface": "Ethernet104" }, { "dad": "disable", "interface": "Ethernet108" }, { "dad": "disable", "interface": "Ethernet112" }, { "dad": "disable", "interface": "Ethernet116" }, { "dad": "disable", "interface": "Ethernet120" }, { "dad": "disable", "interface": "Ethernet124" }, { "dad": "disable", "interface": "Ethernet128" }, { "dad": "disable", "interface": "Ethernet132" }, { "dad": "disable", "interface": "Ethernet136" }, { "dad": "disable", "interface": "Ethernet140" }, { "dad": "disable", "interface": "Ethernet144" }, { "dad": "disable", "interface": "Ethernet148" }, { "dad": "disable", "interface": "Ethernet152" }, { "dad": "disable", "interface": "Ethernet156" }, { "dad": "disable", "interface": "Ethernet160" }, { "dad": "disable", "interface": "Ethernet164" }, { "dad": "disable", "interface": "Ethernet168" }, { "dad": "disable", "interface": "Ethernet172" }, { "dad": "disable", "interface": "Ethernet176" }, { "dad": "disable", "interface": "Ethernet180" }, { "dad": "disable", "interface": "Ethernet184" }, { "dad": "disable", "interface": "Ethernet188" }, { "dad": "disable", "interface": "Ethernet192" }, { "dad": "disable", "interface": "Ethernet196" }, { "dad": "disable", "interface": "Ethernet200" }], "ip": "fe80::e6f0:4ff:fe4e:5b5" } </pre>	<pre> After: { "intf_ipv6_neighbors": [{ "dad": "disable", "interface": "Ethernet0" }, { "dad": "disable", "interface": "Ethernet4" }, { "dad": "disable", "interface": "Ethernet8" }, { "dad": "disable", "interface": "Ethernet12" }, { "dad": "disable", "interface": "Ethernet16" }, { "adv_interval_option": true, "dad": "enable", "dnssl": [{ "name": "abc.com", "valid_lifetime": 1000 }], "home_agent_config": true, "home_agent_lifetime": 2000, "home_agent_preference": 12, "interface": "Ethernet20", "interval": 800, "lifetime": 4500, "managed_config": true, "min_ra_interval": 110, "min_ra_interval_msec": 12000, "mtu": 725, "neighbors": [{ "ip": "1:1:1", "link_layer_address": "A1:B4:C5:C1:00:3E" }], "other_config": true, "ra_fast_retrans": true, "ra_hop_limit": 148, "ra_interval_msec": 180000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1800, "prefix": "1:1:1:1/1", "router_address": true, "valid_lifetime": 100000 }], "ra_retrans_interval": 800000, "rdnss": [{ "address": "1:1:1:1", "valid_lifetime": 750000 }], "reachable_time": 500, "router_preference": "low", "suppress": true }, { "adv_interval_option": true, "dad": "enable", "dnssl": [{ "name": "xyz.com", "valid_lifetime": 2000 }], "home_agent_config": true, "home_agent_lifetime": 3000, "home_agent_preference": 13, "interface": "Vlan1", "interval": 900, "lifetime": 4000, "managed_config": true, "min_ra_interval": 120, "min_ra_interval_msec": 13000, "mtu": 825, "neighbors": [{ "ip": "2:2:2", "link_layer_address": "A2:B3:C4:C5:D6:4E" }], "other_config": true, "ra_fast_retrans": true, "ra_hop_limit": 150, "ra_interval_msec": 190000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1900, "prefix": "2:2:2:2/2", "router_address": true, "valid_lifetime": 200000 }], "ra_retrans_interval": 900000, "rdnss": [{ "address": "2:2:2:2", "valid_lifetime": 700000 }], "reachable_time": 600, "router_preference": "medium", "suppress": true }], "ip4 ARP timeout": 1800, "ip6 nd_cache_expiry": 1800 } </pre>	Errors: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
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test_case_01.2	Passed	<pre> Input: { "int_ipv6_neighbors": [{ "adv_interval_option": true, "dad": "enable", "dns1": [{ "name": "abc.com", "valid_lifetime": 1000 }], "home_agent_config": true, "home_agent_lifetime": 2000, "home_agent_preference": 12, "interface": "Ethernet20", "interval": 800, "lifetime": 4500, "managed_config": true, "min_ra_interval": 110, "min_ra_interval_msec": 12000, "mtu": 725, "neighbors": [{ "ip": "1::1", "link_layer_address": "A1:B4:C5:C1:D0:3E" }], "other_config": true, "ra_fast_retrans": true, "ra_hop_limit": 140, "ra_interval_msec": 180000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1800, "prefix": "1::1:1:1", "router_address": true, "valid_lifetime": 100000 }], "ra_retrans_interval": 800000, "rdns": [{ "address": "1::1:1:1", "valid_lifetime": 750000 }], "reachable_time": 500, "router_preference": "low", "suppress": true }, { "adv_interval_option": true, "dad": "enable", "dns1": [{ "name": "xyz.com", "valid_lifetime": 2000 }], "home_agent_config": true, "home_agent_lifetime": 3000, "home_agent_preference": 13, "interface": "Vlan1", "interval": 900, "lifetime": 4600, "managed_config": true, "min_ra_interval": 120, "min_ra_interval_msec": 13000, "mtu": 825, "neighbors": [{ "ip": "2::2", "link_layer_address": "A2:B3:C4:C5:D6:4E" }], "other_config": true, "ra_fast_retrans": true, "ra_hop_limit": 150, "ra_interval_msec": 190000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1900, "prefix": "2::2:2:2", "router_address": true, "valid_lifetime": 200000 }], "ra_retrans_interval": 900000, "rdns": [{ "address": "2::2:2:2", "valid_lifetime": 760000 }], "reachable_time": 600, "router_preference": "medium", "suppress": true }], "ipv4_arp_timeout": 120, "ipv4_drop_neighbor_aging_time": 400, "ipv6_drop_neighbor_aging_time": 600, "ipv6_md_cache_expiry": 200, "num_local_neigh": 340 } </pre>	Commands: []	<pre> Before: { "int_ipv6_neighbors": [{ "dad": "disable", "interface": "Ethernet0" }, { "dad": "disable", "interface": "Ethernet4" }, { "dad": "disable", "interface": "Ethernet8" }, { "dad": "disable", "interface": "Ethernet12" }, { "dad": "disable", "interface": "Ethernet16" }], "adv_interval_option": true, "dad": "enable", "dns1": [{ "name": "abc.com", "valid_lifetime": 1000 }], "home_agent_config": true, "home_agent_lifetime": 2000, "home_agent_preference": 12, "interface": "Ethernet20", "interval": 800, "lifetime": 4500, "managed_config": true, "min_ra_interval": 110, "min_ra_interval_msec": 12000, "mtu": 725, "neighbors": [{ "ip": "1::1", "link_layer_address": "A1:B4:C5:C1:D0:3E" }], "other_config": true, "ra_fast_retrans": true, "ra_hop_limit": 140, "ra_interval_msec": 180000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1800, "prefix": "1::1:1:1", "router_address": true, "valid_lifetime": 100000 }], "ra_retrans_interval": 800000, "rdns": [{ "address": "1::1:1:1", "valid_lifetime": 750000 }], "reachable_time": 500, "router_preference": "low", "suppress": true }, { "dad": "disable", "interface": "Ethernet24" }, { "dad": "disable", "interface": "Ethernet28" }, { "dad": "disable", "interface": "Ethernet32" }, { "dad": "disable", "interface": "Ethernet36" }, { "dad": "disable", "interface": "Ethernet40" }, { "dad": "disable", "interface": "Ethernet44" }, { "dad": "disable", "interface": "Ethernet48" }, { "dad": "disable", "interface": "Ethernet52" }, { "dad": "disable", "interface": "Ethernet56" }, { "dad": "disable", "interface": "Ethernet60" }, { "dad": "disable", "interface": "Ethernet64" }, { "dad": "disable", "interface": "Ethernet68" }, { "dad": "disable", "interface": "Ethernet72" }, { "dad": "disable", "interface": "Ethernet76" } </pre>	After: "Not defined"	Errors: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> }, { "dad": "disable", "interface": "Ethernet80" }, { "dad": "disable", "interface": "Ethernet84" }, { "dad": "disable", "interface": "Ethernet88" }, { "dad": "disable", "interface": "Ethernet92" }, { "dad": "disable", "interface": "Ethernet96" }, { "dad": "disable", "interface": "Ethernet100" }, { "dad": "disable", "interface": "Ethernet104" }, { "dad": "disable", "interface": "Ethernet108" }, { "dad": "disable", "interface": "Ethernet112" }, { "dad": "disable", "interface": "Ethernet116" }, { "dad": "disable", "interface": "Ethernet120" }, { "dad": "disable", "interface": "Ethernet124" }, { "dad": "disable", "interface": "Ethernet128" }, { "dad": "disable", "interface": "Ethernet132" }, { "dad": "disable", "interface": "Management0", "neighbors": [{ "ip": "fe80::e6f0:4ff:fe4e:5b5" }] }, { "adv_interval_option": true, "dad": "enable", "dns": [{ "name": "xyz.com", "valid_lifetime": 2000 }], "home_agent_config": true, "home_agent_lifetime": 3000, "home_agent_preference": 13, "interface": "Vlan1", "interval": 900, "lifetime": 4000, "managed_config": true, "min_ra_interval": 120, "min_ra_interval_msec": 13000, "mtu": 825, "neighbors": [{ "ip": "2::2", "link_layer_address": "A2:B3:C4:C5:D6:4E" }], "other_config": true, "ra_fast_retrans": true, "ra_hop_limit": 150, "ra_interval_msec": 190000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1000, "prefix": "2::2:2/2", "router_address": true, "valid_lifetime": 200000 }], "ra_retrans_interval": 900000, "rdns": [{ "address": "2::2:2/2", "valid_lifetime": 700000 }], "reachable_time": 600, "router_preference": "medium", "suppress": true }, { "dad": "disable", "interface": "Vlan2" },], "ipv6_dhcp_timeout": 120, "ipv6_drop_neighbor_aging_time": 400, "ipv6_drop_neighbor_aging_time": 600, "ipv6_md_cache_expiry": 200, "num_local_neigh": 340 } </pre>		
test_case_02.1	Passed	<pre> Input: { "int_ipv6_neighbors": [{ "adv_interval_option": false, "dad": "disable", "dns": [{ "name": "abc.com", "valid_lifetime": 2200 }], "home_agent_config": false, "home_agent_lifetime": 3300, "home_agent_preference": 144, "interface": "Ethernet20", "interval": 1700, "lifetime": 5600, "managed_config": false, "min_ra_interval": 130, "min_ra_interval_msec": 12500, "mtu": 770, "neighbors": [{ "ip": "1::1", "link_layer_address": "A5:B4:C3:C2:D0:31" }], "other_config": false, "ra_fast_retrans": false, "ra_hop_limit": 160, "ra_interval_msec": 170000, "ra_prefixes": [{ "no_autoconfig": false, "off_link": false, "preferred_lifetime": 1090, "prefix": "1::1:1/1", "router_address": false, "valid_lifetime": 122000 }], "ra_retrans_interval": 876000, "rdns": [{ "address": "1::1:1", "valid_lifetime": 800000 }], "reachable_time": 975, "router_preference": "high", "suppress": false }], "dad": "disable_ipv6_on_failure", "dns": [{ "name": "123.com", "valid_lifetime": 57643 }], "home_agent_config": false, "home_agent_lifetime": 4000, "home_agent_preference": 14, "interface": "Vlan1", "interval": 999, "lifetime": 4000, "managed_config": false, "min_ra_interval": 125, "min_ra_interval_msec": 13200, "mtu": 826, "neighbors": [{ "ip": "1::2", "link_layer_address": "C2:F3:D4:E5:A6:4E" }], "other_config": false, "ra_fast_retrans": false, "ra_hop_limit": 154, "ra_interval_msec": 195000, </pre>	<pre> Commands: [{ "int_ipv6_neighbors": [{ "adv_interval_option": false, "dad": "disable", "dns": [{ "name": "abc.com", "valid_lifetime": 2200 }], "home_agent_config": false, "home_agent_lifetime": 3300, "home_agent_preference": 144, "interface": "Ethernet20", "interval": 1700, "lifetime": 5600, "managed_config": false, "min_ra_interval": 130, "min_ra_interval_msec": 12500, "mtu": 770, "neighbors": [{ "ip": "1::1", "link_layer_address": "A5:B4:C3:C2:D0:31" }], "other_config": false, "ra_fast_retrans": false, "ra_hop_limit": 160, "ra_interval_msec": 170000, "ra_prefixes": [{ "no_autoconfig": false, "off_link": false, "preferred_lifetime": 1090, "prefix": "1::1:1/1", "router_address": false, "valid_lifetime": 122000 }], "ra_retrans_interval": 876000, "rdns": [{ "address": "1::1:1", "valid_lifetime": 800000 }], "reachable_time": 975, "router_preference": "high", "suppress": false }], "dad": "disable_ipv6_on_failure", "dns": [{ "name": "123.com", "valid_lifetime": 57643 }], "home_agent_config": false, "home_agent_lifetime": 4000, "home_agent_preference": 14, "interface": "Vlan1", "interval": 999, "lifetime": 4000, "managed_config": false, "min_ra_interval": 125, "min_ra_interval_msec": 13200, "mtu": 826, "neighbors": [{ "ip": "1::2", "link_layer_address": "C2:F3:D4:E5:A6:4E" }], "other_config": false, "ra_fast_retrans": false, "ra_hop_limit": 154, </pre>	<pre> Before: { "int_ipv6_neighbors": [{ "dad": "disable", "interface": "Ethernet0" }, { "dad": "disable", "interface": "Ethernet4" }, { "dad": "disable", "interface": "Ethernet8" }, { "dad": "disable", "interface": "Ethernet12" }, { "dad": "disable", "interface": "Ethernet16" }, { "adv_interval_option": true, "dad": "enable", "dns": [{ "name": "abc.com", "valid_lifetime": 1000 }], "home_agent_config": true, "home_agent_lifetime": 2000, "home_agent_preference": 13, "interface": "Ethernet20", "interval": 1700, "lifetime": 4500, "managed_config": true, "min_ra_interval": 110, "min_ra_interval_msec": 12000, "mtu": 725, "neighbors": [{ "ip": "1::1", "link_layer_address": "A1:B4:C5:C1:D0:3E" }], "other_config": true, "ra_fast_retrans": true, "ra_hop_limit": 140, "ra_interval_msec": 180000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1000, "prefix": "1::1:1/1", "router_address": true, "valid_lifetime": 100000 }], "ra_retrans_interval": 800000, "rdns": [{ "address": "1::1:1:1", "valid_lifetime": 800000 }], "reachable_time": 500, "router_preference": "low", "suppress": true }, { "dad": "disable", "interface": "Ethernet24" }, { "dad": "disable", "interface": "Ethernet28" }], </pre>	<pre> After: { "int_ipv6_neighbors": [{ "dad": "disable", "interface": "Ethernet0" }, { "dad": "disable", "interface": "Ethernet4" }, { "dad": "disable", "interface": "Ethernet8" }, { "dad": "disable", "interface": "Ethernet12" }, { "dad": "disable", "interface": "Ethernet16" }, { "adv_interval_option": false, "dad": "disable", "dns": [{ "name": "abc.com", "valid_lifetime": 2200 }], "home_agent_config": false, "home_agent_lifetime": 3300, "home_agent_preference": 144, "interface": "Ethernet20", "interval": 1700, "lifetime": 5600, "managed_config": false, "min_ra_interval": 130, "min_ra_interval_msec": 12500, "mtu": 770, "neighbors": [{ "ip": "1::1", "link_layer_address": "A5:B4:C3:C2:D0:31" }], "other_config": false, "ra_fast_retrans": false, "ra_hop_limit": 160, "ra_interval_msec": 170000, "ra_prefixes": [{ "no_autoconfig": false, "off_link": false, "preferred_lifetime": 1090, "prefix": "1::1:1/1", "router_address": false, "valid_lifetime": 122000 }], "ra_retrans_interval": 876000, "rdns": [{ "address": "1::1:1", "valid_lifetime": 800000 }], "reachable_time": 975, "router_preference": "high", "suppress": false }, { "dad": "disable", "interface": "Ethernet24" }, { "dad": "disable", "interface": "Ethernet28" }], </pre>	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre> "ra_prefixes": [{ "no_autoconfig": false, "off_link": false, "preferred_lifetime": 1400, "prefix": "5:5:5:5/3", "router_address": false, "valid_lifetime": 303030 }], "ra_retrans_interval": 899000, "rdnss": [{ "address": "7:7:7:7", "valid_lifetime": 8800000 }], "reachable_time": 800, "router_preference": "low", "suppress": false }, }, "ipv4_arp_timeout": 132, "ipv4_drop_neighbor_aging_time": 654, "ipv6_drop_neighbor_aging_time": 587, "ipv6_md_cache_expiry": 140, "num_local_neigh": 555 } </pre>	<pre> "ra_interval_msec": 195000, "ra_prefixes": [{ "no_autoconfig": false, "off_link": false, "preferred_lifetime": 1400, "prefix": "5:5:5:5/3", "router_address": false, "valid_lifetime": 303030 }], "ra_retrans_interval": 899000, "rdnss": [{ "address": "7:7:7:7", "valid_lifetime": 8800000 }], "reachable_time": 800, "router_preference": "low", "suppress": false }, }, "ipv4_arp_timeout": 132, "ipv4_drop_neighbor_aging_time": 654, "ipv6_drop_neighbor_aging_time": 587, "ipv6_md_cache_expiry": 140, "num_local_neigh": 555, "state": "merged" } } </pre>	<pre> { "dad": "disable", "interface": "Ethernet32" }, { "dad": "disable", "interface": "Ethernet36" }, { "dad": "disable", "interface": "Ethernet40" }, { "dad": "disable", "interface": "Ethernet44" }, { "dad": "disable", "interface": "Ethernet48" }, { "dad": "disable", "interface": "Ethernet52" }, { "dad": "disable", "interface": "Ethernet56" }, { "dad": "disable", "interface": "Ethernet60" }, { "dad": "disable", "interface": "Ethernet64" }, { "dad": "disable", "interface": "Ethernet68" }, { "dad": "disable", "interface": "Ethernet72" }, { "dad": "disable", "interface": "Ethernet76" }, { "dad": "disable", "interface": "Ethernet80" }, { "dad": "disable", "interface": "Ethernet84" }, { "dad": "disable", "interface": "Ethernet88" }, { "dad": "disable", "interface": "Ethernet92" }, { "dad": "disable", "interface": "Ethernet96" }, { "dad": "disable", "interface": "Ethernet100" }, { "dad": "disable", "interface": "Ethernet104" }, { "dad": "disable", "interface": "Ethernet108" }, { "dad": "disable", "interface": "Ethernet112" }, { "dad": "disable", "interface": "Ethernet116" }, { "dad": "disable", "interface": "Ethernet120" }, { "dad": "disable", "interface": "Ethernet124" }, { "dad": "disable", "interface": "Ethernet128" }, { "dad": "disable", "interface": "Ethernet129" }, { "dad": "disable", "interface": "Management0", "neighbors": [{ "ip": "fe80::e6f0:4ff:fe4e:5b5" }] }, { "adv_interval_option": true, "dad": "enable", "dnssl": [{ "name": "xyz.com", "valid_lifetime": 2000 }], "home_agent_config": true, "home_agent_lifetime": 3000, "home_agent_preference": 13, "interface": "Vlan1", "lifetime": 4600, "managed_config": true, "min_ra_interval": 120, "min_ra_interval_msec": 13000, "mtu": 826, "neighbors": [{ "ip": "2::2", "link_layer_address": "A2:B3:C4:C5:D6:4E" }], "other_config": true, "ra_fast_retrans": true, "ra_hop_limit": 150, "ra_interval_msec": 190000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1900, "prefix": "2:2:2:2/2", "router_address": true, "valid_lifetime": 200000 }], "ra_retrans_interval": 900000, "rdnss": [{ "address": "2:2:2:2", "valid_lifetime": 760000 }], "reachable_time": 600, "router_preference": "medium", "suppress": true }, { "dad": "disable", "interface": "Vlan2" }, }, "ipv4_arp_timeout": 120, "ipv4_drop_neighbor_aging_time": 400, "ipv6_drop_neighbor_aging_time": 600, "ipv6_md_cache_expiry": 200, "num_local_neigh": 340 } </pre>	<pre> { "dad": "disable", "interface": "Ethernet32" }, { "dad": "disable", "interface": "Ethernet36" }, { "dad": "disable", "interface": "Ethernet40" }, { "dad": "disable", "interface": "Ethernet44" }, { "dad": "disable", "interface": "Ethernet48" }, { "dad": "disable", "interface": "Ethernet52" }, { "dad": "disable", "interface": "Ethernet56" }, { "dad": "disable", "interface": "Ethernet60" }, { "dad": "disable", "interface": "Ethernet64" }, { "dad": "disable", "interface": "Ethernet68" }, { "dad": "disable", "interface": "Ethernet72" }, { "dad": "disable", "interface": "Ethernet76" }, { "dad": "disable", "interface": "Ethernet80" }, { "dad": "disable", "interface": "Ethernet84" }, { "dad": "disable", "interface": "Ethernet88" }, { "dad": "disable", "interface": "Ethernet92" }, { "dad": "disable", "interface": "Ethernet96" }, { "dad": "disable", "interface": "Ethernet100" }, { "dad": "disable", "interface": "Ethernet104" }, { "dad": "disable", "interface": "Ethernet108" }, { "dad": "disable", "interface": "Ethernet112" }, { "dad": "disable", "interface": "Ethernet116" }, { "dad": "disable", "interface": "Ethernet120" }, { "dad": "disable", "interface": "Ethernet124" }, { "dad": "disable", "interface": "Ethernet128" }, { "dad": "disable", "interface": "Ethernet129" }, { "dad": "disable", "interface": "Management0", "neighbors": [{ "ip": "fe80::e6f0:4ff:fe4e:5b5" }] }, { "adv_interval_option": true, "dad": "disable_ipv6_on_failure", "dnssl": [{ "name": "123.com", "valid_lifetime": 57643 }], "home_agent_config": false, "home_agent_lifetime": 4000, "home_agent_preference": 14, "interface": "Vlan1", "lifetime": 4000, "managed_config": false, "min_ra_interval": 125, "min_ra_interval_msec": 13200, "mtu": 826, "neighbors": [{ "ip": "1:1:2", "link_layer_address": "C2:F3:D4:E5:A6:4E" }, { "ip": "2:2", "link_layer_address": "A2:B3:C4:C5:D6:4E" }], "other_config": false, "ra_fast_retrans": false, "ra_hop_limit": 154, "ra_interval_msec": 195000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1900, "prefix": "2:2:2:2/2", "router_address": true, "valid_lifetime": 200000 }], "ra_retrans_interval": 899000, "rdnss": [{ "address": "2:2:2:2", "valid_lifetime": 760000 }], "reachable_time": 800, "router_preference": "low", "suppress": false }, { "dad": "disable", "interface": "Vlan2" }, }, "ipv4_arp_timeout": 132, "ipv4_drop_neighbor_aging_time": 654, "ipv6_drop_neighbor_aging_time": 587, "ipv6_md_cache_expiry": 140, "num_local_neigh": 555 } 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test_case_02.2	Passed	<pre> Input: { intf_ipv6_neighbors: [{ "adv_interval_option": false, "dad": "disable", "dnssl": [{ "name": "abc.com", "valid_lifetime": 2200 }], "home_agent_config": false, "home_agent_lifetime": 3300, }] } </pre>	<pre> Commands: [] </pre>	<pre> Before: { "intf_ipv6_neighbors": [{ "dad": "disable", "interface": "Ethernet0" }, { "dad": "disable", "interface": "Ethernet4" }, { "dad": "disable", "interface": "Ethernet8" }] } </pre>	<pre> After: "Not defined" </pre>	<pre> Error: "No Error" </pre>

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre> "home_agent_preference": 144, "interface": "Ethernet20", "interval": 1700, "lifetime": 5000, "managed_config": false, "min_ra_interval": 130, "min_ra_interval_msec": 12500, "mtu": 770, "neighbors": [{ "ip": "1::1", "link_layer_address": "A5:B4:C3:C2:D0:31" }] "other_config": false, "ra_fast_retrans": false, "ra_hop_limit": 160, "ra_interval_msec": 170000, "ra_prefixes": [{ "no_autoconfig": false, "off_link": false, "preferred_lifetime": 1890, "prefix": "1::1:1:1/1", "router_address": false, "valid_lifetime": 122000 }] "ra_retrans_interval": 876000, "rdnss": [{ "address": "1:1:1:1", "valid_lifetime": 880000 }] "reachable_time": 975, "router_preference": "high", "suppress": false }, { "dad": "disable_ipv6_on_failure", "dnssl": [{ "name": "123.com", "valid_lifetime": 57643 }], "home_agent_config": false, "home_agent_lifetime": 4000, "home_agent_preference": 14, "interface": "Vlan1", "interval": 999, "lifetime": 4800, "managed_config": false, "min_ra_interval": 125, "min_ra_interval_msec": 13200, "mtu": 826, "neighbors": [{ "ip": "1::2", "link_layer_address": "C2:F3:D4:E5:A6:4E" }] } "other_config": false, "ra_fast_retrans": false, "ra_hop_limit": 154, "ra_interval_msec": 195000, "ra_prefixes": [{ "no_autoconfig": false, "off_link": false, "preferred_lifetime": 1400, "prefix": "5:5:5:5/5", "router_address": false, "valid_lifetime": 303030 }] "ra_retrans_interval": 899000, "rdnss": [{ "address": "7:7:7:7", "valid_lifetime": 880000 }] "reachable_time": 890, "router_preference": "low", "suppress": false }, { "ipv6_arp_timeout": 132, "ipv6_drop_neighbor_aging_time": 654, "ipv6_drop_neighbor_aging_time": 587, "ipv6_md_cache_expiry": 160, "num_local_neigh": 555 } </pre>		<pre> }, { "dad": "disable", "interface": "Ethernet12" }, { "dad": "disable", "interface": "Ethernet16" }, { "adv_interval_option": false, "dad": "disable", "dnssl": [{ "name": "abc.com", "valid_lifetime": 2200 }], "home_agent_config": false, "home_agent_lifetime": 3300, "home_agent_preference": 144, "interface": "Ethernet20", "interval": 1700, "lifetime": 5000, "managed_config": false, "min_ra_interval": 130, "min_ra_interval_msec": 12500, "mtu": 770, "neighbors": [{ "ip": "1:1:1", "link_layer_address": "A5:B4:C3:C2:D0:31" }] } "other_config": false, "ra_fast_retrans": false, "ra_hop_limit": 160, "ra_interval_msec": 170000, "ra_prefixes": [{ "no_autoconfig": false, "off_link": false, "preferred_lifetime": 1890, "prefix": "1:1:1:1/1", "router_address": false, "valid_lifetime": 122000 }] "ra_retrans_interval": 876000, "rdnss": [{ "address": "1:1:1:1", "valid_lifetime": 880000 }] "reachable_time": 975, "router_preference": "high", "suppress": false }, { "dad": "disable", "interface": "Ethernet24" }, { "dad": "disable", "interface": "Ethernet28" }, { "dad": "disable", "interface": "Ethernet32" }, { "dad": "disable", "interface": "Ethernet36" }, { "dad": "disable", "interface": "Ethernet40" }, { "dad": "disable", "interface": "Ethernet44" }, { "dad": "disable", "interface": "Ethernet48" }, { "dad": "disable", "interface": "Ethernet52" }, { "dad": "disable", "interface": "Ethernet56" }, { "dad": "disable", "interface": "Ethernet60" }, { "dad": "disable", "interface": "Ethernet64" }, { "dad": "disable", "interface": "Ethernet68" }, { "dad": "disable", "interface": "Ethernet72" }, { "dad": "disable", "interface": "Ethernet76" }, { "dad": "disable", "interface": "Ethernet80" }, { "dad": "disable", "interface": "Ethernet84" }, { "dad": "disable", "interface": "Ethernet88" }, { "dad": "disable", "interface": "Ethernet92" }, { "dad": "disable", "interface": "Ethernet96" }, { "dad": "disable", "interface": "Ethernet100" }, { "dad": "disable", "interface": "Ethernet104" }, { "dad": "disable", "interface": "Ethernet108" }, { "dad": "disable", "interface": "Ethernet112" }, { "dad": "disable", "interface": "Ethernet116" }, { "dad": "disable", "interface": "Ethernet120" }, { "dad": "disable", "interface": "Ethernet124" }, { "dad": "disable", "interface": "Ethernet128" }, { "dad": "disable", "interface": "Ethernet129" }, { "dad": "disable", "interface": "Management0", "neighbors": [{ "ip": "fe80::e6f0:4ff:fe4e:585" }] }, { "adv_interval_option": true, "dad": "disable_ipv6_on_failure", "dnssl": [{ "name": "123.com", "valid_lifetime": 57643 }, { "name": "xyz.com", "valid_lifetime": 2000 }], "home_agent_config": false, "home_agent_lifetime": 4000, "home_agent_preference": 14, "interface": "Vlan1", "interval": 999, "lifetime": 4800, "managed_config": false, "min_ra_interval": 125, "min_ra_interval_msec": 13200, "mtu": 826, "neighbors": [{ "ip": "1::2", "link_layer_address": "C2:F3:D4:E5:A6:4E" }], "ip": "2::2", } </pre>		

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> { "dad": "disable", "interface": "Ethernet108" }, { "dad": "disable", "interface": "Ethernet112" }, { "dad": "disable", "interface": "Ethernet116" }, { "dad": "disable", "interface": "Ethernet120" }, { "dad": "disable", "interface": "Ethernet124" }, { "dad": "disable", "interface": "Ethernet128" }, { "dad": "disable", "interface": "Ethernet129" }, { "dad": "disable", "interface": "Management0", "neighbors": [{ "ip": "fe80::e6f0:4ff:fe4e:5a5" }] }, { "adv_interval_option": true, "dad": "disable_ipv6_on_failure", "dnss": [{ "name": "123.com", "valid_lifetime": 57643 }, { "name": "xyz.com", "valid_lifetime": 2000 }], "home_agent_config": false, "home_agent_lifetime": 4000, "home_agent_preference": 14, "interface": "Vlan1", "interval": 999, "lifetime": 4000, "managed_config": false, "min_ra_interval": 125, "min_ra_interval_msec": 13200, "mtu": 826, "neighbors": [{ "ip": "1::2", "link_layer_address": "C2:F3:D4:E5:A6:4E" }, { "ip": "2::2", "link_layer_address": "A2:B3:C4:C5:D6:4E" }], "other_config": false, "ra_fast_retrans": false, "ra_hop_limit": 154, "ra_interval_msec": 195000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1900, "prefix": "2:2::2/2", "router_address": true, "valid_lifetime": 200000 }], "no_autoconfig": false, "off_link": false, "preferred_lifetime": 1400, "prefix": "5:5::5/5", "router_address": false, "valid_lifetime": 303030 }, { "ra_retrans_interval": 899000, "rdns": [{ "address": "2:2::2/2", "valid_lifetime": 760000 }, { "address": "7:7::7/7", "valid_lifetime": 8800000 }], "reachable_time": 800, "router_preference": "low", "suppress": false }, { "dad": "disable", "interface": "Vlan2" }, { "ip4_arp_timeout": 132, "ip4_drop_neighbor_aging_time": 654, "ip6_drop_neighbor_aging_time": 587, "ip6_md_cache_expiry": 140, "num_local_neigh": 555 } </pre>	<pre> }, { "dad": "disable", "interface": "Ethernet112" }, { "dad": "disable", "interface": "Ethernet116" }, { "dad": "disable", "interface": "Ethernet120" }, { "dad": "disable", "interface": "Ethernet124" }, { "dad": "disable", "interface": "Ethernet128" }, { "dad": "disable", "interface": "Ethernet129" }, { "dad": "disable", "interface": "Management0", "neighbors": [{ "ip": "fe80::e6f0:4ff:fe4e:5a5" }] }, { "adv_interval_option": true, "dad": "disable_ipv6_on_failure", "dnss": [{ "name": "123.com", "valid_lifetime": 57643 }, { "name": "xyz.com", "valid_lifetime": 2000 }], "home_agent_config": false, "home_agent_lifetime": 4000, "home_agent_preference": 14, "interface": "Vlan1", "interval": 999, "lifetime": 4000, "managed_config": false, "min_ra_interval": 125, "min_ra_interval_msec": 13200, "mtu": 826, "neighbors": [{ "ip": "1::2", "link_layer_address": "AA:B1:C2:00:E4:F5" }, { "ip": "2::2", "link_layer_address": "A2:B3:C4:C5:D6:4E" }], "other_config": false, "ra_fast_retrans": false, "ra_hop_limit": 154, "ra_interval_msec": 195000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1900, "prefix": "2:2::2/2", "router_address": true, "valid_lifetime": 200000 }], "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1900, "prefix": "5:5::5/5" }, { "ra_retrans_interval": 899000, "rdns": [{ "address": "2:2::2/2", "valid_lifetime": 760000 }, { "address": "7:7::7/7", "valid_lifetime": 3800 }], "reachable_time": 800, "router_preference": "low", "suppress": false }, { "dad": "disable", "interface": "Vlan2" }, { "ip4_arp_timeout": 132, "ip4_drop_neighbor_aging_time": 654, "ip6_drop_neighbor_aging_time": 587, "ip6_md_cache_expiry": 140, "num_local_neigh": 555 } </pre>	
test_case_03.2	Passed	<pre> Input: { intf_ipv6_neighbors: [{ "interface": "Ethernet20", "neighbors": [{ "ip": "1::1", "link_layer_address": "D1:E2:B3:C4:AA:44" }], "ra_prefixes": [{ "preferred_lifetime": 2700, "prefix": "1:1::1/1", "valid_lifetime": 300000 }], "rdns": [{ "address": "1:1::1/1", "valid_lifetime": 85000 }] }, { "interface": "Vlan1", "neighbors": [{ "ip": "1:2", "link_layer_address": "AA:B1:C2:00:E4:F5" }], "ra_prefixes": [{ "no_autoconfig": true, "prefix": "5:5::5/5" }], "rdns": [{ "address": "7:7::7/7", "valid_lifetime": 3800 }] }] } </pre>	Commands: []	<pre> Before: { intf_ipv6_neighbors: [{ "dad": "disable", "interface": "Ethernet0" }, { "dad": "disable", "interface": "Ethernet4" }, { "dad": "disable", "interface": "Ethernet8" }, { "dad": "disable", "interface": "Ethernet12" }, { "dad": "disable", "interface": "Ethernet16" }, { "adv_interval_option": false, "dad": "disable", "dnss": [{ "name": "abc.com", "valid_lifetime": 2200 }], "home_agent_config": false, "home_agent_lifetime": 3300, "home_agent_preference": 144, "interface": "Ethernet20", "interval": 1700, "lifetime": 5600, "managed_config": false, "min_ra_interval": 130, "min_ra_interval_msec": 12500, "mtu": 970, "neighbors": [{ "ip": "1::1", "link_layer_address": "D1:E2:B3:C4:AA:44" }], "other_config": false, "ra_fast_retrans": false, "ra_hop_limit": 160, "ra_interval_msec": 170000, "ra_prefixes": [{ "preferred_lifetime": 2700, "prefix": "1:1::1/1", "valid_lifetime": 300000 }], "ra_retrans_interval": 876000, "rdns": [{ "address": "1:1::1/1", "valid_lifetime": 85000 }], "reachable_time": 975, "router_preference": "high", "suppress": false }, { "dad": "disable", "interface": "Ethernet24" }, { "dad": "disable", "interface": "Ethernet28" }, { "dad": "disable", "interface": "Ethernet32" }, { "dad": "disable", "interface": "Ethernet36" }, { "dad": "disable", "interface": "Ethernet40" }], } </pre>	After: "Not defined"	Errors: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre>{ "dad": "disable", "interface": "Ethernet44" }, { "dad": "disable", "interface": "Ethernet48" }, { "dad": "disable", "interface": "Ethernet52" }, { "dad": "disable", "interface": "Ethernet56" }, { "dad": "disable", "interface": "Ethernet60" }, { "dad": "disable", "interface": "Ethernet64" }, { "dad": "disable", "interface": "Ethernet68" }, { "dad": "disable", "interface": "Ethernet72" }, { "dad": "disable", "interface": "Ethernet76" }, { "dad": "disable", "interface": "Ethernet80" }, { "dad": "disable", "interface": "Ethernet84" }, { "dad": "disable", "interface": "Ethernet88" }, { "dad": "disable", "interface": "Ethernet92" }, { "dad": "disable", "interface": "Ethernet96" }, { "dad": "disable", "interface": "Ethernet100" }, { "dad": "disable", "interface": "Ethernet104" }, { "dad": "disable", "interface": "Ethernet108" }, { "dad": "disable", "interface": "Ethernet112" }, { "dad": "disable", "interface": "Ethernet116" }, { "dad": "disable", "interface": "Ethernet120" }, { "dad": "disable", "interface": "Ethernet124" }, { "dad": "disable", "interface": "Ethernet128" }, { "dad": "disable", "interface": "Ethernet129" }, { "dad": "disable", "interface": "Management0", "neighbors": [{ "ip": "fe80::e5f0:4ff:fe4e:5a5" }] }, { "adv_interval_option": true, "dad": "disable_ipv6_on_failure", "dns1": [{ "name": "123.com", "valid_lifetime": 37643 }, { "name": "xyz.com", "valid_lifetime": 2000 }], "home_agent_config": false, "home_agent_lifetime": 4000, "home_agent_preference": 14, "interface": "Vlan1", "interval": 999, "lifetime": 4000, "managed_config": false, "min_ra_interval": 125, "min_ra_interval_usec": 13200, "mtu": 826, "neighbors": [{ "ip": "1::2", "link_layer_address": "AA:B1:C2:D0:E4:F5" }, { "ip": "2::2", "link_layer_address": "A2:B3:C4:C5:D6:4E" }], "other_config": false, "ra_fast_retrans": false, "ra_hop_limit": 154, "ra_interval_msec": 195000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1900, "prefix": "2::2:2/2", "router_address": true, "valid_lifetime": 200000 }, { "no_autoconfig": true, "prefix": "5::5/5" }], "ra_retrans_interval": 899000, "rdmas": [{ "address": "2::2:2", "valid_lifetime": 76000 }, { "address": "7::7:7", "valid_lifetime": 3800 }], "reachable_time": 800, "router_preference": "low", "suppress": false }, { "dad": "disable", "interface": "Vlan2" }], "ipv6_arp_timeout": 132, "ipv6_drop_neighbor_aging_time": 654, "ipv6_drop_neighbor_aging_time": 587, "ipv6_md_cache_expiry": 140, "num_local_neigh": 55 }</pre>		
test_case_04.1	Passed	<pre>Input: { "intf_ipv6_neighbors": [{ "adv_interval_option": true, "dad": "enable", "home_agent_lifetime": 8000, "interface": "Ethernet20" }, { "interface": "Vlan1", "interval": 1000, "ra_fast_retrans": true, "router_preference": "high", "suppress": true }] }</pre>	<pre>Commands: [{ "intf_ipv6_neighbors": [{ "adv_interval_option": false, "dns1": [{ "name": "abc.com", "valid_lifetime": 2200 }], "home_agent_config": false, "home_agent_lifetime": 3300, "home_agent_preference": 144, "interface": "Ethernet20", "interval": 1700, "lifetime": 5500, "managed_config": false, "min_ra_interval": 130, "min_ra_interval_usec": 12500, "mtu": 970, "neighbors": [{ "ip": "1::1", "link_layer_address": "D1:E2:B3:C4:AA:44" }], "other_config": false, "ra_fast_retrans": false, </pre>	<pre>Before: { "intf_ipv6_neighbors": [{ "dad": "disable", "interface": "Ethernet0" }, { "dad": "disable", "interface": "Ethernet4" }, { "dad": "disable", "interface": "Ethernet8" }, { "dad": "disable", "interface": "Ethernet12" }, { "dad": "disable", "interface": "Ethernet16" }, { "adv_interval_option": false, "dad": "disable", "dns1": [{ "name": "abc.com", "valid_lifetime": 2200 }], </pre>	<pre>After: { "intf_ipv6_neighbors": [{ "dad": "disable", "interface": "Ethernet0" }, { "dad": "disable", "interface": "Ethernet4" }, { "dad": "disable", "interface": "Ethernet8" }, { "dad": "disable", "interface": "Ethernet12" }, { "dad": "disable", "interface": "Ethernet16" }, { "adv_interval_option": true, "dad": "enable", "home_agent_lifetime": 8000, "interface": "Ethernet20" }], </pre>	Errors: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> } } "ra_retrans_interval": 899000, "rdnss": [{ "address": "2.2::2:2", "valid_lifetime": 760000 }, { "address": "7.7::7:7", "valid_lifetime": 3800 }] "reachable_time": 800, "router_preference": "low", "suppress": false }, { "dad": "disable", "interface": "Vlan2" }], "ipv4_arp_timeout": 132, "ipv4_drop_neighbor_aging_time": 654, "ipv6_drop_neighbor_aging_time": 587, "ipv6_nd_cache_expiry": 140, "num_local_neigh": 555 } </pre>		
test_case_04.2	Passed	<pre> Input: { "intf_ipv6_neighbors": [{ "adv_interval_option": true, "dad": "enable", "home_agent_lifetime": 8000, "interface": "Ethernet20" }, { "interface": "Vlan1", "interval": 1000, "ra_fast_retrans": true, "router_preference": "high", "suppress": true }] } </pre>	Commands: []	<pre> Before: { "intf_ipv6_neighbors": [{ "dad": "disable", "interface": "Ethernet0" }, { "dad": "disable", "interface": "Ethernet4" }, { "dad": "disable", "interface": "Ethernet8" }, { "dad": "disable", "interface": "Ethernet12" }, { "dad": "disable", "interface": "Ethernet16" }, { "adv_interval_option": true, "dad": "enable", "home_agent_lifetime": 8000, "interface": "Ethernet20" }, { "dad": "disable", "interface": "Ethernet24" }, { "dad": "disable", "interface": "Ethernet28" }, { "dad": "disable", "interface": "Ethernet32" }, { "dad": "disable", "interface": "Ethernet36" }, { "dad": "disable", "interface": "Ethernet40" }, { "dad": "disable", "interface": "Ethernet44" }, { "dad": "disable", "interface": "Ethernet48" }, { "dad": "disable", "interface": "Ethernet52" }, { "dad": "disable", "interface": "Ethernet56" }, { "dad": "disable", "interface": "Ethernet60" }, { "dad": "disable", "interface": "Ethernet64" }, { "dad": "disable", "interface": "Ethernet68" }, { "dad": "disable", "interface": "Ethernet72" }, { "dad": "disable", "interface": "Ethernet76" }, { "dad": "disable", "interface": "Ethernet80" }, { "dad": "disable", "interface": "Ethernet84" }, { "dad": "disable", "interface": "Ethernet88" }, { "dad": "disable", "interface": "Ethernet92" }, { "dad": "disable", "interface": "Ethernet96" }, { "dad": "disable", "interface": "Ethernet100" }, { "dad": "disable", "interface": "Ethernet104" }, { "dad": "disable", "interface": "Ethernet108" }, { "dad": "disable", "interface": "Ethernet112" }, { "dad": "disable", "interface": "Ethernet116" }, { "dad": "disable", "interface": "Ethernet120" }, { "dad": "disable", "interface": "Ethernet124" }, { "dad": "disable", "interface": "Ethernet128" }, { "dad": "disable", "interface": "Ethernet129" }, { "dad": "disable", "interface": "Management0", "neighbors": [{ "ip": "fe80::e6f0:4ff:fe4e:5b5" }] }, { "dad": "disable", "interface": "Vlan2" }], "ipv4_arp_timeout": 132, "ipv4_drop_neighbor_aging_time": 654, "ipv6_drop_neighbor_aging_time": 587, "ipv6_nd_cache_expiry": 140, "num_local_neigh": 555 } </pre>	After: "Not defined"	Errors: "No Error"
test_case_05.1	Passed	<pre> Input: { "ipv6_drop_neighbor_aging_time": 800, "ipv6_drop_neighbor_aging_time": 900 } </pre>	<pre> Commands: [{ "intf_ipv6_neighbors": [{ "adv_interval_option": true, "dad": "enable", "home_agent_lifetime": 8000, "interface": "Ethernet20" },], },] </pre>	<pre> Before: { "intf_ipv6_neighbors": [{ "dad": "disable", "interface": "Ethernet0" }, { "dad": "disable", "interface": "Ethernet4" }], "ipv4_arp_timeout": 132, "ipv4_drop_neighbor_aging_time": 654, "ipv6_drop_neighbor_aging_time": 587, "ipv6_nd_cache_expiry": 140, "num_local_neigh": 555 } </pre>	<pre> After: { "intf_ipv6_neighbors": [{ "dad": "disable", "interface": "Ethernet0" }, { "dad": "disable", "interface": "Ethernet4" }], } </pre>	Errors: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
			<pre> { "interface": "Vlan1", "interval": 1000, "ra_fast_retrans": true, "router_preference": "high", "suppress": true }, { "ipv4_arp_timeout": 132, "ipv4_drop_neighbor_aging_time": 654, "ipv6_drop_neighbor_aging_time": 587, "ipv6_nd_cache_expiry": 140, "num_local_neigh": 555, "state": "deleted" }, { "ipv4_drop_neighbor_aging_time": 800, "ipv6_drop_neighbor_aging_time": 900, "state": "replaced" } } </pre>	<pre> }, { "dad": "disable", "interface": "Ethernet8" }, { "dad": "disable", "interface": "Ethernet12" }, { "dad": "disable", "interface": "Ethernet16" }, { "adv_interval_option": true, "dad": "enable", "home_agent_lifetime": 8000, "interface": "Ethernet20" }, { "dad": "disable", "interface": "Ethernet24" }, { "dad": "disable", "interface": "Ethernet28" }, { "dad": "disable", "interface": "Ethernet32" }, { "dad": "disable", "interface": "Ethernet36" }, { "dad": "disable", "interface": "Ethernet40" }, { "dad": "disable", "interface": "Ethernet44" }, { "dad": "disable", "interface": "Ethernet48" }, { "dad": "disable", "interface": "Ethernet52" }, { "dad": "disable", "interface": "Ethernet56" }, { "dad": "disable", "interface": "Ethernet60" }, { "dad": "disable", "interface": "Ethernet64" }, { "dad": "disable", "interface": "Ethernet68" }, { "dad": "disable", "interface": "Ethernet72" }, { "dad": "disable", "interface": "Ethernet76" }, { "dad": "disable", "interface": "Ethernet80" }, { "dad": "disable", "interface": "Ethernet84" }, { "dad": "disable", "interface": "Ethernet88" }, { "dad": "disable", "interface": "Ethernet92" }, { "dad": "disable", "interface": "Ethernet96" }, { "dad": "disable", "interface": "Ethernet100" }, { "dad": "disable", "interface": "Ethernet104" }, { "dad": "disable", "interface": "Ethernet108" }, { "dad": "disable", "interface": "Ethernet112" }, { "dad": "disable", "interface": "Ethernet116" }, { "dad": "disable", "interface": "Ethernet120" }, { "dad": "disable", "interface": "Ethernet124" }, { "dad": "disable", "interface": "Ethernet128" }, { "dad": "disable", "interface": "Ethernet129" }, { "dad": "disable", "interface": "Management0", "neighbors": [{ "ip": "fe80::e6f0:4ff:fe4e:5b5" }] }, { "dad": "disable", "interface": "Vlan1" }, { "dad": "disable", "interface": "Vlan2" } } </pre>	<pre> }, { "dad": "disable", "interface": "Ethernet8" }, { "dad": "disable", "interface": "Ethernet12" }, { "dad": "disable", "interface": "Ethernet16" }, { "dad": "disable", "interface": "Ethernet20" }, { "dad": "disable", "interface": "Ethernet24" }, { "dad": "disable", "interface": "Ethernet28" }, { "dad": "disable", "interface": "Ethernet32" }, { "dad": "disable", "interface": "Ethernet36" }, { "dad": "disable", "interface": "Ethernet40" }, { "dad": "disable", "interface": "Ethernet44" }, { "dad": "disable", "interface": "Ethernet48" }, { "dad": "disable", "interface": "Ethernet52" }, { "dad": "disable", "interface": "Ethernet56" }, { "dad": "disable", "interface": "Ethernet60" }, { "dad": "disable", "interface": "Ethernet64" }, { "dad": "disable", "interface": "Ethernet68" }, { "dad": "disable", "interface": "Ethernet72" }, { "dad": "disable", "interface": "Ethernet76" }, { "dad": "disable", "interface": "Ethernet80" }, { "dad": "disable", "interface": "Ethernet84" }, { "dad": "disable", "interface": "Ethernet88" }, { "dad": "disable", "interface": "Ethernet92" }, { "dad": "disable", "interface": "Ethernet96" }, { "dad": "disable", "interface": "Ethernet100" }, { "dad": "disable", "interface": "Ethernet104" }, { "dad": "disable", "interface": "Ethernet108" }, { "dad": "disable", "interface": "Ethernet112" }, { "dad": "disable", "interface": "Ethernet116" }, { "dad": "disable", "interface": "Ethernet120" }, { "dad": "disable", "interface": "Ethernet124" }, { "dad": "disable", "interface": "Ethernet128" }, { "dad": "disable", "interface": "Ethernet129" }, { "dad": "disable", "interface": "Management0", "neighbors": [{ "ip": "fe80::e6f0:4ff:fe4e:5b5" }] }, { "dad": "disable", "interface": "Vlan1" }, { "dad": "disable", "interface": "Vlan2" } } </pre>	
test_case_05.2	Passed	<pre> Input: { "ipv4_drop_neighbor_aging_time": 800, "ipv6_drop_neighbor_aging_time": 900 } </pre>	<pre> Commands: [] </pre>	<pre> Before: { "intf_ipv6_neighbors": [{ "dad": "disable", "interface": "Ethernet0" }, { "dad": "disable", "interface": "Ethernet4" }, { "dad": "disable", "interface": "Ethernet8" }, { "dad": "disable", "interface": "Ethernet12" }, { "dad": "disable", "interface": "Ethernet16" }, { "dad": "disable", "interface": "Ethernet20" }, { "dad": "disable", "interface": "Ethernet24" }, { "dad": "disable", "interface": "Ethernet28" }, { "dad": "disable", "interface": "Ethernet32" }, { "dad": "disable", "interface": "Ethernet36" }, { "dad": "disable", "interface": "Ethernet40" }, { "dad": "disable", "interface": "Ethernet44" }, { "dad": "disable", "interface": "Ethernet48" }, { "dad": "disable", "interface": "Ethernet52" }, { "dad": "disable", "interface": "Ethernet56" }, { "dad": "disable", "interface": "Ethernet60" }, { "dad": "disable", "interface": "Ethernet64" }, { "dad": "disable", "interface": "Ethernet68" }, { "dad": "disable", "interface": "Ethernet72" }, { "dad": "disable", "interface": "Ethernet76" }, { "dad": "disable", "interface": "Ethernet80" }, { "dad": "disable", "interface": "Ethernet84" }, { "dad": "disable", "interface": "Ethernet88" }, { "dad": "disable", "interface": "Ethernet92" }, { "dad": "disable", "interface": "Ethernet96" }, { "dad": "disable", "interface": "Ethernet100" }, { "dad": "disable", "interface": "Ethernet104" }, { "dad": "disable", "interface": "Ethernet108" }, { "dad": "disable", "interface": "Ethernet112" }, { "dad": "disable", "interface": "Ethernet116" }, { "dad": "disable", "interface": "Ethernet120" }, { "dad": "disable", "interface": "Ethernet124" }, { "dad": "disable", "interface": "Ethernet128" }, { "dad": "disable", "interface": "Ethernet129" }, { "dad": "disable", "interface": "Management0", "neighbors": [{ "ip": "fe80::e6f0:4ff:fe4e:5b5" }] }, { "dad": "disable", "interface": "Vlan1" }, { "dad": "disable", "interface": "Vlan2" }] } </pre>	<pre> After: "Not defined" </pre>	<pre> Error: "No Error" </pre>

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre> "min_ra_interval": 120, "min_ra_interval_msec": 13000, "mtu": 825, "neighbors": [{ "ip": "2::2", "link_layer_address": "A2:B3:C4:C5:D6:4E" }, { "ip": "3::3", "link_layer_address": "B2:A1:F4:E5:F7:4E" }], "other_config": true, "ra_fast_retrans": true, "ra_hop_limit": 150, "ra_interval_msec": 190000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1900, "prefix": "2::2:2/2", "router_address": true, "valid_lifetime": 200000 }, { "no_autoconfig": false, "prefix": "4:4:4/4" }], "ra_retrans_interval": 900000, "rdns": [{ "address": "2:2:2:2", "valid_lifetime": 760000 }, { "address": "4:4:4:4", "valid_lifetime": 880000 }], "reachable_time": 600, "router_preference": "medium", "suppress": true }, { "interface": "Vlan2", "interval": 1000, "min_ra_interval_msec": 11000 }, { "ip4_arp_timeout": 120, "ip4_drop_neighbor_aging_time": 400, "ip4_drop_neighbor_aging_time": 600, "ip6_drop_neighbor_aging_time": 200, "ip6_md_cache_expiry": 200, "num_local_neigh": 340 } </pre>	<pre> } }, "home_agent_config": true, "home_agent_lifetime": 3000, "home_agent_preference": 13, "interface": "Vlan1", "interval": 900, "lifetime": 4000, "managed_config": true, "min_ra_interval": 120, "min_ra_interval_msec": 13000, "mtu": 825, "neighbors": [{ "ip": "2::2", "link_layer_address": "A2:B3:C4:C5:D6:4E" }, { "ip": "3::3", "link_layer_address": "B2:A1:F4:E5:F7:4E" }], "other_config": true, "ra_fast_retrans": true, "ra_hop_limit": 150, "ra_interval_msec": 190000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1900, "prefix": "2::2:2/2", "router_address": true, "valid_lifetime": 200000 }, { "no_autoconfig": false, "prefix": "4:4:4/4" }], "ra_retrans_interval": 900000, "rdns": [{ "address": "2:2:2:2", "valid_lifetime": 760000 }, { "address": "4:4:4:4", "valid_lifetime": 880000 }], "reachable_time": 600, "router_preference": "medium", "suppress": true }, { "interface": "Vlan2", "interval": 1000, "min_ra_interval_msec": 11000 }, { "ip4_arp_timeout": 120, "ip4_drop_neighbor_aging_time": 400, "ip4_drop_neighbor_aging_time": 600, "ip6_drop_neighbor_aging_time": 200, "ip6_md_cache_expiry": 200, "num_local_neigh": 340, "state": "overridden" } } </pre>	<pre> }, { "dad": "disable", "interface": "Ethernet92" }, { "dad": "disable", "interface": "Ethernet96" }, { "dad": "disable", "interface": "Ethernet100" }, { "dad": "disable", "interface": "Ethernet104" }, { "dad": "disable", "interface": "Ethernet108" }, { "dad": "disable", "interface": "Ethernet112" }, { "dad": "disable", "interface": "Ethernet116" }, { "dad": "disable", "interface": "Ethernet120" }, { "dad": "disable", "interface": "Ethernet124" }, { "dad": "disable", "interface": "Ethernet128" }, { "dad": "disable", "interface": "Ethernet129" }, { "dad": "disable", "interface": "Management0", "neighbors": [{ "ip": "fe80::e6f0:4ff:fe4e:5b5" }] }, { "dad": "disable", "interface": "Vlan1" }, { "dad": "disable", "interface": "Vlan2" }, { "ip4_arp_timeout": 132, "ip4_drop_neighbor_aging_time": 800, "ip6_drop_neighbor_aging_time": 900, "ip6_md_cache_expiry": 140, "num_local_neigh": 555 } } </pre>	<pre> }, { "dad": "disable", "interface": "Ethernet28" }, { "dad": "disable", "interface": "Ethernet32" }, { "dad": "disable", "interface": "Ethernet36" }, { "dad": "disable", "interface": "Ethernet40" }, { "dad": "disable", "interface": "Ethernet44" }, { "dad": "disable", "interface": "Ethernet48" }, { "dad": "disable", "interface": "Ethernet52" }, { "dad": "disable", "interface": "Ethernet56" }, { "dad": "disable", "interface": "Ethernet60" }, { "dad": "disable", "interface": "Ethernet64" }, { "dad": "disable", "interface": "Ethernet68" }, { "dad": "disable", "interface": "Ethernet72" }, { "dad": "disable", "interface": "Ethernet76" }, { "dad": "disable", "interface": "Ethernet80" }, { "dad": "disable", "interface": "Ethernet84" }, { "dad": "disable", "interface": "Ethernet88" }, { "dad": "disable", "interface": "Ethernet92" }, { "dad": "disable", "interface": "Ethernet96" }, { "dad": "disable", "interface": "Ethernet100" }, { "dad": "disable", "interface": "Ethernet104" }, { "dad": "disable", "interface": "Ethernet108" }, { "dad": "disable", "interface": "Ethernet112" }, { "dad": "disable", "interface": "Ethernet116" }, { "dad": "disable", "interface": "Ethernet120" }, { "dad": "disable", "interface": "Ethernet124" }, { "dad": "disable", "interface": "Ethernet128" }, { "dad": "disable", "interface": "Ethernet129" }, { "dad": "disable", "interface": "Management0", "neighbors": [{ "ip": "fe80::e6f0:4ff:fe4e:5b5" }] }, { "adv_interval_option": true, "dad": "enable", "rdns": [{ "name": "dell.com", "valid_lifetime": 3000 }, { "name": "xyz.com", "valid_lifetime": 2000 }], "home_agent_config": true, "home_agent_lifetime": 3000, "home_agent_preference": 13, "interface": "Vlan1", "interval": 900, "lifetime": 4000, "managed_config": true, "min_ra_interval": 120, "min_ra_interval_msec": 13000, "mtu": 825, "neighbors": [{ "ip": "2::2", "link_layer_address": "A2:B3:C4:C5:D6:4E" }, { "ip": "3::3", "link_layer_address": "B2:A1:F4:E5:F7:4E" }], "other_config": true, "ra_fast_retrans": true, "ra_hop_limit": 150, "ra_interval_msec": 190000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1900, "prefix": "2:2:2:2/2", "router_address": true, "valid_lifetime": 200000 }, { "no_autoconfig": false, "prefix": "4:4:4/4" }], "ra_retrans_interval": 900000, "rdns": [{ "address": "2:2:2:2", "valid_lifetime": 760000 }, { "address": "4:4:4:4", "valid_lifetime": 880000 }], "reachable_time": 600, "router_preference": "medium", "suppress": true }, { "dad": "disable", "interface": "Vlan2", "interval": 1000, "min_ra_interval_msec": 11000 }, { "ip4_arp_timeout": 120, "ip4_drop_neighbor_aging_time": 400, "ip4_drop_neighbor_aging_time": 600, "ip6_drop_neighbor_aging_time": 200, "ip6_md_cache_expiry": 200, "num_local_neigh": 340 } } </pre>	
test_case_06.2	Passed	<pre> Input: { "intf_ip6_neighbors": [{ "adv_interval_option": true, "dad": "enable", "rdns": [{ "name": "abc.com", "valid_lifetime": 1000 }] }] } </pre>	Commands: []	<pre> Before: { "intf_ip6_neighbors": [{ "dad": "disable", "interface": "Ethernet0" }, { "dad": "disable", "interface": "Ethernet4" }] } </pre>	After: 'Not defined'	Error: 'No Error'

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre> { "name": "dell.com", "valid_lifetime": 2000 } } "home_agent_config": true, "home_agent_lifetime": 2000, "home_agent_preference": 12, "interface": "Ethernet20", "interval": 800, "lifetime": 4500, "managed_config": true, "min_ra_interval": 110, "min_ra_interval_msec": 12000, "mtu": 725, "neighbors": [{ "ip": "1::1", "link_layer_address": "A1:B4:C5:C1:00:3E" }, { "ip": "4::4", "link_layer_address": "F1:E4:D5:C1:BB:3A" }] "other_config": true, "ra_fast_retrans": true, "ra_hop_limit": 148, "ra_interval_msec": 180000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1800, "prefix": "1::1:1/1", "router_address": true, "valid_lifetime": 100000 }, { "prefix": "2::2:2/2", "valid_lifetime": 200000 }] "ra_retrans_interval": 800000, "rdns": [{ "address": "1::1:1", "valid_lifetime": 750000 }, { "address": "2::2:2", "valid_lifetime": 660000 }] "reachable_time": 500, "router_preference": "low", "suppress": true }, { "interface": "Ethernet24", "interval": 1000, "min_ra_interval_msec": 13000 }, { "adv_interval_option": true, "dad": "enable", "dns": [{ "name": "xyz.com", "valid_lifetime": 2000 }, { "name": "dell.com", "valid_lifetime": 3000 }] } "home_agent_config": true, "home_agent_lifetime": 3000, "home_agent_preference": 13, "interface": "vlan1", "interval": 900, "lifetime": 4600, "managed_config": true, "min_ra_interval": 120, "min_ra_interval_msec": 13000, "mtu": 825, "neighbors": [{ "ip": "2::2", "link_layer_address": "A2:B3:C4:C5:06:4E" }, { "ip": "3::3", "link_layer_address": "B2:A1:F4:E5:F7:4E" }] "other_config": true, "ra_fast_retrans": true, "ra_hop_limit": 150, "ra_interval_msec": 190000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1900, "prefix": "2::2:2/2", "router_address": true, "valid_lifetime": 200000 }, { "no_autoconfig": false, "prefix": "4::4:4/4" }] "ra_retrans_interval": 900000, "rdns": [{ "address": "2:2:2:2", "valid_lifetime": 760000 }, { "address": "4:4:4:4", "valid_lifetime": 880000 }] "reachable_time": 600, "router_preference": "medium", "suppress": true }, { "interface": "vlan2", "interval": 1000, "min_ra_interval_msec": 11000 }], "ip4_grp_timeout": 120, "ip4_drop_neighbor_aging_time": 400, "ip6_drop_neighbor_aging_time": 600, "ip6_md_cache_expiry": 200, "num_local_mesh": 340 } </pre>		<pre> { "dad": "disable", "interface": "Ethernet8" }, { "dad": "disable", "interface": "Ethernet12" }, { "dad": "disable", "interface": "Ethernet16" }, { "adv_interval_option": true, "dad": "enable", "dns": [{ "name": "abc.com", "valid_lifetime": 1000 }, { "name": "dell.com", "valid_lifetime": 2000 }] } "home_agent_config": true, "home_agent_lifetime": 2000, "home_agent_preference": 12, "interface": "Ethernet20", "interval": 800, "lifetime": 4500, "managed_config": true, "min_ra_interval": 110, "min_ra_interval_msec": 12000, "mtu": 725, "neighbors": [{ "ip": "1::1", "link_layer_address": "A1:B4:C5:C1:00:3E" }, { "ip": "4::4", "link_layer_address": "F1:E4:D5:C1:BB:3A" }] "other_config": true, "ra_fast_retrans": true, "ra_hop_limit": 148, "ra_interval_msec": 180000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1800, "prefix": "1::1:1/1", "router_address": true, "valid_lifetime": 100000 }, { "prefix": "2::2:2/2", "valid_lifetime": 200000 }] "ra_retrans_interval": 800000, "rdns": [{ "address": "1::1:1", "valid_lifetime": 750000 }, { "address": "2::2:2", "valid_lifetime": 660000 }] "reachable_time": 500, "router_preference": "low", "suppress": true }, { "dad": "disable", "interface": "Ethernet24", "interval": 1000, "min_ra_interval_msec": 13000 }, { "dad": "disable", "interface": "Ethernet28" }, { "dad": "disable", "interface": "Ethernet32" }, { "dad": "disable", "interface": "Ethernet36" }, { "dad": "disable", "interface": "Ethernet40" }, { "dad": "disable", "interface": "Ethernet44" }, { "dad": "disable", "interface": "Ethernet48" }, { "dad": "disable", "interface": "Ethernet52" }, { "dad": "disable", "interface": "Ethernet56" }, { "dad": "disable", "interface": "Ethernet60" }, { "dad": "disable", "interface": "Ethernet64" }, { "dad": "disable", "interface": "Ethernet68" }, { "dad": "disable", "interface": "Ethernet72" }, { "dad": "disable", "interface": "Ethernet76" }, { "dad": "disable", "interface": "Ethernet80" }, { "dad": "disable", "interface": "Ethernet84" }, { "dad": "disable", "interface": "Ethernet88" }, { "dad": "disable", "interface": "Ethernet92" }, { "dad": "disable", "interface": "Ethernet96" }, { "dad": "disable", "interface": "Ethernet100" }, { "dad": "disable", "interface": "Ethernet104" }, { "dad": "disable", "interface": "Ethernet108" }, { "dad": "disable", "interface": "Ethernet112" }, { "dad": "disable", "interface": "Ethernet116" }, { "dad": "disable", "interface": "Ethernet120" }, { "dad": "disable", "interface": "Ethernet124" }, { "dad": "disable", "interface": "Ethernet128" }, { "dad": "disable", "interface": "Ethernet129" }, { "dad": "disable", "interface": "Management0", "neighbors": [{ "ip": "fe80::e9f0:4ff:fe4e:5b5" }] }, { "adv_interval_option": true, "dad": "enable", "dns": [{ "name": "dell.com", "valid_lifetime": 3000 }] } </pre>		

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre> num_local_neigh: 340 } </pre>	<pre> "ipv6_nd_cache_expiry": 200, "num_local_neigh": 340, "state": "deleted" } } </pre>	<pre> }, { "dad": "disable", "interface": "Ethernet72" }, { "dad": "disable", "interface": "Ethernet76" }, { "dad": "disable", "interface": "Ethernet80" }, { "dad": "disable", "interface": "Ethernet84" }, { "dad": "disable", "interface": "Ethernet88" }, { "dad": "disable", "interface": "Ethernet92" }, { "dad": "disable", "interface": "Ethernet96" }, { "dad": "disable", "interface": "Ethernet100" }, { "dad": "disable", "interface": "Ethernet104" }, { "dad": "disable", "interface": "Ethernet108" }, { "dad": "disable", "interface": "Ethernet112" }, { "dad": "disable", "interface": "Ethernet116" }, { "dad": "disable", "interface": "Ethernet120" }, { "dad": "disable", "interface": "Ethernet124" }, { "dad": "disable", "interface": "Ethernet128" }, { "dad": "disable", "interface": "Ethernet129" }, { "dad": "disable", "interface": "Management0", "neighbors": [{ "ip": "fe80::e6f0:4ff:fe4e:5a5" }] }, { "adv_interval_option": true, "dad": "enable", "dns1": [{ "name": "dell.com", "valid_lifetime": 3000 }, { "name": "xyz.com", "valid_lifetime": 2000 }], "home_agent_config": true, "home_agent_lifetime": 3000, "home_agent_preference": 13, "interface": "Vlan1", "interval": 900, "lifetime": 4000, "managed_config": true, "min_ra_interval": 120, "min_ra_interval_msec": 13000, "mtu": 825, "neighbors": [{ "ip": "2::2", "link_layer_address": "A2:B3:C4:C5:D6:4E" }, { "ip": "3::3", "link_layer_address": "B2:A1:F4:E5:F7:4E" }], "other_config": true, "ra_fast_retrans": true, "ra_hop_limit": 150, "ra_interval_msec": 190000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1900, "prefix": "2::2:2/2", "router_address": true, "valid_lifetime": 200000 }, { "no_autoconfig": false, "prefix": "4:4:4/4" }], "ra_retrans_interval": 900000, "rdns": [{ "address": "2:2::2:2", "valid_lifetime": 760000 }, { "address": "4:4:4:4", "valid_lifetime": 880000 }], "reachable_time": 600, "router_preference": "medium", "suppress": true }, { "dad": "disable", "interface": "Vlan2", "interval": 1000, "min_ra_interval_msec": 11000 }, }, { "ipv4_arp_timeout": 120, "ipv4_drop_neighbor_aging_time": 400, "ipv6_drop_neighbor_aging_time": 600, "ipv6_nd_cache_expiry": 200, "num_local_neigh": 340 } </pre>	<pre> "interface": "Ethernet116" }, { "dad": "disable", "interface": "Ethernet120" }, { "dad": "disable", "interface": "Ethernet124" }, { "dad": "disable", "interface": "Ethernet128" }, { "dad": "disable", "interface": "Ethernet129" }, { "dad": "disable", "interface": "Management0", "neighbors": [{ "ip": "fe80::e6f0:4ff:fe4e:5a5" }] }, { "dad": "disable", "dns1": [{ "name": "xyz.com" }], "interface": "Vlan1", "min_ra_interval_msec": 13000, "ra_prefixes": [{ "prefix": "2:2::2/2" }], "rdns": [{ "address": "2:2::2:2" }], "dad": "disable", "interface": "Vlan2", "interval": 1000 }, }, { "ipv4_arp_timeout": 180, "ipv4_drop_neighbor_aging_time": 300, "ipv6_drop_neighbor_aging_time": 300, "ipv6_nd_cache_expiry": 180, "num_local_neigh": 0 } </pre>	
test_case_07.2	Passed	<pre> Input: { "intf_ipv6_neighbors": [{ "adv_interval_option": true, "dad": "enable", "dns1": [{ "name": "abc.com", "valid_lifetime": 1000 }], "name": "dell.com" }], "home_agent_config": true, "home_agent_lifetime": 2000, "home_agent_preference": 12, "interface": "Ethernet20", "interval": 800, "lifetime": 4000, "managed_config": true, "min_ra_interval": 110, "mtu": 725, "neighbors": [{ "ip": "1::1", "link_layer_address": "A1:B4:C5:C1:00:3C" }, { "ip": "4::4" }], "other_config": true, "ra_fast_retrans": true, "ra_hop_limit": 140, "ra_interval_msec": 180000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1800, "prefix": "1:1::1/1", "router_address": true, "valid_lifetime": 100000 }, { "prefix": "2:2::2/2" }], "ra_retrans_interval": 800000, "rdns": [{ "address": "1:1::1:1", "valid_lifetime": 750000 }] } </pre>	Commands: []	<pre> Before: { "intf_ipv6_neighbors": [{ "dad": "disable", "interface": "Ethernet0" }, { "dad": "disable", "interface": "Ethernet4" }, { "dad": "disable", "interface": "Ethernet8" }, { "dad": "disable", "interface": "Ethernet12" }, { "dad": "disable", "interface": "Ethernet16" }, { "dad": "disable", "dns1": [{ "name": "abc.com" }], "interface": "Ethernet20", "min_ra_interval_msec": 12000, "ra_prefixes": [{ "prefix": "1:1::1/1" }], "rdns": [{ "address": "1:1::1:1" }] }, { "dad": "disable", "interface": "Ethernet24", "interval": 1000 }, { "dad": "disable", "interface": "Ethernet28" }, { "dad": "disable", "interface": "Ethernet32" }] } </pre>	After: "Not defined"	Errors: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception		
		<pre> }, { "address": "2:2::2:2" } }, { "reachable_time": 500, "router_preference": "low", "suppress": true }, }, }, "interface": "Ethernet24", "min_ra_interval_msec": 13000 }, }, { "adv_interval_option": true, "dad": "enable", "dnss1": [{ "name": "xyz.com", "valid_lifetime": 2000 }, { "name": "dell.com" }] }, }, "home_agent_config": true, "home_agent_lifetime": 3000, "home_agent_preference": 13, "interface": "Vlan1", "interval": 900, "lifetime": 4050, "managed_config": true, "min_ra_interval": 120, "mtu": 825, "neighbors": [{ "ip": "2:2:", "link_layer_address": "A2:B3:C4:C5:D6:4E" }, { "ip": "3:3:" }] }, "other_config": true, "ra_fast_retrans": true, "ra_hop_limit": 150, "ra_interval_msec": 190000, "ra_prefixes": [{ "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1900, "prefix": "2:2::2:2/2", "router_address": true, "valid_lifetime": 200000 }, { "prefix": "4:4::4:4/4" }], "ra_retrans_interval": 900000, "rdnss": [{ "address": "2:2::2:2", "valid_lifetime": 760000 }, { "address": "4:4::4:4" }], "reachable_time": 600, "router_preference": "medium", "suppress": true }, }, "interface": "Vlan2", "min_ra_interval_msec": 11000 }, }, }, "ipv4_arp_timeout": 120, "ipv4_drop_neighbor_aging_time": 400, "ipv6_drop_neighbor_aging_time": 600, "ipv6_md_cache_expiry": 200, "num_local_neigh": 340 } </pre>			<pre> }, { "dad": "disable", "interface": "Ethernet36" }, }, { "dad": "disable", "interface": "Ethernet40" }, }, { "dad": "disable", "interface": "Ethernet44" }, }, { "dad": "disable", "interface": "Ethernet48" }, }, { "dad": "disable", "interface": "Ethernet52" }, }, { "dad": "disable", "interface": "Ethernet56" }, }, { "dad": "disable", "interface": "Ethernet60" }, }, { "dad": "disable", "interface": "Ethernet64" }, }, { "dad": "disable", "interface": "Ethernet68" }, }, { "dad": "disable", "interface": "Ethernet72" }, }, { "dad": "disable", "interface": "Ethernet76" }, }, { "dad": "disable", "interface": "Ethernet80" }, }, { "dad": "disable", "interface": "Ethernet84" }, }, { "dad": "disable", "interface": "Ethernet88" }, }, { "dad": "disable", "interface": "Ethernet92" }, }, { "dad": "disable", "interface": "Ethernet96" }, }, { "dad": "disable", "interface": "Ethernet100" }, }, { "dad": "disable", "interface": "Ethernet104" }, }, { "dad": "disable", "interface": "Ethernet108" }, }, { "dad": "disable", "interface": "Ethernet112" }, }, { "dad": "disable", "interface": "Ethernet116" }, }, { "dad": "disable", "interface": "Ethernet120" }, }, { "dad": "disable", "interface": "Ethernet124" }, }, { "dad": "disable", "interface": "Ethernet128" }, }, { "dad": "disable", "interface": "Ethernet129" }, }, { "dad": "disable", "interface": "Management0", "neighbors": [{ "ip": "fe80::e0f0:4ff:fe4e:585" }] }, }, { "dad": "disable", "dnss1": [{ "name": "xyz.com" }], "interface": "Vlan1", "min_ra_interval_msec": 13000, "ra_prefixes": [{ "prefix": "2:2::2:2/2" }], "rdnss": [{ "address": "2:2::2:2" }] }, }, { "dad": "disable", "interface": "Vlan2", "interval": 1000 }, }, }, }, "ipv4_arp_timeout": 180, "ipv4_drop_neighbor_aging_time": 300, "ipv6_drop_neighbor_aging_time": 300, "ipv6_md_cache_expiry": 180, "num_local_neigh": 0 } </pre>			
test_case_08.1	Passed	Input: {}	<pre> Commands: [{ "intf_ipv6_neighbors": [{ "dnss1": [{ "name": "abc.com" }], "interface": "Ethernet20", "min_ra_interval_msec": 12000, "ra_prefixes": [{ "prefix": "1:1::1:1/1" }], "rdnss": [{ "address": "1:1::1:1" }] }, { "interface": "Ethernet24", "interval": 1000 }, { "dnss1": [{ "name": "xyz.com" }], "interface": "Vlan1", "min_ra_interval_msec": 13000, "ra_prefixes": [{ "prefix": "2:2::2:2/2" }], "rdnss": [{ "address": "2:2::2:2" }] }, { "interface": "Vlan2", "interval": 1000 }], "state": "deleted" }] </pre>	<pre> Before: { "intf_ipv6_neighbors": [{ "dad": "disable", "interface": "Ethernet0" }, { "dad": "disable", "interface": "Ethernet4" }, { "dad": "disable", "interface": "Ethernet8" }, { "dad": "disable", "interface": "Ethernet12" }, { "dad": "disable", "interface": "Ethernet16" }, { "dad": "disable", "dnss1": [{ "name": "abc.com" }], "interface": "Ethernet20", "min_ra_interval_msec": 12000, "ra_prefixes": [{ "prefix": "1:1::1:1/1" }], "rdnss": [{ "address": "1:1::1:1" }] }, { "dad": "disable", "interface": "Ethernet24", "interval": 1000 }, { "dad": "disable", "interface": "Ethernet28" }, { "dad": "disable", "interface": "Ethernet32" }, { "dad": "disable", "interface": "Ethernet36" }, { "dad": "disable", "interface": "Ethernet40" }, { "dad": "disable", "interface": "Ethernet44" }, { "dad": "disable", "interface": "Ethernet48" }, { "dad": "disable", "interface": "Ethernet52" }, { "dad": "disable", "interface": "Ethernet56" }, { "dad": "disable", "interface": "Ethernet60" }] } </pre>	<pre> After: { "intf_ipv6_neighbors": [{ "dad": "disable", "interface": "Ethernet0" }, { "dad": "disable", "interface": "Ethernet4" }, { "dad": "disable", "interface": "Ethernet8" }, { "dad": "disable", "interface": "Ethernet12" }, { "dad": "disable", "interface": "Ethernet16" }, { "dad": "disable", "interface": "Ethernet20" }, { "dad": "disable", "interface": "Ethernet24" }, { "dad": "disable", "interface": "Ethernet28" }, { "dad": "disable", "interface": "Ethernet32" }, { "dad": "disable", "interface": "Ethernet36" }, { "dad": "disable", "interface": "Ethernet40" }, { "dad": "disable", "interface": "Ethernet44" }, { "dad": "disable", "interface": "Ethernet48" }, { "dad": "disable", "interface": "Ethernet52" }, { "dad": "disable", "interface": "Ethernet56" }, { "dad": "disable", "interface": "Ethernet60" }] } </pre>	Error: "No Error"		

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "interface": "Ethernet44" }, { "dad": "disable", "interface": "Ethernet48" }, { "dad": "disable", "interface": "Ethernet52" }, { "dad": "disable", "interface": "Ethernet56" }, { "dad": "disable", "interface": "Ethernet60" }, { "dad": "disable", "interface": "Ethernet64" }, { "dad": "disable", "interface": "Ethernet68" }, { "dad": "disable", "interface": "Ethernet72" }, { "dad": "disable", "interface": "Ethernet76" }, { "dad": "disable", "interface": "Ethernet80" }, { "dad": "disable", "interface": "Ethernet84" }, { "dad": "disable", "interface": "Ethernet88" }, { "dad": "disable", "interface": "Ethernet92" }, { "dad": "disable", "interface": "Ethernet96" }, { "dad": "disable", "interface": "Ethernet100" }, { "dad": "disable", "interface": "Ethernet104" }, { "dad": "disable", "interface": "Ethernet108" }, { "dad": "disable", "interface": "Ethernet112" }, { "dad": "disable", "interface": "Ethernet116" }, { "dad": "disable", "interface": "Ethernet120" }, { "dad": "disable", "interface": "Ethernet124" }, { "dad": "disable", "interface": "Ethernet128" }, { "dad": "disable", "interface": "Ethernet129" }, { "dad": "disable", "interface": "Ethernet116" }, { "dad": "disable", "interface": "Management0", "neighbors": [{ "ip": "fe80::e6f0:4ff:fe4e:5b5" }] }, { "dad": "disable", "interface": "Ethernet124" }, { "dad": "disable", "interface": "Ethernet128" }, { "dad": "disable", "interface": "Ethernet129" }, { "dad": "disable", "interface": "Management0", "neighbors": [{ "ip": "fe80::e6f0:4ff:fe4e:5b5" }] }, { "dad": "disable", "dns": [{ "name": "xyz.com" }], "interface": "Vlan1", "min_ra_interval_msec": 13000, "ra_prefixes": [{ "prefix": "2::2::2/2" }], "rdns": [{ "address": "2::2::2" }] }, { "dad": "disable", "interface": "Vlan2", "interval": 1000 }, }, { "ip4_arp_timeout": 180, "ip4_drop_neighbor_aging_time": 300, "ip6_drop_neighbor_aging_time": 300, "ip6_md_cache_expiry": 180, "num_local_neigh": 0 } </pre>	<pre> }, { "dad": "disable", "interface": "Ethernet64" }, { "dad": "disable", "interface": "Ethernet68" }, { "dad": "disable", "interface": "Ethernet72" }, { "dad": "disable", "interface": "Ethernet76" }, { "dad": "disable", "interface": "Ethernet80" }, { "dad": "disable", "interface": "Ethernet84" }, { "dad": "disable", "interface": "Ethernet88" }, { "dad": "disable", "interface": "Ethernet92" }, { "dad": "disable", "interface": "Ethernet96" }, { "dad": "disable", "interface": "Ethernet100" }, { "dad": "disable", "interface": "Ethernet104" }, { "dad": "disable", "interface": "Ethernet108" }, { "dad": "disable", "interface": "Ethernet112" }, { "dad": "disable", "interface": "Ethernet116" }, { "dad": "disable", "interface": "Ethernet120" }, { "dad": "disable", "interface": "Ethernet124" }, { "dad": "disable", "interface": "Ethernet128" }, { "dad": "disable", "interface": "Ethernet129" }, { "dad": "disable", "interface": "Management0", "neighbors": [{ "ip": "fe80::e6f0:4ff:fe4e:5b5" }] }, { "dad": "disable", "interface": "Vlan1" }, { "dad": "disable", "interface": "Vlan2" }, }, { "ip4_arp_timeout": 180, "ip4_drop_neighbor_aging_time": 300, "ip6_drop_neighbor_aging_time": 300, "ip6_md_cache_expiry": 180, "num_local_neigh": 0 } </pre>	
test_case_08.2	Passed	Input: {}	Commands: []	<pre> Before: { intf_ip6_neighbors: [{ "dad": "disable", "interface": "Ethernet0" }, { "dad": "disable", "interface": "Ethernet4" }, { "dad": "disable", "interface": "Ethernet8" }, { "dad": "disable", "interface": "Ethernet12" }, { "dad": "disable", "interface": "Ethernet16" }, { "dad": "disable", "interface": "Ethernet20" }, { "dad": "disable", "interface": "Ethernet24" }, { "dad": "disable", "interface": "Ethernet28" }, { "dad": "disable", "interface": "Ethernet32" }, { "dad": "disable", "interface": "Ethernet36" }, { "dad": "disable", "interface": "Ethernet40" }, { "dad": "disable", "interface": "Ethernet44" }, { "dad": "disable", "interface": "Ethernet48" }, { "dad": "disable", "interface": "Ethernet52" }, { "dad": "disable", "interface": "Ethernet56" }, { "dad": "disable", "interface": "Ethernet60" }, { "dad": "disable", "interface": "Ethernet64" }, { "dad": "disable", "interface": "Ethernet68" }, { "dad": "disable", </pre>	After: "Not defined"	Errors: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "interface": "Ethernet72" }, { "dad": "disable", "interface": "Ethernet76" }, { "dad": "disable", "interface": "Ethernet80" }, { "dad": "disable", "interface": "Ethernet84" }, { "dad": "disable", "interface": "Ethernet88" }, { "dad": "disable", "interface": "Ethernet92" }, { "dad": "disable", "interface": "Ethernet96" }, { "dad": "disable", "interface": "Ethernet100" }, { "dad": "disable", "interface": "Ethernet104" }, { "dad": "disable", "interface": "Ethernet108" }, { "dad": "disable", "interface": "Ethernet112" }, { "dad": "disable", "interface": "Ethernet116" }, { "dad": "disable", "interface": "Ethernet120" }, { "dad": "disable", "interface": "Ethernet124" }, { "dad": "disable", "interface": "Ethernet128" }, { "dad": "disable", "interface": "Ethernet132" }, { "dad": "disable", "interface": "Management0", "neighbors": [{ "ip": "fe80::e0f0:4ff:fe4e:585" }] }, { "dad": "disable", "interface": "Vlan1" }, { "dad": "disable", "interface": "Vlan2" } }, "ipv4_arp_timeout": 180, "ipv4_drop_neighbor_sping_time": 300, "ipv6_drop_neighbor_sping_time": 300, "ipv6_nd_cache_expiry": 180, "num_local_neigh": 0 } </pre>		

Testcase Complete Summary: Total: 16, Passed: 16, Failed: 0