

**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: {     "int_ipv6_neighbors": [         {             "adv_interval_option": true,             "dad": "enable",             "dnsll": [                 {                     "name": "abc.com",                     "valid_lifetime": 1000                 }             ],             "home_agent_config": true,             "home_agent_lifetime": 2000,             "home_agent_interface": 12,             "interface": "Ethernet20",             "interval": 800,             "life_time": 900,             "managed_config": true,             "min_ra_interval_usec": 110,             "min_ra_retrans_usec": 12000,             "mtu": 725,             "neighbors": [                 {                     "ip": "1::1",                     "link_layer_address": "AI:B4:C5:C1:D0:3E"                 }             ],             "other_config": true,             "ra_fast_retrans": true,             "ra_hop_limit": 148,             "ra_interval_usec": 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,             "rdnsll": [                 {                     "address": "1::1::1",                     "valid_lifetime": 750000                 }             ],             "reachable_time": 500,             "router_preference": "low",             "suppress": true         },         {             "adv_interval_option": true,             "dad": "enable",             "dnsll": [                 {                     "name": "xyz.com",                     "valid_lifetime": 2000                 }             ],             "home_agent_config": true,             "home_agent_lifetime": 3000,             "home_agent_preference": 13,             "interface": "Vlan1",             "interval": 900,             "life_time": 900,             "managed_config": true,             "min_ra_interval_usec": 120,             "min_ra_retrans_usec": 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_usec": 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,             "rdnsll": [                 {                     "address": "2::2:2/2",                     "valid_lifetime": 760000                 }             ],             "reachable_time": 600,             "router_preference": "medium",             "suppress": true         },         {             "ip": "128.0.0.128",             "ipv4_dhcp_neigh_timeout": 120,             "ipv4_drop_neighbor_aging_time": 400,             "ipv6_drop_neighbor_aging_time": 600,             "ipv6_nd_cache_expiry": 200,             "num_local_neigh": 340,             "state": "merged"         }     ] }</pre>	<pre>Commands: [     {         "int_ipv6_neighbors": [             {                 "adv_interval_option": true,                 "dad": "enable",                 "dnsll": [                     {                         "name": "abc.com",                         "valid_lifetime": 1000                     }                 ],                 "home_agent_config": true,                 "home_agent_lifetime": 2000,                 "home_agent_interface": 12,                 "interface": "Ethernet20",                 "interval": 800,                 "life_time": 900,                 "managed_config": true,                 "min_ra_interval_usec": 110,                 "min_ra_retrans_usec": 12000,                 "mtu": 725,                 "neighbors": [                     {                         "ip": "1::1",                         "link_layer_address": "AI:B4:C5:C1:D0:3E"                     }                 ],                 "other_config": true,                 "ra_fast_retrans": true,                 "ra_hop_limit": 148,                 "ra_interval_usec": 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,                 "rdnsll": [                     {                         "address": "1::1::1",                         "valid_lifetime": 750000                     }                 ],                 "reachable_time": 500,                 "router_preference": "low",                 "suppress": true             },             {                 "adv_interval_option": true,                 "dad": "enable",                 "dnsll": [                     {                         "name": "xyz.com",                         "valid_lifetime": 2000                     }                 ],                 "home_agent_config": true,                 "home_agent_lifetime": 3000,                 "home_agent_preference": 13,                 "interface": "Vlan1",                 "interval": 900,                 "life_time": 900,                 "managed_config": true,                 "min_ra_interval_usec": 120,                 "min_ra_retrans_usec": 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_usec": 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,                 "rdnsll": [                     {                         "address": "2::2:2/2",                         "valid_lifetime": 760000                     }                 ],                 "reachable_time": 600,                 "router_preference": "medium",                 "suppress": true             },             {                 "ip": "128.0.0.128",                 "ipv4_dhcp_neigh_timeout": 120,                 "ipv4_drop_neighbor_aging_time": 400,                 "ipv6_drop_neighbor_aging_time": 600,                 "ipv6_nd_cache_expiry": 200,                 "num_local_neigh": 340,                 "state": "merged"             }         ]     } ]</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"         },         {             "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"         },         {             "ip": "fe80::e6f0:4fff:fe4e:b5b"         }     ],     "other_config": true,     "ra_fast_retrans": true,     "ra_hop_limit": 148,     "ra_interval_usec": 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,     "rdnsll": [         {             "address": "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"     },     {         "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"     } ]</pre>	Error: "No Error"	

Testcase name	Status	User Input	Commands	Before	After	Module exception
				<pre> "interface": "Ethernet124" }, { "dad": "disable", "interface": "Ethernet128" }, { "dad": "disable", "interface": "Ethernet129" }, { "dad": "disable", "interface": "Management0", "neighbors": [ { "ip": "fe80::e6f0:4ff:fed4:5b5" } ] }, { "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, "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": 148, "ra_link_layer_address": 180000, "ra_prefixes": [ { "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1800, "prefix": "2::2/2", "router_address": true, "valid_lifetime": 100000 } ], "ra_retrans_interval": 800000, "rdns": [ { "address": "1::1", "valid_lifetime": 750000 } ], "reachable_time": 500, "router_preference": "low", "suppress": true }, { "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, "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_link_layer_address": 180000, "ra_prefixes": [ { "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1900, "prefix": "2::2/2", "router_address": true, "valid_lifetime": 200000 } ], "ra_retrans_interval": 900000, "rdns": [ { "address": "2::2", "valid_lifetime": 760000 } ], "reachable_time": 600, "router_preference": "medium", "suppress": true }, { "dad": "disable", "interface": "Vlan2" } ], "ipv4_arp_timeout": 120, "ipv4_drop_neighor_aging_time": 400, "ipv4_drop_neighor_gating_time": 600, "ipv6_nd_cache_expiry": 200, "num_local_neigh": 340 } </pre>	<pre> "interface": "Ethernet124" }, { "dad": "disable", "interface": "Ethernet128" }, { "dad": "disable", "interface": "Ethernet129" }, { "dad": "disable", "interface": "Management0", "neighbors": [ { "ip": "fe80::e6f0:4ff:fed4:5b5" } ] }, { "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, "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_link_layer_address": 190000, "ra_prefixes": [ { "no_autoconfig": true, "off_link": true, "preferred_lifetime": 1900, "prefix": "2::2/2", "router_address": true, "valid_lifetime": 190000 } ], "ra_retrans_interval": 900000, "rdns": [ { "address": "2::2", "valid_lifetime": 760000 } ], "reachable_time": 600, "router_preference": "medium", "suppress": true }, { "dad": "disable", "interface": "Vlan2" } ], "ipv4_arp_timeout": 120, "ipv4_drop_neighor_aging_time": 400, "ipv4_drop_neighor_gating_time": 600, "ipv6_nd_cache_expiry": 200, "num_local_neigh": 340 } </pre>	
test_case_01.2	Passed	<pre> Input: {   "int_ipv6_neighbors": [     {       "adv_interval_option": true,       "dad": "enable",       "dns": [         {           "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": 148,       "ra_link_layer_address": 180000,       "ra_prefixes": [         {           "no_autoconfig": true,           "off_link": true,           "preferred_lifetime": 1800,           "prefix": "1::1/1",           "router_address": true,           "valid_lifetime": 100000         }       ],       "ra_retrans_interval": 800000,       "rdns": [         {           "address": "1::1",           "valid_lifetime": 750000         }       ],       "reachable_time": 500,       "router_preference": "low",       "suppress": true     },     {       "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,       "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_link_layer_address": 180000,       "ra_prefixes": [         {           "no_autoconfig": true,           "off_link": true,           "preferred_lifetime": 1900,           "prefix": "2::2/2",           "router_address": true,           "valid_lifetime": 200000         }       ],       "ra_retrans_interval": 900000,       "rdns": [         {           "address": "2::2",           "valid_lifetime": 760000         }       ],       "reachable_time": 600,       "router_preference": "medium",       "suppress": true     }   ],   "ipv4_arp_timeout": 120,   "ipv4_drop_neighor_aging_time": 400,   "ipv4_drop_neighor_gating_time": 600,   "ipv6_nd_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"     },     {       "dad": "enable",       "dns": [         {           "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": 148,       "ra_link_layer_address": 180000,       "ra_prefixes": [         {           "no_autoconfig": true,           "off_link": true,           "preferred_lifetime": 1800,           "prefix": "1::1/1",           "router_address": true,           "valid_lifetime": 100000         }       ],       "ra_retrans_interval": 800000,       "rdns": [         {           "address": "1::1",           "valid_lifetime": 750000         }       ],       "reachable_time": 500,       "router_preference": "low",       "suppress": 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,       "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_link_layer_address": 180000,       "ra_prefixes": [         {           "no_autoconfig": true,           "off_link": true,           "preferred_lifetime": 1900,           "prefix": "2::2/2",           "router_address": true,           "valid_lifetime": 200000         }       ],       "ra_retrans_interval": 900000,       "rdns": [         {           "address": "2::2",           "valid_lifetime": 760000         }       ],       "reachable_time": 600,       "router_preference": "medium",       "suppress": true     }   ],   "ipv4_arp_timeout": 120,   "ipv4_drop_neighor_aging_time": 400,   "ipv4_drop_neighor_gating_time": 600,   "ipv6_nd_cache_expiry": 200,   "num_local_neigh": 340 } </pre>	<pre> After: "Not defined" </pre>	Error: "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": "Ethernet129" }, {   "dad": "disable",   "interface": "Management0" }, "neighbors": [   {     "ip": "fe80::e6f0:4ff:fe4e:5b5"   } ], {   "adv_interval_option": true,   "dad": "enable",   "dnsll": [     {       "name": "xyz.com",       "valid_lifetime": 2000     }   ],   "home_agent_config": true,   "home_agent_lifetime": 30000,   "home_agent_preference": 13,   "interface": "Vlan1",   "interval": 1000,   "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_nsec": 100000,   "ra_prefixes": [     {       "no_autoconfig": true,       "off_link": true,       "preferred_lifetime": 1900,       "prefix": "2::2:2/2",       "valid_lifetime": 200000     }   ],   "ra_retrans_interval": 900000,   "rdns": [     {       "address": "2::2:2",       "valid_lifetime": 760000     }   ],   "reachable_time": 600,   "route_preference": "medium",   "suppress": true }, {   "dad": "disable",   "interface": "Vlan2" }, {   "ipv4_arp_timeout": 120,   "ipv4_drop_neigh_on_giving_time": 400,   "ipv4_nd_neighbor_giving_time": 600,   "ipv6_nd_cache_expiry": 200,   "num_local_neigh": 340 } ] </pre>		
test_case_02.1	Passed	Input: {   "intf_ipv6_neighbors": [     {       "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": 168,   "ra_interval_nsec": 170000,   "ra_prefixes": [     {       "no_autoconfig": false,       "off_link": false,       "preferred_lifetime": 1890,       "prefix": "1::1:1/1",       "router_address": false,       "valid_lifetime": 12000     }   ],   "ra_retrans_interval": 876000,   "rdns": [     {       "address": "1::1:1",       "valid_lifetime": 880000     }   ],   "reachable_time": 975,   "router_preference": "high",   "suppress": false }, {   "dad": "disable_ipv6_on_failure",   "dnsll": [     {       "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_nsec": 195000,   "ra_retrans_interval": 876000,   "rdns": [     {       "address": "1::2:2",       "valid_lifetime": 880000     }   ],   "reachable_time": 975,   "router_preference": "low",   "suppress": true } ]	Commands: [   {     "intf_ipv6_neighbors": [       {         "name": "abc.com",         "valid_lifetime": 2200       }     ],     "other_config": false,     "ra_fast_retrans": false,     "ra_hop_limit": 168,     "ra_interval_nsec": 170000,     "ra_prefixes": [       {         "no_autoconfig": false,         "off_link": false,         "preferred_lifetime": 1890,         "prefix": "1::1:1/1",         "router_address": false,         "valid_lifetime": 12000       }     ],     "ra_retrans_interval": 876000,     "rdns": [       {         "address": "1::1:1",         "valid_lifetime": 880000       }     ],     "reachable_time": 975,     "router_preference": "high",     "suppress": false   },   {     "dad": "disable_ipv6_on_failure",     "dnsll": [       {         "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_nsec": 195000,     "ra_retrans_interval": 876000,     "rdns": [       {         "address": "1::2:2",         "valid_lifetime": 880000       }     ],     "reachable_time": 975,     "router_preference": "low",     "suppress": true   } ]	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",     "dnsll": [       {         "name": "xyz.com",         "valid_lifetime": 2000       }     ]   },   {     "home_agent_config": true,     "home_agent_lifetime": 30000,     "home_agent_preference": 13,     "interface": "Vlan1",     "interval": 1000,     "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_nsec": 100000,     "ra_prefixes": [       {         "no_autoconfig": true,         "off_link": true,         "preferred_lifetime": 1900,         "prefix": "2::2:2/2",         "valid_lifetime": 200000       }     ],     "ra_retrans_interval": 900000,     "rdns": [       {         "address": "2::2:2",         "valid_lifetime": 760000       }     ],     "reachable_time": 600,     "route_preference": "medium",     "suppress": true   },   {     "dad": "disable",     "interface": "Vlan2"   },   {     "ipv4_arp_timeout": 120,     "ipv4_drop_neigh_on_giving_time": 400,     "ipv4_nd_neighbor_giving_time": 600,     "ipv6_nd_cache_expiry": 200,     "num_local_neigh": 340   } ]	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": false,     "dad": "disable",     "dnsll": [       {         "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": true,     "ra_fast_retrans": false,     "ra_hop_limit": 168,     "ra_interval_nsec": 170000,     "ra_prefixes": [       {         "no_autoconfig": false,         "off_link": false,         "preferred_lifetime": 1890,         "prefix": "1::1:1/1",         "router_address": false,         "valid_lifetime": 120000       }     ],     "ra_retrans_interval": 876000,     "rdns": [       {         "address": "1::1:1",         "valid_lifetime": 880000       }     ],     "reachable_time": 975,     "router_preference": "high",     "suppress": false   },   {     "dad": "disable",     "interface": "Ethernet24"   },   {     "dad": "disable",     "interface": "Ethernet28"   } ]	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": "2::2:2/2",         "router_address": false,         "valid_lifetime": 303030     } ], "ra_retrans_interval": 899000, "rdns": [     {         "address": "7::7:7::7",         "valid_lifetime": 8800000     } ], "reachable_time": 800, "router_preference": "low", "suppress": false }, {     "ipv4_dad_timeout": 122,     "ipv4_drop_neighbor_aging_time": 654,     "ipv6_drop_neighbor_aging_time": 587,     "ipv6_nd_cache_expiry": 140,     "num_local_neigh": 555,     "state": "merged" } ] } </pre>	<pre> "ra_interval_msec": 195000, "ra_prefixes": [     {         "no_autoconfig": false,         "off_link": false,         "preferred_lifetime": 1400,         "prefix": "2::2:2/2",         "router_address": false,         "valid_lifetime": 303030     } ], "ra_retrans_interval": 899000, "rdns": [     {         "address": "7::7:7::7",         "valid_lifetime": 8800000     } ], "reachable_time": 800, "router_preference": "low", "suppress": false }, {     "ipv4_dad_timeout": 122,     "ipv4_drop_neighbor_aging_time": 654,     "ipv6_drop_neighbor_aging_time": 587,     "ipv6_nd_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": "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",     "dnsll": [         {             "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": 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": false,             "valid_lifetime": 200000         }     ],     "ra_retrans_interval": 900000,     "rdns": [         {             "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_nd_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": "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",     "dnsll": [         {             "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::1",             "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": 150,     "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         }     ],     "ra_retrans_interval": 899000,     "rdns": [         {             "address": "2::2:2/2",             "valid_lifetime": 760000         }     ],     "reachable_time": 800,     "router_preference": "low",     "suppress": false }, {     "dad": "disable",     "interface": "Vlan2" } ], "ipv4_arp_timeout": 120, "ipv4_drop_neighbor_aging_time": 654, "ipv6_drop_neighbor_aging_time": 587, "ipv6_nd_cache_expiry": 140, "num_local_neigh": 355 } ] } </pre>	<pre> "not defined" </pre>	<pre> "No Error" </pre>
test_case_02.2	Passed	<pre> "intf_ipv6_neighbors": [     {         "adv_interval_option": false,         "dnsll": [             {                 "name": "abc.com",                 "valid_lifetime": 2200             }         ],         "home_agent_config": false,         "home_agent_lifetime": 1300     } ] } </pre>	<pre> Commands: [] </pre>	<pre> Before: [     {         "intf_ipv6_neighbors": [             {                 "dad": "disable",                 "interface": "Ethernet0"             },             {                 "dad": "disable",                 "interface": "Ethernet4"             },             {                 "dad": "disable",                 "interface": "Ethernet8"             }         ]     } ] </pre>	<pre> After: [     {         "intf_ipv6_neighbors": [             {                 "dad": "disable",                 "interface": "Ethernet0"             },             {                 "dad": "disable",                 "interface": "Ethernet4"             },             {                 "dad": "disable",                 "interface": "Ethernet8"             }         ]     } ] </pre>	<pre> Error: "No Error" </pre>	

Testcase name	Status	User Input	Commands	Before	After	Module exception
		<pre> "home_agent_preference": 144, "interface": "Ethernet20", "interval": 17000, "lifetime": 5600, "managed_config": false, "min_ra_interval": 130, "min_ra_interval_msec": 12500, "mtu": 776, "neighbors": [     {         "ip": "1::1",         "link_layer_address": "A5:B4:C3:C2:00:31"     } ], "other_config": false, "ra_fast_retrans": false, "ra_hop_limit": 168, "ra_interval_msec": 170000, "ra_prefixes": [     {         "autoconfig": false,         "off_link": false,         "prefix": "1::1::1",         "router_address": false,         "valid_lifetime": 12000     } ], "ra_retrans_interval": 876000, "rdns": [     {         "address": "1::1::1",         "valid_lifetime": 880000     } ], "reachable_time": 975, "router_preference": "high", "suppress": false }, { "dad": "disable_ipv6_on_failure", "dnss": [     {         "name": "123.com",         "valid_lifetime": 57643     } ], "home_agent_config": false, "home_agent_lifetime": 4000, "home_agent_preference": 14, "interface": "Vlan1", "interval": 99000, "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, "ra_prefixes": [     {         "autoconfig": false,         "off_link": false,         "prefix": "75::5:5::5",         "router_address": false,         "valid_lifetime": 30000     } ], "ra_retrans_interval": 899000, "rdns": [     {         "address": "75::7:7",         "valid_lifetime": 8800000     } ], "reachable_time": 800, "router_preference": "low", "suppress": false } ], "ipv4 arp_timeout": 132, "ipv4 drop_neighbor_aging_time": 654, "ipv6_dra_neighbor_aging_time": 587, "ipv6_nd_cache_expire": 140, "num_local_neigh": 555 } ] } </pre>	<pre> }, {     "dad": "disable",     "interface": "Ethernet12" }, {     "dad": "disable",     "interface": "Ethernet16" }, {     "adv_interval_option": false,     "dad": "enable",     "dnss": [         {             "name": "abc.com",             "valid_lifetime": 2200         }     ],     "home_agent_config": false,     "home_agent_lifetime": 3300,     "home_agent_preference": 144,     "interface": "Ethernet20",     "interval": 17000,     "lifetime": 5600,     "managed_config": false,     "min_ra_interval": 130,     "min_ra_interval_msec": 12500,     "mtu": 776,     "neighbors": [         {             "ip": "1::1",             "link_layer_address": "A5:B4:C3:C2:00:31"         }     ],     "other_config": false,     "ra_fast_retrans": false,     "ra_hop_limit": 168,     "ra_interval_msec": 170000,     "ra_prefixes": [         {             "no_autoconfig": false,             "off_link": false,             "prefix": "1::1::1",             "router_address": false,             "valid_lifetime": 12000         }     ],     "ra_retrans_interval": 876000,     "rdns": [         {             "address": "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::e6f0:4fff:fe4e:5b5"         }     ] }, {     "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": 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,     "ra_prefixes": [         {             "autoconfig": false,             "off_link": false,             "prefix": "75::5:5::5",             "router_address": false,             "valid_lifetime": 30000         }     ],     "ra_retrans_interval": 899000,     "rdns": [         {             "address": "75::7:7",             "valid_lifetime": 8800000         }     ],     "reachable_time": 800,     "router_preference": "low",     "suppress": false } ] } </pre>			

Testcase name	Status	User Input	Commands	Before	After	Module exception	
				<pre>         "link_layer_address": "A2:B3:C4:C5:D6:4E"       }     },     "other_config": false,     "ra_fast_retrans": false,     "ra_hop_limit": 124,     "ra_interval_usec": 195000,     "ra_prefixes": [       {         "no_autoconfig": true,         "off_link": true,         "preferred_lifetime": 1900,         "prefix": "2:2::2:2/2",         "router_address": false,         "valid_lifetime": 200000       },       {         "no_autoconfig": false,         "off_link": false,         "preferred_lifetime": 1400,         "prefix": "2:2::2:2/2",         "router_address": false,         "valid_lifetime": 303030       }     ],     "ra_retrans_interval": 8990000,     "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"   },   {     "ipv4_gw_timeout": 132,     "ipv4_drop_neighbor_aging_time": 654,     "ipv4_drop_neighbor_aging_time": 587,     "ipv4_nd_cache_expiry": 140,     "num_local_neigh": 593   } ] </pre>			
test_case_03.1	Passed	Input: { "intf_ipv6_neighbors": [ {"interface": "Ethernet20", "neighbors": [ {"ip": "1::1", "link_layer_address": "01: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:D0:E4:F5"} ], "ra_prefixes": [ {"no_autoconfig": true, "prefix": "5::5::5::5/5"} ], "rdns": [ {"address": "7:7::7:7", "valid_lifetime": 38000} ] ] }	Commands: [ {"intf_ipv6_neighbors": [ {"interface": "Ethernet20", "neighbors": [ {"ip": "1::1", "link_layer_address": "A5:B4:C3:C2:D0:31"} ] ], "ra_prefixes": [ {"no_autoconfig": false, "off_link": false, "preferred_lifetime": 1890, "prefix": "1::1::1/1", "router_address": false, "valid_lifetime": 12000} ], "rdns": [ {"address": "1::1::1:1", "valid_lifetime": 880000} ] ], {"interface": "Vlan1", "neighbors": [ {"ip": "1::2", "link_layer_address": "C2:F3:D4:E5:A6:4E"} ], "ra_prefixes": [ {"no_autoconfig": false, "off_link": false, "preferred_lifetime": 1400, "prefix": "5::5::5::5/5", "router_address": false, "valid_lifetime": 303030} ], "rdns": [ {"address": "7:7::7:7", "valid_lifetime": 8800000} ] }, {"state": "deleted"} ], {"intf_ipv6_neighbors": [ {"interface": "Ethernet20", "neighbors": [ {"ip": "1::1", "link_layer_address": "01: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:D0:E4:F5"} ], "ra_prefixes": [ {"no_autoconfig": true, "prefix": "5::5::5::5/5"} ], "rdns": [ {"address": "7:7::7:7", "valid_lifetime": 38000} ] ], {"state": "replaced"} ]	<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": "enable",       "dns": [         {           "name": "abc.com",           "valid_lifetime": 2200         }       ],       "home_agent_config": false,       "home_agent_lifETIME": 3300,       "home_agent_preference": 144,       "interfacename": "Ethernet20",       "interval": 1700,       "lifetime": 5600,       "max_ra_interval": false,       "min_ra_interval": 130,       "min_ra_interval_msec": 12500,       "mtu": 760,       "neighbors": [         {           "ip": "1::1",           "link_layer_address": "A5:B4:C3:C2:D0:31"         }       ],       "other_config": false,       "ra_fast_retrans": false,       "ra_hop_limit": 168,       "ra_interval_usec": 170000,       "ra_prefixes": [         {           "no_autoconfig": false,           "off_link": false,           "preferred_lifetime": 1890,           "prefix": "1::1::1/1",           "router_address": false,           "valid_lifetime": 12000         }       ],       "ra_retrans_interval": 876000,       "rdns": [         {           "address": "1::1::1:1",           "valid_lifetime": 880000         }       ],       "reachable_time": 975,       "router_preference": "High",       "suppress": false     },     {       "dad": "enable",       "interface": "Ethernet24"     },     {       "dad": "enable",       "interface": "Ethernet28"     },     {       "dad": "enable",       "interface": "Ethernet32"     },     {       "dad": "enable",       "interface": "Ethernet36"     },     {       "dad": "enable",       "interface": "Ethernet40"     },     {       "dad": "enable",       "interface": "Ethernet44"     },     {       "dad": "enable",       "interface": "Ethernet48"     },     {       "dad": "enable",       "interface": "Ethernet52"     },     {       "dad": "enable",       "interface": "Ethernet56"     },     {       "dad": "enable",       "interface": "Ethernet60"     },     {       "dad": "enable",       "interface": "Ethernet64"     },     {       "dad": "enable",       "interface": "Ethernet68"     },     {       "dad": "enable",       "interface": "Ethernet72"     },     {       "dad": "enable",       "interface": "Ethernet76"     },     {       "dad": "enable",       "interface": "Ethernet80"     },     {       "dad": "enable",       "interface": "Ethernet84"     },     {       "dad": "enable",       "interface": "Ethernet88"     },     {       "dad": "enable",       "interface": "Ethernet92"     },     {       "dad": "enable",       "interface": "Ethernet96"     },     {       "dad": "enable",       "interface": "Ethernet100"     },     {       "dad": "enable",       "interface": "Ethernet104"     }   ] </pre>	<pre> After: [   "intf_ipv6_neighbors": [     {       "dad": "enable",       "interface": "Ethernet0"     },     {       "dad": "enable",       "interface": "Ethernet4"     },     {       "dad": "enable",       "interface": "Ethernet8"     },     {       "dad": "enable",       "interface": "Ethernet12"     },     {       "dad": "enable",       "interface": "Ethernet16"     },     {       "adv_interval_option": false,       "dad": "enable",       "dns": [         {           "name": "abc.com",           "valid_lifetime": 2200         }       ],       "home_agent_config": false,       "home_agent_lifETIME": 3300,       "home_agent_preference": 144,       "interfacename": "Ethernet20",       "interval": 1700,       "lifetime": 5600,       "max_ra_interval": false,       "min_ra_interval": 130,       "min_ra_interval_msec": 12500,       "mtu": 760,       "neighbors": [         {           "ip": "1::1",           "link_layer_address": "01:E2:B3:C4:AA:44"         }       ],       "other_config": false,       "ra_fast_retrans": false,       "ra_hop_limit": 168,       "ra_interval_usec": 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": "enable",       "interface": "Ethernet24"     },     {       "dad": "enable",       "interface": "Ethernet28"     },     {       "dad": "enable",       "interface": "Ethernet32"     },     {       "dad": "enable",       "interface": "Ethernet36"     },     {       "dad": "enable",       "interface": "Ethernet40"     },     {       "dad": "enable",       "interface": "Ethernet44"     },     {       "dad": "enable",       "interface": "Ethernet48"     },     {       "dad": "enable",       "interface": "Ethernet52"     },     {       "dad": "enable",       "interface": "Ethernet56"     },     {       "dad": "enable",       "interface": "Ethernet60"     },     {       "dad": "enable",       "interface": "Ethernet64"     },     {       "dad": "enable",       "interface": "Ethernet68"     },     {       "dad": "enable",       "interface": "Ethernet72"     },     {       "dad": "enable",       "interface": "Ethernet76"     },     {       "dad": "enable",       "interface": "Ethernet80"     },     {       "dad": "enable",       "interface": "Ethernet84"     },     {       "dad": "enable",       "interface": "Ethernet88"     },     {       "dad": "enable",       "interface": "Ethernet92"     },     {       "dad": "enable",       "interface": "Ethernet96"     },     {       "dad": "enable",       "interface": "Ethernet100"     },     {       "dad": "enable",       "interface": "Ethernet104"     },     {       "dad": "enable",       "interface": "Ethernet108"     }   ] </pre>	Error: "No Error"	

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:505"         }     ],     "adv_interval_option": true,     "dad": "disable_ipv6_on_failure",     "dnsll": [         {             "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,     "managed_config": false,     "min_ra_interval": 125,     "min_ra_interval_usec": 13200,     "mtu": 826,     "neighbors": [         {             "ip": "1::1",             "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_managed_mtu": 195000,     "ra_prefixes": [         {             "no_autoconfig": true,             "off_link": true,             "preferred_lifetime": 1900,             "prefix": "2::2:2::2",             "router_address": "1::1",             "valid_lifetime": 200000         },         {             "no_autoconfig": false,             "off_link": true,             "preferred_lifetime": 1400,             "prefix": "5::5:5::5",             "router_address": false,             "valid_lifetime": 303030         }     ],     "ra_retrans_interval": 890000,     "rdnsll": [         {             "address": "2::2:2::2",             "valid_lifetime": 760000         },         {             "address": "7::7:7::7",             "valid_lifetime": 880000         }     ],     "reachable_time": 800,     "router_preference": "low",     "suppress": false }, {     "dad": "disable",     "interface": "Vlan2" } ], "ipv4_arp_linenet": 132, "ipv6_neighbor_gating_time": 654, "ipv6_drop_neighor_gating_time": 507, "ipv6_nd_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:505"         }     ] }, {     "adv_interval_option": true,     "dad": "disable_ipv6_on_failure",     "dnsll": [         {             "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,     "managed_config": false,     "min_ra_interval": 125,     "min_ra_interval_usec": 13200,     "mtu": 826,     "neighbors": [         {             "ip": "1::1",             "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_managed_mtu": 195000,     "ra_prefixes": [         {             "no_autoconfig": true,             "off_link": true,             "preferred_lifetime": 1900,             "prefix": "2::2:2::2",             "router_address": "1::1",             "valid_lifetime": 200000         },         {             "no_autoconfig": false,             "off_link": true,             "preferred_lifetime": 1400,             "prefix": "5::5:5::5",             "router_address": false,             "valid_lifetime": 303030         }     ],     "ra_retrans_interval": 890000,     "rdnsll": [         {             "address": "2::2:2::2",             "valid_lifetime": 760000         },         {             "address": "7::7:7::7",             "valid_lifetime": 880000         }     ],     "reachable_time": 800,     "router_preference": "low",     "suppress": false }, {     "dad": "disable",     "interface": "Vlan2" } ], "ipv4_arp_timeout": 132, "ipv6_drop_neighor_gating_time": 654, "ipv6_nd_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                 }             ],             "rdnsll": [                 {                     "address": "1::1::1",                     "valid_lifetime": 85000                 }             ]         },         {             "interface": "Vlan1",             "neighbors": [                 {                     "ip": "1::1",                     "link_layer_address": "AA:B1:C2:D0:E4:F5"                 }             ],             "ra_prefixes": [                 {                     "no_autoconfig": true,                     "prefix": "5::5:5::5"                 }             ],             "rdnsll": [                 {                     "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",             "dnsll": [                 {                     "name": "abc.com",                     "valid_lifetime": 2200                 }             ],             "home_agent_config": false,             "home_agent_lifetime": 3200,             "home_agent_preference": 144,             "interface": "Ethernet20",             "interval": 1700,             "managed_config": false,             "min_ra_interval": 130,             "min_ra_interval_usec": 125000,             "mtu": 770,             "neighbors": [                 {                     "ip": "1::1",                     "link_layer_address": "D1:E2:B3:C4:AA:44"                 }             ],             "other_config": false,             "ra_fast_retrans": false,             "ra_hop_limit": 168,             "ra_interval_usec": 170000,             "ra_prefixes": [                 {                     "preferred_lifetime": 2700,                     "prefix": "1::1::1/1",                     "valid_lifetime": 300000                 }             ],             "ra_retrans_interval": 876000,             "rdnsll": [                 {                     "address": "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>	<pre>After: "Not defined"</pre>	Error: "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::edf0:4ff:fe4e:5b5"     } ], {     "adv_interval_option": true,     "dad": "disable_ipv6_on_failure",     "dnslist": [         {             "name": "123.com",             "valid_lifetime": 57643         },         {             "name": "xyz.com",             "valid_lifetime": 2000         }     ],     "home_agent_config": false,     "home_agent_lifetime": 4000,     "home_agent_preference": 14,     "inter_ra_retrans": 1,     "interval": 999,     "lifetime": 4800,     "managed_config": false,     "min_ra_interval": 125,     "min_ra_interval_msec": 13200,     "mtu": 1500,     "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,             "prefix": "2000::/64",             "prefixed_lifetime": 1900,             "prefix": "212::2/2",             "router_address": true,             "valid_lifetime": 200000         },         {             "no_autoconfig": true,             "prefix": "51::15/5"         }     ],     "ra_retrans_interval": 899000,     "rdns": [         {             "address": "212::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" }, {     "ipv6_dad_timeout": 132,     "ipv6_drop_neighbor_aging_time": 654,     "ipv6_drop_neighbor_aging_time": 587,     "ipv6_nd_cache_expires": 140,     "num_local_neigh": 555 } ]</pre>	<pre> "int_ipv6_neighbors": [     {         "dad": "disable",         "interface": "Ethernet10"     },     {         "dad": "disable",         "interface": "Ethernet4"     },     {         "dad": "disable",         "interface": "Ethernet8"     },     {         "dad": "disable",         "interface": "Ethernet12"     },     {         "dad": "disable",         "interface": "Ethernet16"     },     {         "adv_interval_option": false,         "dad": "enable",         "dnslist": [             {                 "name": "abc.com",                 "valid_lifetime": 2200             }         ],         "home_agent_config": false,         "home_agent_lifetime": 3300,         "home_agent_preference": 144,         "interface": "Ethernet20",         "interval": 1700,         "lifetime": 4800,         "managed_config": false,         "min_ra_interval": 130,         "min_ra_interval_msec": 12500,         "mtu": 770,         "neighbors": [             {                 "ip": "1::1",                 "link_layer_address": "D1:E2:B3:C4:A9:44"             }         ],         "other_config": false,         "ra_fast_retrans": false     } ]</pre>	Error: "No Error"
test_case_04.1	Passed	Input: {   "int_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 } }	Commands: [   {     "int_ipv6_neighbors": [       {         "adv_interval_option": false,         "dnslist": [           {             "name": "abc.com",             "valid_lifetime": 2200           }         ],         "home_agent_config": false,         "home_agent_lifetime": 3300,         "home_agent_preference": 144,         "interface": "Ethernet20",         "interval": 1700,         "lifetime": 4800,         "managed_config": false,         "min_ra_interval": 130,         "min_ra_interval_msec": 12500,         "mtu": 770,         "neighbors": [           {             "ip": "1::1",             "link_layer_address": "D1:E2:B3:C4:A9:44"           }         ],         "other_config": false,         "ra_fast_retrans": false       }     ]   } ]	Before: {   "int_ipv6_neighbors": [     {         "dad": "disable",         "interface": "Ethernet10"     },     {         "dad": "disable",         "interface": "Ethernet4"     },     {         "dad": "disable",         "interface": "Ethernet8"     },     {         "dad": "disable",         "interface": "Ethernet12"     },     {         "dad": "disable",         "interface": "Ethernet16"     },     {         "adv_interval_option": false,         "dad": "enable",         "dnslist": [             {                 "name": "abc.com",                 "valid_lifetime": 2200             }         ],         "home_agent_config": false,         "home_agent_lifetime": 3300,         "home_agent_preference": 144,         "interface": "Ethernet20",         "interval": 1700,         "lifetime": 4800,         "managed_config": false,         "min_ra_interval": 130,         "min_ra_interval_msec": 12500,         "mtu": 770,         "neighbors": [             {                 "ip": "1::1",                 "link_layer_address": "D1:E2:B3:C4:A9:44"             }         ],         "other_config": false,         "ra_fast_retrans": false     }   ] }	After: {   "int_ipv6_neighbors": [     {         "dad": "enable",         "interface": "Ethernet10"     },     {         "dad": "enable",         "interface": "Ethernet4"     },     {         "dad": "enable",         "interface": "Ethernet8"     },     {         "dad": "enable",         "interface": "Ethernet12"     },     {         "dad": "enable",         "interface": "Ethernet16"     },     {         "adv_interval_option": true,         "dad": "enable",         "home_agent_lifetime": 8000,         "interface": "Ethernet20"     }   ] }	Error: "No Error"

Testcase name	Status	User Input	Commands	Before	After	Module exception
			<pre> "ra_hop_limit": 168, "ra_interval_msec": 170000, "ra_prefixes": [   {     "preferred_lifetime": 2700,     "prefix": "1::1::1/1",     "valid_lifetime": 300000   } ], "ra_retrans_interval": 876000, "rdnses": [   {     "address": "1::1::1",     "valid_lifetime": 85000   } ], "reachable_time": 975, "router_preference": "high", "suppress": false }, {   "adv_interval_option": true,   "dad": "disable_ipv6_on_failure",   "dnses": [     {       "name": "123.com",       "valid_lifetime": 57643     },     {       "name": "xyz.com",       "valid_lifetime": 2000     }   ],   "home_agent_config": false,   "home_agent_lifetime": 4000,   "home_agent_preference": 14,   "interval": "1::1::1/1",   "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": "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::5/5"     }   ],   "ra_retrans_interval": 899000,   "rdnses": [     {       "address": "2::2::2/2",       "valid_lifetime": 760000     },     {       "address": "7::7::7/7",       "valid_lifetime": 3800     }   ],   "reachable_time": 800,   "router_preference": "low",   "suppress": false }, {   "state": "deleted" }, {   "intf_ip6_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     }   ],   "state": "replaced" } ] </pre>	<pre> "ra_hop_limit": 168, "ra_interval_msec": 170000, "ra_prefixes": [   {     "preferred_lifetime": 2700,     "prefix": "1::1::1/1",     "valid_lifetime": 300000   } ], "ra_retrans_interval": 876000, "rdnses": [   {     "address": "1::1::1",     "valid_lifetime": 85000   } ], "reachable_time": 975, "router_preference": "high", "suppress": false }, {   "adv_interval_option": true,   "dad": "enable_ipv6_on_failure",   "dnses": [     {       "name": "123.com",       "valid_lifetime": 57643     },     {       "name": "xyz.com",       "valid_lifetime": 2000     }   ],   "home_agent_config": false,   "home_agent_lifetime": 4000,   "home_agent_preference": 14,   "interval": "1::1::1/1",   "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": "D1:E2:B3:C4:AA:44"     }   ],   "other_config": false,   "ra_fast_retrans": false,   "ra_hop_limit": 154,   "ra_interval_msec": 195000,   "ra_prefixes": [     {       "preferred_lifetime": 2700,       "prefix": "1::1::1/1",       "valid_lifetime": 300000     }   ],   "ra_retrans_interval": 876000,   "rdnses": [     {       "address": "1::1::1",       "valid_lifetime": 85000     }   ],   "reachable_time": 975,   "router_preference": "high",   "suppress": false }, {   "dad": "enable",   "interface": "Ethernet24" }, {   "dad": "enable",   "interface": "Ethernet28" }, {   "dad": "enable",   "interface": "Ethernet32" }, {   "dad": "enable",   "interface": "Ethernet36" }, {   "dad": "enable",   "interface": "Ethernet40" }, {   "dad": "enable",   "interface": "Ethernet44" }, {   "dad": "enable",   "interface": "Ethernet48" }, {   "dad": "enable",   "interface": "Ethernet52" }, {   "dad": "enable",   "interface": "Ethernet56" }, {   "dad": "enable",   "interface": "Ethernet60" }, {   "dad": "enable",   "interface": "Ethernet64" }, {   "dad": "enable",   "interface": "Ethernet68" }, {   "dad": "enable",   "interface": "Ethernet72" }, {   "dad": "enable",   "interface": "Ethernet76" }, {   "dad": "enable",   "interface": "Ethernet80" }, {   "dad": "enable",   "interface": "Ethernet84" }, {   "dad": "enable",   "interface": "Ethernet88" }, {   "dad": "enable",   "interface": "Ethernet92" }, {   "dad": "enable",   "interface": "Ethernet96" }, {   "dad": "enable",   "interface": "Ethernet100" }, {   "dad": "enable",   "interface": "Ethernet104" }, {   "dad": "enable",   "interface": "Ethernet108" }, {   "dad": "enable",   "interface": "Ethernet112" }, {   "dad": "enable",   "interface": "Ethernet116" }, {   "dad": "enable",   "interface": "Ethernet120" }, {   "dad": "enable",   "interface": "Ethernet124" }, {   "dad": "enable",   "interface": "Ethernet128" }, {   "dad": "enable",   "interface": "Ethernet132" }, {   "dad": "enable",   "interface": "Management0",   "neighbors": [     {       "ip": "fe80::e6f0:4ff:fe4e:5b5"     }   ] }, {   "dad": "enable",   "interface": "Vlan1",   "interval": 1000,   "ra_fast_retrans": true,   "router_preference": "high",   "suppress": true }, {   "dad": "enable",   "interface": "Vlan2" } ], "ipv4_arp_timeout": 132, "ipv4_drop_neighbor_aging_time": 654, "ipv4_local_neigh_aging_time": 587, "ipv4_nd_care_expl": 140, "num_local_neigh": 555 } </pre>	<pre> "ra_hop_limit": 168, "ra_interval_msec": 170000, "ra_prefixes": [   {     "name": "123.com",     "valid_lifetime": 57643   },   {     "name": "xyz.com",     "valid_lifetime": 2000   } ], "reachable_time": 975, "router_preference": "high", "suppress": false }, {   "adv_interval_option": true,   "dad": "enable_ipv6_on_failure",   "dnses": [     {       "name": "123.com",       "valid_lifetime": 57643     },     {       "name": "xyz.com",       "valid_lifetime": 2000     }   ],   "home_agent_config": false,   "home_agent_lifetime": 4000,   "home_agent_preference": 14,   "interval": "1::1::1/1",   "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": "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::5/5"     }   ],   "ra_retrans_interval": 876000,   "rdnses": [     {       "address": "1::1::1",       "valid_lifetime": 85000     }   ],   "reachable_time": 975,   "router_preference": "high",   "suppress": false }, {   "dad": "enable",   "interface": "Ethernet24" }, {   "dad": "enable",   "interface": "Ethernet28" }, {   "dad": "enable",   "interface": "Ethernet32" }, {   "dad": "enable",   "interface": "Ethernet36" }, {   "dad": "enable",   "interface": "Ethernet40" }, {   "dad": "enable",   "interface": "Ethernet44" }, {   "dad": "enable",   "interface": "Ethernet48" }, {   "dad": "enable",   "interface": "Ethernet52" }, {   "dad": "enable",   "interface": "Ethernet56" }, {   "dad": "enable",   "interface": "Ethernet60" }, {   "dad": "enable",   "interface": "Ethernet64" }, {   "dad": "enable",   "interface": "Ethernet68" }, {   "dad": "enable",   "interface": "Ethernet72" }, {   "dad": "enable",   "interface": "Ethernet76" }, {   "dad": "enable",   "interface": "Ethernet80" }, {   "dad": "enable",   "interface": "Ethernet84" }, {   "dad": "enable",   "interface": "Ethernet88" }, {   "dad": "enable",   "interface": "Ethernet92" }, {   "dad": "enable",   "interface": "Ethernet96" }, {   "dad": "enable",   "interface": "Ethernet100" }, {   "dad": "enable",   "interface": "Ethernet104" }, {   "dad": "enable",   "interface": "Ethernet108" }, {   "dad": "enable",   "interface": "Ethernet112" }, {   "dad": "enable",   "interface": "Ethernet116" }, {   "dad": "enable",   "interface": "Ethernet120" }, {   "dad": "enable",   "interface": "Ethernet124" }, {   "dad": "enable",   "interface": "Ethernet128" }, {   "dad": "enable",   "interface": "Ethernet132" }, {   "dad": "enable",   "interface": "Management0",   "neighbors": [     {       "ip": "fe80::e6f0:4ff:fe4e:5b5"     }   ] }, {   "dad": "enable",   "interface": "Vlan1",   "interval": 1000,   "ra_fast_retrans": true,   "router_preference": "high",   "suppress": true }, {   "dad": "enable",   "interface": "Vlan2" } ], "ipv4_arp_timeout": 132, "ipv4_drop_neighbor_aging_time": 654, "ipv4_local_neigh_aging_time": 587, "ipv4_nd_care_expl": 140, "num_local_neigh": 555 } </pre>	

Testcase name	Status	User Input	Commands	Before	After	Module exception	
				<pre>         },         "ra_retrans_interval": 899000,         "rdns": [           {             "address": "2::2::2",             "valid_lifetime": 769000           },           {             "address": "7::7::7",             "valid_lifetime": 3800           }         ],         "reachable_time": 800,         "router_preference": "low",         "suppress": false       },       {         "dad": "disable",         "interface": "Vlan2"       },       {         "adv_mgnt_ltimeout": 132,         "ipv6_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	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     }   ] }	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": "Vlan1",       "interval": 1000,       "ra_fast_retrans": true,       "router_preference": "high",       "suppress": true     },     {       "dad": "disable",       "interface": "Vlan2"     },     {       "adv_mgnt_ltimeout": 132,       "ipv6_drop_neighbor_aging_time": 654,       "ipv6_drop_neighbor_aging_time": 587,       "ipv6_nd_cache_expiry": 140,       "num_local_neigh": 555     }   ] } </pre>	After: "Not defined"	Error: "No Error"	
test_case_05.1	Passed	Input: {   "ipv6_drop_neighbor_aging_time": 800,   "ipv6_drop_neighbor_aging_time": 900 }	Commands: [   {     "intf_ipv6_neighbors": [       {         "adv_interval_option": true,         "dad": "enable",         "home_agent_lifetime": 8000,         "interface": "Ethernet20"       },     ]   } ]	<pre> Before: {   "intf_ipv6_neighbors": [     {       "dad": "disable",       "interface": "Ethernet0"     },     {       "dad": "disable",       "interface": "Ethernet4"     }   ] } </pre>	After: [   "intf_ipv6_neighbors": [     {       "dad": "disable",       "interface": "Ethernet0"     },     {       "dad": "disable",       "interface": "Ethernet4"     }   ] ]	Error: "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_arg_timeout": 122,   "ipv4_drop_neighbor_aging_time": 654,   "ipv4_drop_neighbor_aging_time": 587,   "ipv4_nd_cache_expiration": 140,   "num_local_neigh": 555,   "state": "deleted" } ]</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",   "interval": 1000,   "ra_fast_retrans": true,   "router_preference": "high",   "suppress": true }, {   "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	Input: {} 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",       "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": "Management0"     }   ] }</pre>	After: "Not defined"	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": "Management0",         "neighbors": [           {             "ip": "fe80::e6f0:4ff:fe4:e505"           }         ]       },       {         "dad": "disable",         "interface": "Vlan1"       },       {         "dad": "disable",         "interface": "Vlan2"       }     ],     "ipv4_arg_lease_time": 132,     "ipv4_drop_neighbor_aging_time": 800,     "ipv4_drop_neighbor_max": 900,     "ipv4_md_cache_expiry": 180,     "num_local_neigh": 50   } } </pre>		
test_case_06.1	Passed	Input: {     "intf_ipv6_neighbors": [       {         "adv_interval_option": true,         "dad": "enable",         "dnslist": [           {             "name": "abc.com",             "valid_lifetime": 1000           },           {             "name": "dell.com",             "valid_lifetime": 2000           }         ],         "home_agent_config": true,         "home_agent_lifetime": 2000,         "home_agent_preference": 12,         "interf": "Ethernet20",         "interval": 800,         "lifetime": 4500,         "managed_config": true,         "min_ra_interval": 110,         "min_ra_interval_nsec": 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",             "router_address": true,             "valid_lifetime": 100000           },           {             "prefix": "2::2/2",             "valid_lifetime": 200000           }         ],         "ra_retrans_interval": 800000,         "rdnslist": [           {             "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_nsec": 13000       },       {         "adv_interval_option": true,         "dad": "enable",         "dnslist": [           {             "name": "xyz.com",             "valid_lifetime": 2000           },           {             "name": "dell.com",             "valid_lifetime": 3000           }         ],         "home_agent_config": true,         "home_agent_lifetime": 1000,         "home_agent_preference": 13,         "interf": "Vlan1",         "interval": 900,         "lifetime": 4600,         "managed_config": true,         "min_ra_interval_nsec": 1000       }     ]   }	Commands: [     {       "intf_ipv6_neighbors": [         {           "adv_interval_option": true,           "dad": "enable",           "dnslist": [             {               "name": "abc.com",               "valid_lifetime": 1000             },             {               "name": "dell.com",               "valid_lifetime": 2000             }           ],           "home_agent_config": true,           "home_agent_lifetime": 2000,           "home_agent_preference": 12,           "interf": "Ethernet20",           "interval": 800,           "lifetime": 4500,           "managed_config": true,           "min_ra_interval": 110,           "min_ra_interval_nsec": 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",               "router_address": true,               "valid_lifetime": 100000             },             {               "prefix": "2::2/2",               "valid_lifetime": 200000             }           ],           "ra_retrans_interval": 800000,           "rdnslist": [             {               "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_nsec": 13000         },         {           "adv_interval_option": true,           "dad": "enable",           "dnslist": [             {               "name": "xyz.com",               "valid_lifetime": 2000             },             {               "name": "dell.com",               "valid_lifetime": 3000             }           ],           "home_agent_config": true,           "home_agent_lifetime": 1000,           "home_agent_preference": 13,           "interf": "Vlan1",           "interval": 900,           "lifetime": 4600,           "managed_config": true,           "min_ra_interval_nsec": 1000         }       ]     }   ]	<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": "Ethernet29"     },     {       "dad": "disable",       "interface": "Management0",       "neighbors": [         {           "ip": "fe80::e6f0:4ff:fe4:e505"         }       ]     },     {       "dad": "disable",       "interface": "Vlan1"     },     {       "dad": "disable",       "interface": "Vlan2"     }   ],   "ipv4_arg_lease_time": 132,   "ipv4_drop_neighbor_aging_time": 800,   "ipv4_drop_neighbor_max": 900,   "ipv4_md_cache_expiry": 180,   "num_local_neigh": 50 } </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": "Ethernet29"     },     {       "dad": "enable",       "interface": "Management0",       "neighbors": [         {           "ip": "fe80::e6f0:4ff:fe4:e505"         }       ]     },   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  {       "address": "1::1:1",       "valid_lifetime": 750000     },     {       "address": "2::2:2",       "valid_lifetime": 660000     }   ],   "reachable_time": 500,   "router_preference": "low",   "suppress": true } </pre>	Error: "No Error"

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",     "router_address": true,     "valid_lifetime": 200000   },   {     "no_autoconfig": false,     "prefix": "4::4::/4"   } ], "ra_retrans_interval": 900000, "rdns": [   {     "address": "2::2::2",     "valid_lifetime": 760000   },   {     "address": "4::4::4",     "valid_lifetime": 880000   } ], "reachable_time": 600, "router_preference": "medium", "suppress": true }, { "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 }, { "adv_interval_option": 120, "adv_lifespan": 132, "adv_drop_neighbor_aging_time": 400, "adv_drop_neighbor_aging_time6": 600, "adv_nd_cache_expiry": 200, "adv_nd_cache_expiry6": 900, "state": "overridden" } ] } </pre>	<pre>         },         {           "home_agent_config": true,           "home_agent_lifetime": 3000,           "home_agent_preference": 13,           "interface": "Vlan1",           "interf_ip": "1.1.1.1",           "lifetime": 46000,           "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",               "router_address": true,               "valid_lifetime": 200000             },             {               "no_autoconfig": false,               "prefix": "4::4::/4"             }           ],           "ra_retrans_interval": 900000,           "rdns": [             {               "address": "2::2::2",               "valid_lifetime": 760000             },             {               "address": "4::4::4",               "valid_lifetime": 880000             }           ],           "reachable_time": 600,           "router_preference": "medium",           "suppress": true         },         {           "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,           "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": "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": "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::e6ff:fe4e:5b5"             }           ]         },         {           "adv_interval_option": true,           "dad": "enable",           "dnsll": [             {               "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",           "interf_ip": "1.1.1.1",           "lifetime": 46000,           "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",               "router_address": true,               "valid_lifetime": 200000             },             {               "no_autoconfig": false,               "prefix": "4::4::/4"             }           ],           "ra_retrans_interval": 900000,           "rdns": [             {               "address": "2::2::2",               "valid_lifetime": 760000             },             {               "address": "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>         },         {           "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::e6ff:fe4e:5b5"             }           ]         },         {           "adv_interval_option": true,           "dad": "enable",           "dnsll": [             {               "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",           "interf_ip": "1.1.1.1",           "lifetime": 46000,           "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",               "router_address": true,               "valid_lifetime": 200000             },             {               "no_autoconfig": false,               "prefix": "4::4::/4"             }           ],           "ra_retrans_interval": 900000,           "rdns": [             {               "address": "2::2::2",               "valid_lifetime": 760000             },             {               "address": "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> After: "Not defined" </pre>	<pre> Error: "No Error" </pre>
test_case_06_2	Passed	<pre> <input type="checkbox"/> ipv6_neighbors: [   {     "adv_interval_option": true,     "dad": "enable",     "dnsll": [       {         "name": "abc.com",         "valid_lifetime": 1000       }     ],     "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",         "router_address": true,         "valid_lifetime": 200000       },       {         "no_autoconfig": false,         "prefix": "4::4::/4"       }     ],     "ra_retrans_interval": 900000,     "rdns": [       {         "address": "2::2::2",         "valid_lifetime": 760000       },       {         "address": "4::4::4",         "valid_lifetime": 880000       }     ],     "reachable_time": 600,     "router_preference": "medium",     "suppress": true   } ] </pre>	<pre> Before: [   {     "adv_ipv6_neighbors": [       {         "dad": "disable",         "interface": "Ethernet0"       },       {         "dad": "disable",         "interface": "Ethernet4"       }     ],     "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",         "router_address": true,         "valid_lifetime": 200000       },       {         "no_autoconfig": false,         "prefix": "4::4::/4"       }     ],     "ra_retrans_interval": 900000,     "rdns": [       {         "address": "2::2::2",         "valid_lifetime": 760000       },       {         "address": "4::4::4",         "valid_lifetime": 880000       }     ],     "reachable_time": 600,     "router_preference": "medium",     "suppress": true   } ] </pre>	<pre> After: "Not defined" </pre>	<pre> Error: "No Error" </pre>		

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,   "inter": "Ethernet20",   "interval": 800,   "lifetime": 4500,   "managed_config": true,   "min_ra_interval": 110,   "min_ra_interval_msec": 12000,   "mtu": 1500,   "neighbors": [     {       "ip": "1::1",       "link_layer_address": "A1:B4:C5:C1:D0:3E"     },     {       "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::2/2/2/2",       "valid_lifetime": 200000     }   ],   "ra_retrans_interval": 800000,   "rdns5": [     {       "address": "1::1::1",       "valid_lifetime": 750000     },     {       "address": "2::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",   "dnsll": [     {       "name": "xyz.com",       "valid_lifetime": 2000     },     {       "name": "dell.com",       "valid_lifetime": 3000     }   ],   "home_agent_config": true,   "home_agent_lifetime": 3000,   "home_agent_preference": 13,   "inter": "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"     },     {       "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::4:4/4/4"     }   ],   "ra_retrans_interval": 900000,   "rdns5": [     {       "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 }, {   "ipav_arp_timeout": 120,   "ipav_drop_neighbor_aging_time": 400,   "ipv6_drop_neighbor_aging_time": 600,   "ipv6_nd_cache_expiry": 200,   "num_local_neigh": 340 } ] } </pre>	<pre>{   "dad": "disable",   "interface": "Ethernet8" }, {   "dad": "disable",   "interface": "Ethernet12" }, {   "dad": "disable",   "interface": "Ethernet16" }, {   "adv_interval_option": true,   "dad": "enable",   "dnsll": [     {       "name": "abc.com",       "valid_lifetime": 1000     },     {       "name": "dell.com",       "valid_lifetime": 2000     }   ],   "home_agent_config": true,   "home_agent_lifetime": 2000,   "home_agent_preference": 12,   "inter": "Ethernet20",   "interval": 800,   "lifetime": 4500,   "managed_config": true,   "min_ra_interval": 110,   "min_ra_interval_msec": 12000,   "mtu": 1500,   "neighbors": [     {       "ip": "1::1",       "link_layer_address": "A1:B4:C5:C1:D0:3E"     },     {       "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::2/2/2/2",       "valid_lifetime": 200000     }   ],   "ra_retrans_interval": 800000,   "rdns5": [     {       "address": "1::1::1",       "valid_lifetime": 750000     },     {       "address": "2::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": "Ethernet132" }, {   "dad": "disable",   "interface": "Management0",   "neighbors": [     {       "ip": "fe80::e6f0:4fff:fe4e:5b5"     }   ] }, {   "adv_interval_option": true,   "dad": "enable",   "dnsll": [     {       "name": "dell.com",       "valid_lifetime": 3000     }   ] } ]</pre>			

Testcase name	Status	User Input	Commands	Before	After	Module exception	
				<pre>         "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"         },         {           "ip": "3::3"         }       ],       "other_config": true,       "ra_fast_retrans": true,       "ra_hop_limit": 148,       "ra_interval": 1000000,       "ra_prefixes": [         {           "no_autoconfig": true,           "pref_lifetime": 1800,           "prefix": "1::1/1",           "router_address": true,           "valid_lifetime": 100000         },         {           "prefix": "2::2:2/2"         }       ],       "ra_retrans_interval": 800000,       "rdns": [         {           "address": "1::1:1",           "valid_lifetime": 750000         },         {           "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",       "dns": [         {           "name": "abc.com",           "valid_lifetime": 2000         },         {           "name": "dell.com"         }       ],       "home_agent_config": true,       "home_agent_lifetime": 2000,       "home_agent_preference": 12,       "interface": "Ethernet20",       "interval": 900,       "lifetime": 4500,       "managed_config": true,       "min_ra_interval": 110,       "mtu": 725,       "neighbors": [         {           "ip": "1::1",           "link_layer_address": "A1:B4:C5:C1:D0:3E"         },         {           "ip": "4::4"         }       ],       "other_config": true,       "ra_fast_retrans": true,       "ra_hop_limit": 148,       "ra_interval_msec": 180000,       "ra_prefixes": [         {           "no_autoconfig": true,           "pref_lifetime": 1800,           "prefix": "1::1::1/1",           "router_address": true,           "valid_lifetime": 100000         },         {           "prefix": "2::2:2/2"         }       ],       "ra_retrans_interval": 900000,       "rdns": [         {           "address": "1::1:1",           "valid_lifetime": 750000         },         {           "address": "2::2:2/2"         }       ],       "reachable_time": 500,       "router_preference": "low",       "suppress": true     },     {       "interface": "Vlan2",       "min_ra_interval_msec": 11000     },     {       "ipv4_addr_timeout": 120,       "ipv4_drop_neighbor_aging_time": 400,       "ipv4_drop_neighbor_expires": 200,       "ipv4_drop_neighbor_aging_time": 600,       "ipv6_nd_cache_expiry": 340     }   ] } </pre>	<pre>         "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"         },         {           "ip": "3::3"         }       ],       "other_config": true,       "ra_fast_retrans": true,       "ra_hop_limit": 150,       "ra_interval": 1000000,       "ra_prefixes": [         {           "no_autoconfig": true,           "pref_lifetime": 1800,           "prefix": "1::1/1",           "router_address": true,           "valid_lifetime": 190000         },         {           "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_addr_timeout": 120,       "ipv4_drop_neighbor_aging_time": 400,       "ipv4_drop_neighbor_expires": 200,       "ipv4_drop_neighbor_aging_time": 600,       "ipv6_nd_cache_expiry": 340     }   ] } </pre>		
test_case_07.1	Passed	Input: { "intf_ipv6_neighbors": [ {"adv_interval_option": true, "dad": "enable", "dns": [ {"name": "abc.com", "valid_lifetime": 1000}, {"name": "dell.com"} ], "home_agent_config": true, "home_agent_lifetime": 2000, "home_agent_preference": 12, "interface": "Ethernet20", "interval": 900, "lifetime": 4500, "managed_config": true, "min_ra_interval": 110, "mtu": 725, "neighbors": [ {"ip": "1::1", "link_layer_address": "A1:B4:C5:C1:D0:3E"}, {"ip": "4::4"} ], "other_config": true, "ra_fast_retrans": true, "ra_hop_limit": 148, "ra_interval": 1000000, "ra_prefixes": [ {"no_autoconfig": true, "pref_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", "valid_lifetime": 750000}, {"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", "dns": [ {"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": 4600, "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": 1000000, "ra_prefixes": [ {"no_autoconfig": true, "pref_lifetime": 1900, "prefix": "2::2:2/2", "router_address": true, "valid_lifetime": 2000000}, {"prefix": "4::4:4/4"} ], "ra_retrans_interval": 900000, "rdns": [ {"address": "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_addr_timeout": 120,       "ipv4_drop_neighbor_aging_time": 400,       "ipv4_drop_neighbor_expires": 200,       "ipv4_drop_neighbor_aging_time": 600,       "ipv6_nd_cache_expiry": 200,       "num_local_neigh": 340     }   ] }	<pre>         "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"         },         {           "ip": "3::3"         }       ],       "other_config": true,       "ra_fast_retrans": true,       "ra_hop_limit": 150,       "ra_interval": 1000000,       "ra_prefixes": [         {           "no_autoconfig": true,           "pref_lifetime": 1900,           "prefix": "1::1/1",           "router_address": true,           "valid_lifetime": 190000         },         {           "no_autoconfig": false,           "prefix": "4::4:4/4"         }       ],       "ra_retrans_interval": 900000,       "rdns": [         {           "address": "2::2:2",           "valid_lifetime": 760000         },         {           "address": "4::4:4/4",           "valid_lifetime": 880000         }       ],       "reachable_time": 600,       "router_address": true,       "suppress": true     },     {       "dad": "disable",       "interface": "Vlan2",       "interval": 1000,       "min_ra_interval_msec": 11000     },     {       "ipv4_addr_timeout": 120,       "ipv4_drop_neighbor_aging_time": 400,       "ipv4_drop_neighbor_expires": 200,       "ipv4_drop_neighbor_aging_time": 600,       "ipv6_nd_cache_expiry": 340     }   ] } </pre>	<pre>         "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"         },         {           "ip": "3::3"         }       ],       "other_config": true,       "ra_fast_retrans": true,       "ra_hop_limit": 150,       "ra_interval": 1000000,       "ra_prefixes": [         {           "no_autoconfig": true,           "pref_lifetime": 1900,           "prefix": "1::1/1",           "router_address": true,           "valid_lifetime": 190000         },         {           "no_autoconfig": false,           "prefix": "4::4:4/4"         }       ],       "ra_retrans_interval": 900000,       "rdns": [         {           "address": "2::2:2",           "valid_lifetime": 760000         },         {           "address": "4::4:4/4",           "valid_lifetime": 880000         }       ],       "reachable_time": 600,       "router_address": true,       "suppress": true     },     {       "dad": "disable",       "interface": "Vlan2",       "interval": 1000,       "min_ra_interval_msec": 11000     },     {       "ipv4_addr_timeout": 120,       "ipv4_drop_neighbor_aging_time": 400,       "ipv4_drop_neighbor_expires": 200,       "ipv4_drop_neighbor_aging_time": 600,       "ipv6_nd_cache_expiry": 340     }   ] } </pre>	Error: "No Error"		

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:5b5" } ], { "dad": "disable", "interface": "Vlan1", "min_ra_interval_msec": 13000, "ra_prefixes": [ { "prefix": "2::2:2/2" } ], "rdnss": [ { "address": "2::2:2/2" } ], { "dad": "disable", "interface": "Vlan2", "interval": 1000 } ], "ipv4_ara_timeout": 180, "ipv4_drop_neighbor_aging_time": 300, "ipv6_drop_neighbor_aging_time": 300, "ipv6_nd_cache_expiry": 180, "num_local_neigh": 0 }</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:5b5" } ], { "dad": "disable", "interface": "Vlan1", "min_ra_interval_msec": 13000, "ra_prefixes": [ { "prefix": "2::2:2/2" } ], "rdnss": [ { "address": "2::2:2/2" } ], { "dad": "disable", "interface": "Vlan2", "interval": 1000 } ], "ipv4_ara_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",       "dnsll": [         {           "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,       "life_time": 900,       "managed_config": true,       "min_ra_interval": 110,       "mtu": 725,       "neighbors": [         {           "ip": "1::1",           "link_layer_address": "A1:B4:C5:C1:00:3E"         },         {           "ip": "4::4"         }       ],       "other_config": true,       "ra_fast_retrans": true,       "ra_hop_limit": 148,       "ra_life_time": 180000,       "ra_prefixes": [         {           "autoconfig": true,           "off_link": true,           "preferred_lifetime": 1800,           "prefix": "2::2:2/2",           "router_address": true,           "valid_lifetime": 100000         },         {           "prefix": "2::2:2/2"         }       ],       "ra_retrans_interval": 800000,       "rdnss": [         {           "address": "1::1::1::1",           "valid_lifetime": 750000         }       ]     }   ] }</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",       "dnsll": [         {           "name": "abc.com"         }       ],       "interface": "Ethernet20",       "min_ra_interval_msec": 12000,       "ra_prefixes": [         {           "prefix": "1::1::1/1"         }       ],       "rdnss": [         {           "address": "1::1::1::1"         }       ],       "other_config": true,       "ra_fast_retrans": true,       "ra_hop_limit": 1000,       "ra_life_time": 60000,       "ra_retrans_interval": 1000000,       "ra_prefixes": [         {           "autoconfig": true,           "off_link": true,           "preferred_lifetime": 1800,           "prefix": "2::2:2/2",           "router_address": true,           "valid_lifetime": 100000         },         {           "prefix": "2::2:2/2"         }       ],       "ra_retrans_interval": 800000,       "rdnss": [         {           "address": "1::1::1::1",           "valid_lifetime": 750000         }       ]     }   ] }</pre>	<pre>After: "Not defined"</pre>	Error: "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_usec": 13000       },       {         "adv_interval_option": true,         "dad": "enable",         "dnsll": [           {             "name": "xyz.com",             "valid_lifetime": 2000           },           {             "name": "dell.com"           }         ],         "home_agent_config": true,         "home_agent_llc_time": 3000,         "home_agent_preference": 13,         "interface": "Vlan1",         "interval": 960,         "life_time": 100000,         "managed_config": true,         "min_ra_interval": 120,         "mtu": 1500,         "neighbors": [           {             "ip": "2:2::2",             "link_layer_address": "A2:B3:C4:C5:D6:4E"           },           {             "ip": "3::3"           }         ],         "other_config": true,         "ra_fast_retrans": true,         "ra_min_ra_interval": 150,         "ra_interval_usec": 190000,         "ra_prefixes": [           {             "autoconfig": true,             "off_link": true,             "prefix": "2:2::2/2",             "router_address": true,             "valid_lifetime": 200000           },           {             "prefix": "4:4::4/4"           }         ],         "ra_retrans_interval": 900000,         "rdns": [           {             "address": "2:2::2:2",             "valid_lifetime": 700000           },           {             "address": "4:4::4:4"           }         ],         "reachable_time": 600,         "router_preference": "medium",         "suppress": true       },       {         "interface": "Vlan2",         "min_ra_interval_usec": 11000       },       {         "ipv4_adv_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>         },         {           "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": "Management10"         },         "neighbors": [           {             "ip": "fe80::e6f0:4ff:fe4e:5b5"           }         ],         {           "dad": "disable",           "dnsll": [             {               "name": "xyz.com"             }           ],           "interface": "Vlan1",           "min_ra_interval_usec": 13000,           "ra_prefixes": [             {               "prefix": "2:2::2/2"             }           ],           "rdns": [             {               "address": "2:2::2:2"             }           ],           {             "dad": "disable",             "interface": "Vlan2",             "interval": 1000           }         ],         "ipv4_adv_timeout": 180,         "ipv4_drop_neighbor_aging_time": 300,         "ipv6_drop_neighbor_aging_time": 300,         "ipv6_nd_cache_expiry": 180,         "num_local_neigh": 0       }     }   </pre>	<pre>         },         {           "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>	
test_case_08.1	Passed	Input: {}	<pre> Commands: [   {     "intf_ipv6_neighbors": [       {         "dnsll": [           {             "name": "abc.com"           }         ],         "interface": "Ethernet20",         "min_ra_interval_usec": 12000,         "ra_prefixes": [           {             "prefix": "1::1:1:1/1"           }         ],         "rdns": [           {             "address": "1::1:1:1"           }         ],         "interface": "Ethernet24",         "interval": 1000       },       {         "dnsll": [           {             "name": "xyz.com"           }         ],         "interface": "Vlan1",         "min_ra_interval_usec": 13000,         "ra_prefixes": [           {             "prefix": "2:2::2/2"           }         ],         "rdns": [           {             "address": "2:2::2:2"           }         ],         "interface": "Vlan2",         "interval": 1000       }     ],     "state": "deleted"   } ] </pre>	<pre> Before: {   "intf_ipv6_neighbors": [     {       "dnsll": [         {           "name": "abc.com"         }       ],       "interface": "Ethernet20",       "min_ra_interval_usec": 12000,       "ra_prefixes": [         {           "prefix": "1::1:1:1/1"         }       ],       "rdns": [         {           "address": "1::1:1:1"         }       ],       "interface": "Ethernet24",       "interval": 1000     },     {       "dnsll": [         {           "name": "xyz.com"         }       ],       "interface": "Vlan1",       "min_ra_interval_usec": 13000,       "ra_prefixes": [         {           "prefix": "2:2::2/2"         }       ],       "rdns": [         {           "address": "2:2::2:2"         }       ],       "interface": "Vlan2",       "interval": 1000     }   ],   "ipv4_adv_timeout": 180,   "ipv4_drop_neighbor_aging_time": 300,   "ipv6_drop_neighbor_aging_time": 300,   "ipv6_nd_cache_expiry": 180,   "num_local_neigh": 0 } </pre>	<pre> After: {   "intf_ipv6_neighbors": [     {       "dnsll": [         {           "name": "abc.com"         }       ],       "interface": "Ethernet0"     },     {       "dnsll": [         {           "name": "xyz.com"         }       ],       "interface": "Vlan1"     }   ],   "ipv4_adv_timeout": 180,   "ipv4_drop_neighbor_aging_time": 300,   "ipv6_drop_neighbor_aging_time": 300,   "ipv6_nd_cache_expiry": 180,   "num_local_neigh": 0 } </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": "Management0",       "neighbors": [         {           "ip": "fe80::e6f0:4ff:fe4e:505"         }       ]     },     {       "dad": "disable",       "dns": [         {           "name": "xyz.com"         }       ],       "interface": "Vlan1",       "min_ra_interval_msec": 13000,       "ra_prefixes": [         {           "prefix": "2:2:2:2/2"         }       ],       "rdns": [         {           "address": "2:2:2:2"         }       ],       "dad": "disable",       "interval": 1000     },     {       "ipv4_arp_timeout": 100,       "ipv4_drop_neighbor_aging_time": 300,       "ipv6_drop_neighbor_aging_time": 300,       "ipv6_nd_cache_expiry": 180,       "num_local_neigh": 0     }   } } </pre>	<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": "Management0",       "neighbors": [         {           "ip": "fe80::e6f0:4ff:fe4e:505"         }       ]     },     {       "dad": "disable",       "interface": "Vlan1"     },     {       "dad": "disable",       "interface": "Vlan2"     }   },   "ipv4_arp_timeout": 100,   "ipv4_drop_neighbor_aging_time": 300,   "ipv6_drop_neighbor_aging_time": 300,   "ipv6_nd_cache_expiry": 180,   "num_local_neigh": 0 } </pre>	
test_case_08.2	Passed	Input: {}	Commands: []	Before:	After: "Not defined"	Error: "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": "Ethernet129"       },       {         "dad": "disable",         "interface": "Management0",         "neighbors": [           {             "ip": "fe80::e0f0:4ff:fe4e:5b5"           }         ]       },       {         "dad": "disable",         "interface": "Vlan1"       },       {         "dad": "disable",         "interface": "Vlan2"       }     ],     "ipv4_arg_timeout": 180,     "ipv4_drop_neighbor_aging_time": 300,     "ipv4_drop_neighbor_aging_time": 300,     "ipv4_no_cache_expiry": 180,     "num_local_neigh": 0   } } </pre>		

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