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{
  "name": "DXL_Range_Event",
  "version": "3.0",
  "type": "DXL_EVENT",
  "event_type": [
    "RANGE_IPV4",
    "RANGE_IPV6"
  ],
  "vendor_identifier": "McAfee",
  "quoting": "ASIS",
  "instance_variables": [
    {
      "name": "DXL_MessageFormat",
      "type": "STRING"
    },
    {
      "name": "OPERATION_TYPES",
      "type": "STRING",
      "value": "insert/modify/delete"
    }
  ],
  "steps": [
    {
      "name": "Debug#0",
      "operation": "NOP",
      "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:
{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:
{UT:}}${XC:DEBUG:{R:}}"}
    },
    {
      "name": "set time vars",
      "operation": "NOP",
      "body_list": [
        "${XC:COPY:{L:New_Time}:
{E:timestamp}}${XC:FORMAT:TRUNCATE:{L:New_Time}:{16t}}"}
      ]
    },
    {
      "name": "Set Old_Time",
      "operation": "CONDITION",
      "condition": {
        "condition_type": "OR",

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        "statements": [
            {
                "left": "${E:A:values{extattrs}{DXL_LastEventSentAt}
{value}}",
                "op": "==",
                "right": ""
            }
        ],
        "eval": "${XC:ASSIGN:{L:Old_Time}:{S:}}",
        "else_eval": "${XC:COPY:{L:Old_Time}:{E:values{extattrs}
{DXL_LastEventSentAt}{value}}}${XC:FORMAT:TRUNCATE:
{L:Old_Time}:{16t}}"
    }
},
{
    "name": "Debug#1",
    "operation": "NOP",
    "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:
{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:
{UT:}}${XC:DEBUG:{R:}}"
},
{
    "name": "STOP if modified in the last second",
    "operation": "CONDITION",
    "condition": {
        "condition_type": "OR",
        "statements": [
            {
                "left": "${L:A:New_Time}",
                "op": "==",
                "right": "${L:A:Old_Time}"
            }
        ],
        "stop": true
    }
},
{
    "name": "Debug#2",
    "operation": "NOP",
    "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:
{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:
{UT:}}${XC:DEBUG:{R:}}"
}

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},
{
  "name": "STOP if sync not requested",
  "operation": "CONDITION",
  "condition": {
    "condition_type": "OR",
    "statements": [
      {
        "left": "${E:A:values{extattrs}{DXL_Sync}{value}}",
        "op": "==",
        "right": ""
      },
      {
        "left": "${E:A:values{extattrs}{DXL_Sync}{value}}",
        "op": "==",
        "right": "false"
      }
    ]
  },
  "stop": true
}
},
{
  "name": "init_internal_data",
  "operation": "VARIABLEOP",
  "variable_ops": [
    {
      "operation": "ASSIGN",
      "type": "DICTIONARY",
      "destination": "L:internal",
      "keys": [
        "analyzer_ipv4",
        "analyzer_ipv6",
        "source_ipv4",
        "source_ipv6",
        "target_ipv4",
        "target_ipv6",
        "severity"
      ],
      "values": [
        "",
        "",
        "",
        ""
      ]
    }
  ]
}

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        ""
        ""
        ""
        ""
        "7"
    ]
}
]
},
{
"name": "check what operation types are allowed",
"operation": "CONDITION",
"condition": {
    "condition_type": "AND",
    "statements": [
        {
            "left": "${I::OPERATION_TYPES}",
            "op": "!~",
            "right": "((?i).*${E::operation_type}.*)"
        }
    ],
    "next": "Fin"
}
},
{
"name": "is_analyzer_source_RANGE_ipv4",
"operation": "CONDITION",
"condition": {
    "statements": [
        {
            "left": "${E::object_type}",
            "op": "==",
            "right": "DhcpRange"
        },
        {
            "left": "${E::values{start_addr}}",
            "op": "!~",
            "right": ":"
        }
    ],
    "condition_type": "AND",
    "eval": "${XC:COPY:{L:internal{analyzer_ipv4}}:
{E:member_ip}}${XC:COPY:{L:internal{source_ipv4}}:

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{E:member_ip}}${XC:ASSIGN:{L:IPv}:{l:4}}",
    "else_eval": "${XC:COPY:{L:internal{analyzer_ipv6}}}:
{E:member_ip}}${XC:COPY:{L:internal{source_ipv6}}}:
{E:member_ip}}${XC:ASSIGN:{L:IPv}:{l:6}}"
    }
},
{
    "name": "check if Range IPv4 to assign target_ipv4",
    "operation": "CONDITION",
    "condition": {
        "statements": [
            {
                "left": "${E::event_type}",
                "op": "==",
                "right": "RANGE_IPV4"
            }
        ],
        "condition_type": "AND",
        "eval": "${XC:COPY:{L:internal{target_ipv4}}}:
{E:values{start_addr}}",
        "next": "is_severity_7"
    }
},
{
    "name": "check if Range IPv6 to assign target_ipv6",
    "operation": "CONDITION",
    "condition": {
        "statements": [
            {
                "left": "${E::event_type}",
                "op": "==",
                "right": "RANGE_IPV6"
            }
        ],
        "condition_type": "AND",
        "eval": "${XC:COPY:{L:internal{target_ipv6}}}:
{E:values{start_addr}}"
    }
},
{
    "name": "is_severity_7",
    "operation": "CONDITION",

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"condition": {
  "statements": [
    {
      "left": "1",
      "op": "==",
      "right": "1"
    }
  ],
  "condition_type": "AND",
  "eval": "${XC:ASSIGN:{L:internal{severity}}:{l:7}}"
}
},
{
  "name": "check if reservation range or network to assign values",
  "operation": "CONDITION",
  "condition": {
    "statements": [
      {
        "left": "${E::object_type}",
        "op": "==",
        "right": "DhcpRange"
      },
      {
        "left": "${E::object_type}",
        "op": "==",
        "right": "IPv6DhcpRange"
      }
    ],
    "condition_type": "OR",
    "eval": "${XC:COPY:{L:ruleName}:
{E:member_name}}${XC:FORMAT:TRUNCATE:{L:ruleName}:
{-128f}}${XC:COPY:{L:threatName}:
{E:values{_ref}}}${XC:FORMAT:TRUNCATE:{L:threatName}:
{-128f}}${XC:COPY:{L:DetectedUTC}:{E:timestamp}}${XC:ASSIGN:
{L:Obj_ref}:{S:}}${XC:ASSIGN:{L:network_view}:{S:default}}${XC:COPY:
{L:Object_type}:{E:object_type}}${XC:ASSIGN:{L:threatActionTaken}:
{S:Alert}}${XC:ASSIGN:{L:threatHandled}:{l:1}}${XC:COPY:
{L:operation_type}:{E:operation_type}}"
  }
},
{
  "name": "check GUID",

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"operation": "CONDITION",
"condition": {
  "condition_type": "OR",
  "statements": [
    {
      "left": "${E:A:values{extattrs}{ePO_GUID}{value}}",
      "op": "==",
      "right": ""
    }
  ],
  "eval": "${XC:COPY:{L:GUID}:{UT:UUID}}${XC:ASSIGN:
{L:GUIDtype}:{S:generated}}",
  "else_eval": "${XC:COPY:{L:GUID}:{E:values{extattrs}
{ePO_GUID}{value}}}${XC:ASSIGN:{L:GUIDtype}:{S:local}}"
}
},
{
  "name": "jump if have GUID or no WAPI credentials or is delete",
  "operation": "CONDITION",
  "condition": {
    "condition_type": "OR",
    "statements": [
      {
        "left": "${L:A:GUIDtype}",
        "op": "==",
        "right": "local"
      },
      {
        "left": "${UT:A:WAPIUSERNAME}",
        "op": "==",
        "right": ""
      },
      {
        "left": "${E:A:operation_type}",
        "op": "==",
        "right": "DELETE"
      }
    ],
    "next": "Check if operation type was delete to avoid errors"
  }
},
{

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"name": "Check if operation type was delete to avoid errors",
"operation": "CONDITION",
"condition": {
  "condition_type": "AND",
  "statements": [
    {
      "left": "${E:A:operation_type}",
      "op": "==",
      "right": "DELETE"
    }
  ],
  "next": "check DXL_MessageFormat_Delete"
}
},
{
"name": "Update GUID",
"operation": "PUT",
"transport": {
  "path": "${E:A:values[_ref]}"
},
"wapi": "v2.7",
"wapi_quoting": "JSON",
"body_list": [
  {"extattrs+": {"ePO_GUID": {"value": "${L:A:GUID}"},
  \DXL_LastEventSentAt": {"value": "${E:A:timestamp}"}}}
]
},
{
"name": "Check if range ipv6",
"operation": "CONDITION",
"condition": {
  "condition_type": "AND",
  "statements": [
    {
      "left": "${E::event_type}",
      "op": "==",
      "right": "RANGE_IPV6"
    }
  ],
  "next": "GET Range IPv6 data"
}
},

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{
  "name": "GET Range IPv4 data",
  "operation": "GET",
  "transport": {
    "path": "range?start_addr=${E::values{start_addr}}&end_addr=
${E::values{end_addr}}&_return_fields=always_update_dns,comment,ddn
s_generate_hostname,deny_all_clients,deny_bootp,dhcp_utilization,dhcp_utilizati
rk,network_view,option_filter_rules,options,port_control_blackout_setting,recycle_L
    "wapi": "v2.7"
  },
},
{
  "name": "Debug#39",
  "operation": "NOP",
  "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:
{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:
{UT:}}${XC:DEBUG:{R:}}"
},
{
  "name": "set Range IPv4 vars",
  "operation": "NOP",
  "body_list": [
    "${XC:COPY:{L:start_addr}:{E:values{start_addr}}}",
    "${XC:COPY:{L:end_addr}:{E:values{end_addr}}}",
    "${XC:COPY:{L:always_update_dns}:{P:PARSE[0]
{always_update_dns}}}",
    "${XC:COPY:{L:ddns_generate_hostname}:{P:PARSE[0]
{ddns_generate_hostname}}}",
    "${XC:COPY:{L:deny_all_clients}:{P:PARSE[0]
{deny_all_clients}}}",
    "${XC:COPY:{L:deny_bootp}:{P:PARSE[0]{deny_bootp}}}",
    "${XC:COPY:{L:dhcp_utilization}:{P:PARSE[0]
{dhcp_utilization}}}",
    "${XC:COPY:{L:dhcp_utilization_status}:{P:PARSE[0]
{dhcp_utilization_status}}}",
    "${XC:COPY:{L:disable}:{P:PARSE[0]{disable}}}",
    "${XC:COPY:{L:discover_now_status}:{P:PARSE[0]
{discover_now_status}}}",
    "${XC:COPY:{L:dynamic_hosts}:{P:PARSE[0]
{dynamic_hosts}}}",
    "${XC:COPY:{L:high_water_mark}:{P:PARSE[0]

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{high_water_mark}}",
    "${XC:COPY:{L:high_water_mark_reset}:{P:PARSE[0]
{high_water_mark_reset}}}",
    "${XC:COPY:{L:ignore_dhcp_option_list_request}:{P:PARSE[0]
{ignore_dhcp_option_list_request}}}",
    "${XC:COPY:{L:ignore_id}:{P:PARSE[0]{ignore_id}}}",
    "${XC:COPY:{L:extattrs}:{P:PARSE[0]{extattrs}{ePO_GUID}
{value}}}",
    "${XC:COPY:{L:is_split_scope}:{P:PARSE[0]{is_split_scope}}}",
    "${XC:COPY:{L:lease_scavenge_time}:{P:PARSE[0]
{lease_scavenge_time}}}",
    "${XC:COPY:{L:low_water_mark}:{P:PARSE[0]
{low_water_mark}}}",
    "${XC:COPY:{L:low_water_mark_reset}:{P:PARSE[0]
{low_water_mark_reset}}}",
    "${XC:COPY:{L:mac_filter_rules}:{P:PARSE[0]
{mac_filter_rules}}}",
    "${XC:COPY:{L:network}:{P:PARSE[0]{network}}}",
    "${XC:COPY:{L:network_view}:{P:PARSE[0]{network_view}}}",
    "${XC:COPY:{L:port_control_blackout_setting}:{P:PARSE[0]
{port_control_blackout_setting}}}",
    "${XC:COPY:{L:recycle_leases}:{P:PARSE[0]
{recycle_leases}}}",
    "${XC:COPY:{L:same_port_control_discovery_blackout}:
{P:PARSE[0]{same_port_control_discovery_blackout}}}",
    "${XC:COPY:{L:server_association_type}:{P:PARSE[0]
{server_association_type}}}",
    "${XC:COPY:{L:start_addr}:{P:PARSE[0]{start_addr}}}",
    "${XC:COPY:{L:static_hosts}:{P:PARSE[0]{static_hosts}}}",
    "${XC:COPY:{L:subscribe_settings}:{P:PARSE[0]
{subscribe_settings}}}",
    "${XC:COPY:{L:total_hosts}:{P:PARSE[0]{total_hosts}}}",
    "${XC:COPY:{L:update_dns_on_lease_renewal}:{P:PARSE[0]
{update_dns_on_lease_renewal}}}",
    "${XC:ASSIGN:{L:address_type}:{S:}}",
    "${XC:ASSIGN:{L:enable_discovery}:{S:}}",
    "${XC:ASSIGN:{L:ipv6_end_prefix}:{S:}}",
    "${XC:ASSIGN:{L:ipv6_start_prefix}:{S:}}
]
},
{
"name": "Check comment",

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"operation": "CONDITION",
"condition": {
  "condition_type": "AND",
  "statements": [
    {
      "left": "${P::PARSE[0]{comment}}",
      "op": "!=",
      "right": ""
    }
  ],
  "eval": "${XC:COPY:{L:comment}:{P:PARSE[0]{comment}}}",
  "else_eval": "${XC:ASSIGN:{L:comment}:{S:}}"
}
},
{
  "name": "Debug#40",
  "operation": "NOP",
  "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:
{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:
{UT:}}${XC:DEBUG:{R:}}"
},
{
  "name": "Skip to send Data to DXL#4",
  "operation": "CONDITION",
  "condition": {
    "condition_type": "AND",
    "statements": [
      {
        "left": "1",
        "op": "==",
        "right": "1"
      }
    ],
    "next": "check DXL_MessageFormat"
  }
},
{
  "name": "GET Range IPv6 data",
  "operation": "GET",
  "transport": {
    "path": "ipv6range?start_addr=${E::values{start_addr}}
&end_addr=${E::values{end_addr}}&_return_fields=address_type,comme

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nt,disable,discover_now_status,discovery_basic_poll_settings,discovery_blackout_setting,enable_discovery,end_addr,exclude,extattrs,ipv6_end_prefix,ipv6_start_prefix,network,network_view,port_control_blackout_setting,recycle_leases,same_port_control_discovery_blackout,server_association_type,start_addr,subscribe_settings"ø ÔÊ

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    "wapi": "v2.7"
  },
  {
    "name": "Debug#41",
    "operation": "NOP",
    "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:
{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:
{UT:}}${XC:DEBUG:{R:}}"
  },
  {
    "name": "set Range IPv6 vars",
    "operation": "NOP",
    "body_list": [
      "${XC:COPY:{L:start_addr}:{E:values{start_addr}}}",
      "${XC:COPY:{L:end_addr}:{E:values{end_addr}}}",
      "${XC:COPY:{L:address_type}:{P:PARSE[0]{address_type}}}",
      "${XC:COPY:{L:disable}:{P:PARSE[0]{disable}}}",
      "${XC:COPY:{L:discover_now_status}:{P:PARSE[0]
{discover_now_status}}}",
      "${XC:COPY:{L:enable_discovery}:{P:PARSE[0]
{enable_discovery}}}",
      "${XC:COPY:{L:ipv6_end_prefix}:{P:PARSE[0]
{ipv6_end_prefix}}}",
      "${XC:COPY:{L:ipv6_start_prefix}:{P:PARSE[0]
{ipv6_start_prefix}}}",
      "${XC:COPY:{L:extattrs}:{P:PARSE[0]{extattrs}{ePO_GUID}
{value}}}",
      "${XC:COPY:{L:network}:{P:PARSE[0]{network}}}",
      "${XC:COPY:{L:network_view}:{P:PARSE[0]{network_view}}}",
      "${XC:COPY:{L:port_control_blackout_setting}:{P:PARSE[0]
{port_control_blackout_setting}}}",
      "${XC:COPY:{L:recycle_leases}:{P:PARSE[0]
{recycle_leases}}}",
      "${XC:COPY:{L:same_port_control_discovery_blackout}:
{P:PARSE[0]{same_port_control_discovery_blackout}}}",
      "${XC:COPY:{L:server_association_type}:{P:PARSE[0]
{server_association_type}}}",
      "${XC:COPY:{L:subscribe_settings}:{P:PARSE[0]
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{subscribe_settings}}",
    "${XC:ASSIGN:{L:always_update_dns}:{S}}",
    "${XC:ASSIGN:{L:ddns_generate_hostname}:{S}}",
    "${XC:ASSIGN:{L:deny_all_clients}:{S}}",
    "${XC:ASSIGN:{L:deny_bootp}:{S}}",
    "${XC:ASSIGN:{L:dhcp_utilization}:{S}}",
    "${XC:ASSIGN:{L:dhcp_utilization_status}:{S}}",
    "${XC:ASSIGN:{L:dynamic_hosts}:{S}}",
    "${XC:ASSIGN:{L:high_water_mark}:{S}}",
    "${XC:ASSIGN:{L:high_water_mark_reset}:{S}}",
    "${XC:ASSIGN:{L:ignore_dhcp_option_list_request}:{S}}",
    "${XC:ASSIGN:{L:ignore_id}:{S}}",
    "${XC:ASSIGN:{L:is_split_scope}:{S}}",
    "${XC:ASSIGN:{L:lease_scavenge_time}:{S}}",
    "${XC:ASSIGN:{L:low_water_mark}:{S}}",
    "${XC:ASSIGN:{L:low_water_mark_reset}:{S}}",
    "${XC:ASSIGN:{L:mac_filter_rules}:{S}}",
    "${XC:ASSIGN:{L:options}:{S}}",
    "${XC:ASSIGN:{L:static_hosts}:{S}}",
    "${XC:ASSIGN:{L:total_hosts}:{S}}",
    "${XC:ASSIGN:{L:update_dns_on_lease_renewal}:{S}}
]
},
{
  "name": "Check comment#2",
  "operation": "CONDITION",
  "condition": {
    "condition_type": "AND",
    "statements": [
      {
        "left": "${P::PARSE[0]{comment}}",
        "op": "!=",
        "right": ""
      }
    ],
    "eval": "${XC:COPY:{L:comment}:{P:PARSE[0]{comment}}",
    "else_eval": "${XC:ASSIGN:{L:comment}:{S}}
  }
},
{
  "name": "Debug#42",
  "operation": "NOP",

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    "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:
{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:
{UT:}}${XC:DEBUG:{R:}}"
  },
  {
    "name": "check DXL_MessageFormat",
    "operation": "CONDITION",
    "condition": {
      "condition_type": "AND",
      "statements": [
        {
          "left": "${I::DXL_MessageFormat}",
          "op": "==",
          "right": "CEF"
        }
      ],
      "next": "send_CEF"
    }
  },
  {
    "name": "send_OpenDXL",
    "operation": "DXL_SEND_EVENT",
    "body_list": [
      "{",
      "  \"eventMsgType\": \"Infoblox Change Event\",",
      "  \"eventMsgVersion\": \"1.0\",",
      "  \"event\": {",
      "    \"category\": \"${E::event_type}\",",
      "    \"eventDesc\": \"DNS ${E::event_type}
${E::operation_type} event\",",
      "    \"eventType\": \"${E::operation_type}\",",
      "    \"eventId\": \"204164\",",
      "    \"analyzer\": {",
      "      \"id\": \"S_INFBLX0802\",",
      "      \"version\": \"8.2.1\",",
      "      \"name\": \"NIOS\",",
      "      \"detectionMethod\": \"NIOS\",",
      "      \"hostName\": \"${E::member_name}\",",
      "      \"detectedUTC\": \"${L::DetectedUTC}\",",
      "      \"ipv4\": \"${L::internal{analyzer_ipv4}}\",",
      "      \"ipv6\": \"${L::internal{analyzer_ipv6}}\",",
      "    },",
    ]
  }
}

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"    \"entity\": {",
"        \"groupName\": \"\",",
"        \"osPlatform\": \"\",",
"        \"osType\": \"\",",
"        \"type\": \"\",",
"        \"sessionID\": \"\",",
"        \"always_update_dns\": \"${L::always_update_dns}\",",
"        \"ddns_generate_hostname\":",
\"${L::ddns_generate_hostname}\",",
"        \"deny_all_clients\": \"${L::deny_all_clients}\",",
"        \"deny_bootp\": \"${L::deny_bootp}\",",
"        \"dhcp_utilization\": \"${L::dhcp_utilization}\",",
"        \"dhcp_utilization_status\":",
\"${L::dhcp_utilization_status}\",",
"        \"disable\": \"${L::disable}\",",
"        \"discover_now_status\":",
\"${L::discover_now_status}\",",
"        \"dynamic_hosts\": \"${L::dynamic_hosts}\",",
"        \"high_water_mark\": \"${L::high_water_mark}\",",
"        \"high_water_mark_reset\":",
\"${L::high_water_mark_reset}\",",
"        \"ignore_dhcp_option_list_request\":",
\"${L::ignore_dhcp_option_list_request}\",",
"        \"ignore_id\": \"${L::ignore_id}\",",
"        \"is_split_scope\": \"${L::is_split_scope}\",",
"        \"lease_scavenge_time\":",
\"${L::lease_scavenge_time}\",",
"        \"low_water_mark\": \"${L::low_water_mark}\",",
"        \"low_water_mark_reset\":",
\"${L::low_water_mark_reset}\",",
"        \"network\": \"${L::network}\",",
"        \"network_view\": \"${L::network_view}\",",
"        \"recycle_leases\": \"${L::recycle_leases}\",",
"        \"same_port_control_discovery_blackout\":",
\"${L::same_port_control_discovery_blackout}\",",
"        \"server_association_type\":",
\"${L::server_association_type}\",",
"        \"start_addr\": \"${L::start_addr}\",",
"        \"static_hosts\": \"${L::static_hosts}\",",
"        \"subscribe_settings\": \"${L::subscribe_settings}\",",
"        \"total_hosts\": \"${L::total_hosts}\",",
"        \"update_dns_on_lease_renewal\":

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\${L::update_dns_on_lease_renewal}\",",
    "    \address_type\": \"\${L::address_type}\",",
    "    \enable_discovery\": \"\${L::enable_discovery}\",",
    "    \end_addr\": \"\${L::end_addr}\",",
    "    \ipv6_end_prefix\": \"\${L::ipv6_end_prefix}\",",
    "    \comment\": \"\${L::comment}\",",
    "    \ipv6_start_prefix\": \"\${L::ipv6_start_prefix}\",",
    "    },",
    "    \extattr\":{",
    "        \ePO_GUID\": \"\${L::extattrs}\",",
    "    },",
    "    \source\": {",
    "        \ipv4\": \"\${L::internal{source_ipv4}}\",",
    "        \ipv6\": \"\${L::internal{source_ipv6}}\",",
    "        \port\": 00000",
    "    },",
    " }",
    "}"
],
"dxl_topic": "/open/DDI/v1/${E::event_type}/infoblox"
},
{
    "name": "Debug#50",
    "operation": "NOP",
    "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:
{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:
{UT:}}${XC:DEBUG:{R:}}"
},
{
    "name": "goFin",
    "operation": "CONDITION",
    "condition": {
        "condition_type": "OR",
        "statements": [
            {
                "left": "1",
                "op": "==",
                "right": "1"
            }
        ]
    },
    "next": "Fin"
}

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    },
    {
        "name": "send_CEF",
        "operation": "DXL_SEND_EVENT",
        "body_list": [
            {"DXLCommonEvent": {
                "category": "\${E::event_type}",
                "eventDesc": "DNS \${E::event_type} \${E::operation_type}
event",
                "eventType": "\${E::operation_type}",
                "eventId": "204164",
                "AgentGUID": "\${L::GUID}",
                "Analyzer":
                "\${L::internal{analyzer_ipv4}}\${L::internal{analyzer_ipv6}}",
                "AnalyzerDATVersion": "\",
                "AnalyzerDetectionMethod": "\${E::object_type}",
                "AnalyzerHostName": "\${E::member_name}",
                "AnalyzerIPV4": "\${L::internal{analyzer_ipv4}}",
                "AnalyzerIPV6": "\${L::internal{analyzer_ipv6}}",
                "AnalyzerMAC": "\",
                "AnalyzerName": "NIOS",
                "AnalyzerVersion": "8.2.1",
                "DetectedUTC": "\${L::DetectedUTC}",
                "ServerID":
                "\${L::internal{analyzer_ipv4}}\${L::internal{analyzer_ipv6}}",
                "SourceIPV4": "\${L::internal{source_ipv4}}",
                "SourceIPV6": "\${L::internal{source_ipv6}}",
                "SourcePort": "00000",
                "TargetHostName": "\${E::member_name}",
                "TargetIPV4": "\${L::internal{analyzer_ipv4}}",
                "TargetIPV6": "\${L::internal{analyzer_ipv6}}",
                "TargetPort": "53",
                "TargetProtocol": "dns",
                "always_update_dns": "\${L::always_update_dns}",
                "ddns_generate_hostname":
                "\${L::ddns_generate_hostname}",
                "deny_all_clients": "\${L::deny_all_clients}",
                "deny_bootp": "\${L::deny_bootp}",
                "dhcp_utilization": "\${L::dhcp_utilization}",
                "dhcp_utilization_status": "\${L::dhcp_utilization_status}",
                "disable": "\${L::disable}",
                "discover_now_status": "\${L::discover_now_status}",

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        "\dynamic_hosts\": \"${L::dynamic_hosts}\",",
        "\high_water_mark\": \"${L::high_water_mark}\",",
        "\high_water_mark_reset\": \"${L::high_water_mark_reset}\",",
        "\ignore_dhcp_option_list_request\":
\"${L::ignore_dhcp_option_list_request}\",",
        "\ignore_id\": \"${L::ignore_id}\",",
        "\is_split_scope\": \"${L::is_split_scope}\",",
        "\lease_scavenge_time\": \"${L::lease_scavenge_time}\",",
        "\low_water_mark\": \"${L::low_water_mark}\",",
        "\low_water_mark_reset\": \"${L::low_water_mark_reset}\",",
        "\network\": \"${L::network}\",",
        "\network_view\": \"${L::network_view}\",",
        "\recycle_leases\": \"${L::recycle_leases}\",",
        "\same_port_control_discovery_blackout\":
\"${L::same_port_control_discovery_blackout}\",",
        "\server_association_type\": \"${L::server_association_type}\",",
        "\start_addr\": \"${L::start_addr}\",",
        "\ePO_GUID\": \"${L::extattrs}\"",
        "\static_hosts\": \"${L::static_hosts}\",",
        "\subscribe_settings\": \"${L::subscribe_settings}\",",
        "\total_hosts\": \"${L::total_hosts}\",",
        "\update_dns_on_lease_renewal\":
\"${L::update_dns_on_lease_renewal}\",",
        "\address_type\": \"${L::address_type}\",",
        "\enable_discovery\": \"${L::enable_discovery}\",",
        "\end_addr\": \"${L::end_addr}\",",
        "\ipv6_end_prefix\": \"${L::ipv6_end_prefix}\",",
        "\comment\": \"${L::comment}\",",
        "\ipv6_start_prefix\": \"${L::ipv6_start_prefix}\"",
        "}}"
    ],
    "dxi_topic": "/infoblox/outbound/${E::event_type}"
},
{
    "name": "goFin#2",
    "operation": "CONDITION",
    "condition": {
        "condition_type": "OR",
        "statements": [
            {
                "left": "1",
                "op": "==",

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        "right": "1"
    }
  ],
  "next": "Fin"
}
},
{
  "name": "check DXL_MessageFormat_Delete",
  "operation": "CONDITION",
  "condition": {
    "condition_type": "AND",
    "statements": [
      {
        "left": "${I::DXL_MessageFormat}",
        "op": "==",
        "right": "CEF"
      }
    ],
    "next": "send_CEF_Delete"
  }
},
{
  "name": "send_OpenDXL_Delete",
  "operation": "DXL_SEND_EVENT",
  "body_list": [
    "{",
    "  \"eventMsgType\": \"Infoblox Change Event\",",
    "  \"eventMsgVersion\": \"1.0\",",
    "  \"event\": {",
    "    \"category\": \"${E::event_type}\",",
    "    \"eventDesc\": \"DNS ${E::event_type} ${E::operation_type} event\",",
    "    \"eventType\": \"${E::operation_type}\",",
    "    \"eventId\": \"204164\",",
    "    \"analyzer\": {",
    "      \"id\": \"S_INFBLX0802\",",
    "      \"version\": \"8.2.1\",",
    "      \"name\": \"NIOS\",",
    "      \"detectionMethod\": \"NIOS\",",
    "      \"hostName\": \"${E::member_name}\",",
    "      \"detectedUTC\": \"${L::DetectedUTC}\",",
    "      \"ipv4\": \"${L::internal{analyzer_ipv4}}\",",

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        "ipv6": "\${L::internal{analyzer_ipv6}}\",",
    },",
    "source": {,
        "ipv4": "\${L::internal{source_ipv4}}\",",
        "ipv6": "\${L::internal{source_ipv6}}\",",
        "port": 00000",
    },
},",
}
],
"dxi_topic": "/open/DDI/v1/${E::event_type}/infoblox"
},
{
    "name": "goFin#3",
    "operation": "CONDITION",
    "condition": {
        "condition_type": "OR",
        "statements": [
            {
                "left": "1",
                "op": "==",
                "right": "1"
            }
        ],
        "next": "Fin"
    }
},
{
    "name": "send_CEF_Delete",
    "operation": "DXL_SEND_EVENT",
    "body_list": [
        {"DXLCommonEvent": {,
            "category": "\${E::event_type}\",",
            "eventDesc": "DNS ${E::event_type} ${E::operation_type}
event\",",
            "eventType": "\${E::operation_type}\",",
            "eventId": "204164\",",
            "AgentGUID": "\${L::GUID}\",",
            "Analyzer":
"\${L::internal{analyzer_ipv4}}${L::internal{analyzer_ipv6}}\",",
            "AnalyzerDATVersion": "\",",
            "AnalyzerDetectionMethod": "\${E::object_type}\",",

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```
    "\"AnalyzerHostName\": \"${E::member_name}\"",
    "\"AnalyzerIPV4\": \"${L::internal{analyzer_ipv4}}\"",
    "\"AnalyzerIPV6\": \"${L::internal{analyzer_ipv6}}\"",
    "\"AnalyzerMAC\": \"\"",
    "\"AnalyzerName\": \"NIO\"",
    "\"AnalyzerVersion\": \"8.2.1\"",
    "\"DetectedUTC\": \"${L::DetectedUTC}\"",
    "\"ServerID\":
    \"${L::internal{analyzer_ipv4}}${L::internal{analyzer_ipv6}}\"",
    "\"SourceIPV4\": \"${L::internal{source_ipv4}}\"",
    "\"SourceIPV6\": \"${L::internal{source_ipv6}}\"",
    "\"SourcePort\": \"00000\"",
    "\"TargetHostName\": \"${E::member_name}\"",
    "\"TargetIPV4\": \"${L::internal{analyzer_ipv4}}\"",
    "\"TargetIPV6\": \"${L::internal{analyzer_ipv6}}\"",
    "\"TargetPort\": \"53\"",
    "\"TargetProtocol\": \"dns\"",
    "}"
  ],
  "dxi_topic": "/infoblox/outbound/${E::event_type}"
},
{
  "name": "Fin",
  "operation": "NOP",
  "body": ""
}
]
```