

```

{
  "version": "2.0",
  "name": "Create an asset from Host, Reservation, Lease, Range and
start VM scan for Host Reservation and lease",
  "comment": "Create an asset from Host, Reservation, Lease, Range
and start VM scan for Host Reservation and lease",
  "type": "REST_EVENT",
  "event_type": [
    "FIXED_ADDRESS_IPV4",
    "HOST_ADDRESS_IPV4",
    "RANGE_IPV4",
    "LEASE"
  ],
  "instance_variables": [
    {
      "name": "AssetGroup",
      "type": "STRING"
    },
    {
      "name": "Scanner",
      "type": "STRING"
    }
  ],
  "action_type": "Create an asset based on IPAM changes",
  "content_type": "text/xml",
  "vendor_identifier": "Qualys 2.0",
  "quoting": "XML",
  "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": "Debug#0.1",
      "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:}}"}
    }
  ],

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{
  "name": "check If LEASE event",
  "operation": "CONDITION",
  "condition": {
    "condition_type": "AND",
    "statements": [
      {
        "left": "${E:A:event_type}",
        "op": "==",
        "right": "LEASE"
      }
    ],
    "next": "check event typeForLease"
  }
},
{
  "name": "checkDBop",
  "operation": "CONDITION",
  "condition": {
    "condition_type": "AND",
    "statements": [
      {
        "left": "${E:A:operation_type}",
        "op": "!=",
        "right": "INSERT"
      }
    ],
    "stop": true
  }
},
{
  "name": "debugEventsVars",
  "operation": "NOP",
  "body": "${XC:DEBUG:{E:}}"
},
{
  "name": "Debug#1",
  "operation": "NOP",
  "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:
{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:
{UT:}}${XC:DEBUG:{R:}}"}
},

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{
  "name": "check event type",
  "operation": "CONDITION",
  "condition": {
    "condition_type": "AND",
    "statements": [
      {
        "left": "${E:A:values[_ref]}",
        "op": "!=",
        "right": ""
      }
    ],
    "next": "checkSyncFixedHost"
  }
},
{
  "name": "Debug#2",
  "operation": "NOP",
  "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:
{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:
{UT:}}${XC:DEBUG:{R:}}"
},
{
  "name": "gotoQualyslogic",
  "operation": "CONDITION",
  "condition": {
    "condition_type": "AND",
    "statements": [
      {
        "left": "",
        "op": "==",
        "right": ""
      }
    ],
    "next": "initLvars"
  }
},
{
  "name": "Debug#5 and 6",
  "operation": "NOP",
  "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:
{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:

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{UT:}}${XC:DEBUG:{R:}}"
  },
  {
    "name": "checkSyncFixedHost",
    "operation": "CONDITION",
    "condition": {
      "condition_type": "AND",
      "statements": [
        {
          "left": "${E:A:values{extattrs}{Qualys_Asset_VM}{value}}",
          "op": "!=",
          "right": "true"
        },
        {
          "left": "${E:A:values{extattrs}{Qualys_Asset_PC}{value}}",
          "op": "!=",
          "right": "true"
        }
      ],
      "stop": true
    }
  },
  {
    "name": "Debug#6.5",
    "operation": "NOP",
    "body": "${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": "insertNewAssetGroupIfItDoesNotExist",
    "operation": "GET",
    "transport": {
      "path": "/msp/asset_group.php"
    },
    "headers": {
      "X-Requested-With": "InfobloxDDIIntegration"
    },
    "parameters": [
      {
        "name": "action",
        "value": "add"
      }
    ]
  }

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    },
    {
        "name": "title",
        "value": "${E:A:values{extattrs}{Qualys_Assets_Group}
{value}}"
    }
],
"parse": "XML"
},
{
    "name": "Debug#7",
    "operation": "NOP",
    "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:
{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:
{UT:}}${XC:DEBUG:{R:}}"
},
{
    "name": "assignLVarsFixedHost",
    "operation": "NOP",
    "body_list": [
        "${XC:COPY:{L:Qualys_Assets_Group}:{E:values{extattrs}
{Qualys_Assets_Group}{value}}}",
        "${XC:COPY:{L:Qualys_Scanner}:{E:values{extattrs}
{Qualys_Scanner}{value}}}",
        "${XC:COPY:{L:Qualys_Scan_Option}:{E:values{extattrs}
{Qualys_Scan_Option}{value}}}",
        "${XC:COPY:{L:Qualys_Asset_VM}:{E:values{extattrs}
{Qualys_Asset_VM}{value}}}",
        "${XC:COPY:{L:Qualys_Asset_PC}:{E:values{extattrs}
{Qualys_Asset_PC}{value}}}",
        "${XC:COPY:{L:Qualys_Scan}:{E:values{extattrs}
{Qualys_Scan_On_Add}{value}}}",
        "${XC:COPY:{L:Qualys_User_SNMP}:{E:values{extattrs}
{Qualys_User_SNMP}{value}}}",
        "${XC:COPY:{L:Qualys_User_Unix}:{E:values{extattrs}
{Qualys_User_Unix}{value}}}",
        "${XC:COPY:{L:Event}:{E:object_type}}"
    ]
},
{
    "name": "Debug#8",
    "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": "initLvars",
    "operation": "NOP",
    "body_list": [
      "${XC:ASSIGN:{L:Iter}:{I:0}}",
      "${XC:ASSIGN:{L:MaxIter}:{I:3}}"
    ]
  },
  {
    "name": "Debug#9",
    "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": "Init Qualys_Asset_VM_D",
    "operation": "CONDITION",
    "condition": {
      "condition_type": "AND",
      "statements": [
        {
          "left": "${L:A:Qualys_Asset_VM}",
          "op": "==",
          "right": "true"
        }
      ]
    },
    "eval": "${XC:ASSIGN:{L:Qualys_Asset_VM_D}:{I:1}}",
    "else_eval": "${XC:ASSIGN:{L:Qualys_Asset_VM_D}:{I:0}}"
  }
},
{
  "name": "Debug#10",
  "operation": "NOP",
  "body": "${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": "Init Qualys_Asset_PC_D",
  "operation": "CONDITION",
  "condition": {
    "condition_type": "AND",
    "statements": [
      {
        "left": "${L:A:Qualys_Asset_PC}",
        "op": "==",
        "right": "true"
      }
    ],
    "eval": "${XC:ASSIGN:{L:Qualys_Asset_PC_D}:{I:1}}",
    "else_eval": "${XC:ASSIGN:{L:Qualys_Asset_PC_D}:{I:0}}"
  }
},
{
  "name": "Debug#11",
  "operation": "NOP",
  "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:
{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:
{UT:}}${XC:DEBUG:{R:}}"
},
{
  "name": "CHECK EVENT TYPE#1",
  "operation": "CONDITION",
  "condition": {
    "condition_type": "OR",
    "statements": [
      {
        "left": "${E:A:event_type}",
        "op": "==",
        "right": "RANGE_IPV4"
      },
      {
        "left": "${E:A:event_type}",
        "op": "==",
        "right": "LEASE"
      }
    ],
    "next": "CHECK EVENT TYPE#2"
  }
}

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},
{
  "name": "insertAsset",
  "operation": "POST",
  "transport": {
    "path": "/api/2.0/fo/asset/ip/"
  },
  "headers": {
    "X-Requested-With": "InfobloxDDIIntegration"
  },
  "parameters": [
    {
      "name": "action",
      "value": "add"
    },
    {
      "name": "ips",
      "value": "${E:A:values{ipv4addr}}"
    },
    {
      "name": "enable_vm",
      "value": "${L::Qualys_Asset_VM_D}"
    },
    {
      "name": "enable_pc",
      "value": "${L::Qualys_Asset_PC_D}"
    },
    {
      "name": "comment",
      "value": "Created+by+Infoblox+DDI+at+${UT::TIME}+from+
${L::Event}"
    }
  ],
  "parse": "XML"
},
{
  "name": "CHECK EVENT TYPE#2",
  "operation": "CONDITION",
  "condition": {
    "condition_type": "OR",
    "statements": [
      {

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        "left": "${E:A:event_type}",
        "op": "==",
        "right": "FIXED_ADDRESS_IPV4"
    },
    {
        "left": "${E:A:event_type}",
        "op": "==",
        "right": "HOST_ADDRESS_IPV4"
    }
],
"next": "checkInsertAsset"
}
},
{
"name": "insertAsset#2",
"operation": "POST",
"transport": {
    "path": "/api/2.0/fo/asset/ip/"
},
"headers": {
    "X-Requested-With": "InfobloxDDIIntegration"
},
"parameters": [
    {
        "name": "action",
        "value": "add"
    },
    {
        "name": "ips",
        "value": "${E:A:values{start_addr}}-${E:A:values{end_addr}}"
    },
    {
        "name": "enable_vm",
        "value": "${L::Qualys_Asset_VM_D}"
    },
    {
        "name": "enable_pc",
        "value": "${L::Qualys_Asset_PC_D}"
    },
    {
        "name": "comment",
        "value": "Created+by+Infoblox+DDI+at+${UT::TIME}+from+"
    }
]
}

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    "${L::Event}"
      }
    ],
    "parse": "XML"
  },
  {
    "name": "Debug#12",
    "operation": "NOP",
    "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:
    {I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:
    {UT:}}${XC:DEBUG:{R:}}"
  },
  {
    "name": "checkInsertAsset",
    "operation": "CONDITION",
    "condition": {
      "condition_type": "AND",
      "statements": [
        {
          "left": "${P:A:SIMPLE_RETURN{RESPONSE}{TEXT}}",
          "op": "!=",
          "right": "IPs successfully added to Vulnerability
Management"
        },
        {
          "left": "${P:A:SIMPLE_RETURN{RESPONSE}{TEXT}}",
          "op": "!=",
          "right": "IPs successfully added to Compliance
Management"
        },
        {
          "left": "${P:A:SIMPLE_RETURN{RESPONSE}{TEXT}}",
          "op": "!=",
          "right": "IPs successfully added to Vulnerability
Management/Compliance Management"
        }
      ],
      "error": true
    }
  },
  {
    "name": "Debug#13",

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    "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": "checkGroupSet",
    "operation": "CONDITION",
    "condition": {
      "condition_type": "AND",
      "statements": [
        {
          "left": "${L::Qualys_Assets_Group}",
          "op": "==",
          "right": ""
        }
      ],
      "next": "checkSNMPAuth"
    }
  },
  {
    "name": "Debug#14",
    "operation": "NOP",
    "body": "${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": "look for an asset group ID",
    "operation": "POST",
    "transport": {
      "path": "/api/2.0/fo/asset/group/"
    },
    "headers": {
      "X-Requested-With": "InfobloxDDIIntegration"
    },
    "parameters": [
      {
        "name": "action",
        "value": "list"
      }
    ]
  }

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        "name": "title",
        "value": "${L::Qualys_Assets_Group}"
    }
],
"parse": "XML"
},
{
    "name": "Debug#15",
    "operation": "NOP",
    "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:
{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:
{UT:}}${XC:DEBUG:{R:}}"
},
{
    "name": "checkGroupID",
    "operation": "CONDITION",
    "condition": {
        "condition_type": "AND",
        "statements": [
            {
                "left": "${P::ASSET_GROUP_LIST_OUTPUT{RESPONSE}
{ASSET_GROUP_LIST}{ASSET_GROUP}{ID}}",
                "op": "==",
                "right": ""
            }
        ],
        "next": "checkSNMPAuth"
    }
},
{
    "name": "Debug#16",
    "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": "CHECK EVENT TYPE#3",
    "operation": "CONDITION",
    "condition": {
        "condition_type": "OR",
        "statements": [

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        {
            "left": "${E:A:event_type}",
            "op": "==",
            "right": "RANGE_IPV4"
        },
        {
            "left": "${E:A:event_type}",
            "op": "==",
            "right": "LEASE"
        }
    ],
    "next": "CHECK_EVENT_TYPE#4"
}
},
{
    "name": "add the asset to a group",
    "operation": "POST",
    "transport": {
        "path": "/api/2.0/fo/asset/group/"
    },
    "headers": {
        "X-Requested-With": "InfobloxDDIIntegration"
    },
    "parameters": [
        {
            "name": "action",
            "value": "edit"
        },
        {
            "name": "id",
            "value": "${P::ASSET_GROUP_LIST_OUTPUT{RESPONSE}
{ASSET_GROUP_LIST}{ASSET_GROUP}{ID}}"
        },
        {
            "name": "add_ips",
            "value": "${E:A:values{ipv4addr}}"
        }
    ],
    "parse": "XML"
},
{
    "name": "CHECK_EVENT_TYPE#4",

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"operation": "CONDITION",
"condition": {
  "condition_type": "OR",
  "statements": [
    {
      "left": "${E:A:event_type}",
      "op": "==",
      "right": "FIXED_ADDRESS_IPV4"
    },
    {
      "left": "${E:A:event_type}",
      "op": "==",
      "right": "HOST_ADDRESS_IPV4"
    }
  ],
  "next": "checkSNMPAuth"
}
},
{
  "name": "add the asset to a group#2",
  "operation": "POST",
  "transport": {
    "path": "/api/2.0/fo/asset/group/"
  },
  "headers": {
    "X-Requested-With": "InfobloxDDIIntegration"
  },
  "parameters": [
    {
      "name": "action",
      "value": "edit"
    },
    {
      "name": "id",
      "value": "${P::ASSET_GROUP_LIST_OUTPUT{RESPONSE}
{ASSET_GROUP_LIST}{ASSET_GROUP}{ID}}"
    },
    {
      "name": "add_ips",
      "value": "${E:A:values{start_addr}}-${E:A:values{end_addr}}"
    }
  ],
},
],

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```
    "parse": "XML"
  },
  {
    "name": "Debug#17",
    "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": "checkSNMPAuth",
    "operation": "CONDITION",
    "condition": {
      "condition_type": "AND",
      "statements": [
        {
          "left": "${L::Qualys_User_SNMP}",
          "op": "==",
          "right": ""
        }
      ],
      "next": "checkUnixAuth"
    }
  },
  {
    "name": "Debug#18",
    "operation": "NOP",
    "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:
{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:
{UT:}}${XC:DEBUG:{R:}}"
  },
  {
    "name": "look for a snmp auth ID",
    "operation": "POST",
    "transport": {
      "path": "/api/2.0/fo/auth/snmp/"
    },
    "headers": {
      "X-Requested-With": "InfobloxDDIIntegration"
    },
    "parameters": [
      {
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        "name": "action",
        "value": "list"
    },
    {
        "name": "title",
        "value": "${L::Qualys_User_SNMP}"
    }
],
"parse": "XML"
},
{
    "name": "Debug#19",
    "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": "CHECK EVENT TYPE#5",
    "operation": "CONDITION",
    "condition": {
        "condition_type": "OR",
        "statements": [
            {
                "left": "${E:A:event_type}",
                "op": "==",
                "right": "RANGE_IPV4"
            },
            {
                "left": "${E:A:event_type}",
                "op": "==",
                "right": "LEASE"
            }
        ]
    },
    "next": "CHECK EVENT TYPE#6"
}
},
{
    "name": "add the asset to a snmp",
    "operation": "POST",
    "transport": {
        "path": "/api/2.0/fo/auth/snmp/"
    }
}

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    },
    "headers": {
        "X-Requested-With": "InfobloxDDIIntegration"
    },
    "parameters": [
        {
            "name": "action",
            "value": "update"
        },
        {
            "name": "ids",
            "value": "${P::AUTH_SNMP_LIST_OUTPUT{RESPONSE}}
{AUTH_SNMP_LIST}{AUTH_SNMP}{ID}"
        },
        {
            "name": "add_ips",
            "value": "${E:A:values{ipv4addr}}"
        }
    ],
    "parse": "XML"
},
{
    "name": "CHECK EVENT TYPE#6",
    "operation": "CONDITION",
    "condition": {
        "condition_type": "OR",
        "statements": [
            {
                "left": "${E:A:event_type}",
                "op": "==",
                "right": "FIXED_ADDRESS_IPV4"
            },
            {
                "left": "${E:A:event_type}",
                "op": "==",
                "right": "HOST_ADDRESS_IPV4"
            }
        ],
        "next": "checkUnixAuth"
    }
},
{

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"name": "add the asset to a snmp#2",
"operation": "POST",
"transport": {
  "path": "/api/2.0/fo/auth/snmp/"
},
"headers": {
  "X-Requested-With": "InfobloxDDIIntegration"
},
"parameters": [
  {
    "name": "action",
    "value": "update"
  },
  {
    "name": "ids",
    "value": "${P::AUTH_SNMP_LIST_OUTPUT{RESPONSE}
{AUTH_SNMP_LIST}{AUTH_SNMP}{ID}}"
  },
  {
    "name": "add_ips",
    "value": "${E:A:values{start_addr}}-${E:A:values{end_addr}}"
  }
],
"parse": "XML"
},
{
  "name": "Debug#20",
  "operation": "NOP",
  "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:
{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:
{UT:}}${XC:DEBUG:{R:}}"
},
{
  "name": "checkUnixAuth",
  "operation": "CONDITION",
  "condition": {
    "condition_type": "AND",
    "statements": [
      {
        "left": "${L::Qualys_User_Unix}",
        "op": "==",
        "right": ""
      }
    ]
  }
}

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    }
  ],
  "next": "look for a Unix auth ID"
}
},
{
  "name": "Debug#21",
  "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": "look for a Unix auth ID",
  "operation": "POST",
  "transport": {
    "path": "/api/2.0/fo/auth/unix/"
  },
  "headers": {
    "X-Requested-With": "InfobloxDDIIntegration"
  },
  "parameters": [
    {
      "name": "action",
      "value": "list"
    },
    {
      "name": "title",
      "value": "${L::Qualys_User_Unix}"
    }
  ]
},
"parse": "XML"
},
{
  "name": "Debug#22",
  "operation": "NOP",
  "body": "${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": "CHECK EVENT TYPE#7",
```

```

"operation": "CONDITION",
"condition": {
  "condition_type": "OR",
  "statements": [
    {
      "left": "${E:A:event_type}",
      "op": "==",
      "right": "RANGE_IPV4"
    },
    {
      "left": "${E:A:event_type}",
      "op": "==",
      "right": "LEASE"
    }
  ],
  "next": "CHECK EVENT TYPE#8"
}
},
{
  "name": "add the asset to a Unix",
  "operation": "POST",
  "transport": {
    "path": "/api/2.0/fo/auth/unix/"
  },
  "headers": {
    "X-Requested-With": "InfobloxDDIIntegration"
  },
  "parameters": [
    {
      "name": "action",
      "value": "update"
    },
    {
      "name": "ids",
      "value": "${P::AUTH_UNIX_LIST_OUTPUT{RESPONSE}
{AUTH_UNIX_LIST}{AUTH_UNIX}{ID}}"
    },
    {
      "name": "add_ips",
      "value": "${E:A:values{ipv4addr}}"
    }
  ],
},
],

```

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    "parse": "XML"
  },
  {
    "name": "CHECK EVENT TYPE#8",
    "operation": "CONDITION",
    "condition": {
      "condition_type": "OR",
      "statements": [
        {
          "left": "${E:A:event_type}",
          "op": "==",
          "right": "FIXED_ADDRESS_IPV4"
        },
        {
          "left": "${E:A:event_type}",
          "op": "==",
          "right": "HOST_ADDRESS_IPV4"
        }
      ],
      "next": "assignSyncVarsAndRefValue"
    }
  },
  {
    "name": "add the asset to a Unix#2",
    "operation": "POST",
    "transport": {
      "path": "/api/2.0/fo/auth/unix/"
    },
    "headers": {
      "X-Requested-With": "InfobloxDDIIntegration"
    },
    "parameters": [
      {
        "name": "action",
        "value": "update"
      },
      {
        "name": "ids",
        "value": "${P::AUTH_UNIX_LIST_OUTPUT{RESPONSE}
{AUTH_UNIX_LIST}{AUTH_UNIX}{ID}}"
      }
    ]
  }

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        "name": "add_ips",
        "value": "${E:A:values{start_addr}}-${E:A:values{end_addr}}"
    }
],
"parse": "XML"
},
{
    "name": "Debug#23",
    "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": "check If RANGE_IPV4 event to skip to the end",
    "operation": "CONDITION",
    "condition": {
        "condition_type": "AND",
        "statements": [
            {
                "left": "${E:A:event_type}",
                "op": "==",
                "right": "RANGE_IPV4"
            }
        ],
        "next": "END"
    }
},
{
    "name": "assignSyncVarsAndRefValue",
    "operation": "NOP",
    "body_list": [
        "${XC:COPY:{L:SyncTime}:
{UT:TIME}}${XC:FORMAT:TRUNCATE:{L:SyncTime}:{10t}}${XC:COPY:
{L:REF}:{E:values{_ref}}}"
    ]
},
{
    "name": "assignScanVars",
    "operation": "NOP",
    "body_list": [
        "${XC:COPY:{L:ScanTime}:

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{UT:TIME}}${XC:FORMAT:TRUNCATE:{L:ScanTime}:{10t}}"
    ]
  },
  {
    "name": "Debug#23.1",
    "operation": "NOP",
    "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:
{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:
{UT:}}${XC:DEBUG:{R:}}"
  },
  {
    "name": "CheckifHost",
    "operation": "CONDITION",
    "condition": {
      "condition_type": "AND",
      "statements": [
        {
          "left": "${E:A:object_type}",
          "op": "!=",
          "right": "HostAddress"
        }
      ],
      "next": "Update_sync"
    }
  },
  {
    "name": "Debug#23.2",
    "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:}}"
  },
  {
    "name": "Get Host _ref",
    "operation": "GET",
    "transport": {
      "path": "record:host?
_return_fields=name,extattrs&network_view=${E::values{network_view}}
&name=${E::values{host}}&ipv4addr=${E::values{ipv4addr}}"
    },
    "wapi": "v2.6"
  },
},

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{
  "name": "Debug#23.3",
  "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": "assignHostRef",
  "operation": "NOP",
  "body_list": [
    "${XC:COPY:{L:REF}:{P:PARSE[0]{_ref}}}"
  ]
},
{
  "name": "Debug#23.4",
  "operation": "NOP",
  "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:
{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:
{UT:}}${XC:DEBUG:{R:}}"
},
{
  "name": "Update_sync",
  "operation": "PUT",
  "transport": {
    "path": "${L:A:REF}"
  },
  "wapi": "v2.6",
  "wapi_quoting": "JSON",
  "body_list": [
    "{",
    "\"extattrs+\":{\"Qualys_SyncTime\": { \"value\":
\\${L:U:SyncTime}\\}}\",",
    "\"Qualys_Sync_Group\": { \"value\": \\${E::values{extattrs}
{Qualys_Assets_Group}{value}\\}}\",",
    "\"Qualys_SNMP\": { \"value\": \\${E::values{extattrs}
{Qualys_User_SNMP}{value}\\}}\",",
    "\"Qualys_UNIX\": { \"value\": \\${E::values{extattrs}
{Qualys_User_Unix}{value}\\}}\",
    "}",
    "}"
  ]
}

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    },
    {
        "name": "Debug#23.5",
        "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": "checkScanVM",
        "operation": "CONDITION",
        "condition": {
            "condition_type": "OR",
            "statements": [
                {
                    "left": "${L::Qualys_Scan}",
                    "op": "==",
                    "right": ""
                },
                {
                    "left": "${L::Qualys_Scan}",
                    "op": "==",
                    "right": "false"
                },
                {
                    "left": "${L::Qualys_Scanner}",
                    "op": "==",
                    "right": ""
                },
                {
                    "left": "${L::Qualys_Scan_Option}",
                    "op": "==",
                    "right": ""
                }
            ],
            "next": "END"
        }
    },
    {
        "name": "Debug#24",
        "operation": "NOP",
        "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:

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{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:
{UT:}}${XC:DEBUG:{R:}}"
    },
    {
        "name": "VMScanSleep1",
        "operation": "SLEEP",
        "timeout": "30"
    },
    {
        "name": "Debug#25",
        "operation": "NOP",
        "body": "${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": "GetHostsWithSameIPThatWhereScannedToday",
        "operation": "GET",
        "transport": {
            "path": "record:host?_return_fields=extattrs&ipv4addr=
${E:A:values(ipv4addr)}&*Qualys_LastScanTime=${L:U:ScanTime}"
        },
        "wapi": "v2.6",
        "parse": "JSON"
    },
    {
        "name": "Debug#25.1",
        "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": "CheckIfIPWasScannedTodayByHost",
        "operation": "CONDITION",
        "condition": {
            "condition_type": "OR",
            "statements": [
                {
                    "left": "${P:A:PARSE[0]}",
                    "op": "!=",
                    "right": ""
                }
            ]
        }
    }

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    }
  ],
  "next": "END"
}
},
{
  "name": "Debug#25.2",
  "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:}}"
},
{
  "name":
"GetIPv4ReservationsWithSameIPThatWhereScannedToday",
  "operation": "GET",
  "transport": {
    "path": "fixedaddress?_return_fields=extattrs&ipv4addr=
${E:A:values{ipv4addr}}&*Qualys_LastScanTime=${L:U:ScanTime}"
  },
  "wapi": "v2.6",
  "parse": "JSON"
},
{
  "name": "Debug#25.3",
  "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": "CheckIfIPWasScannedTodayByIPv4Reservation",
  "operation": "CONDITION",
  "condition": {
    "condition_type": "OR",
    "statements": [
      {
        "left": "${P:A:PARSE[0]}",
        "op": "!=",
        "right": ""
      }
    ]
  }
},

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    "next": "END"
  }
},
{
  "name": "Debug#25.5",
  "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": "CHECK EVENT TYPE#9",
  "operation": "CONDITION",
  "condition": {
    "condition_type": "OR",
    "statements": [
      {
        "left": "${E:A:event_type}",
        "op": "==",
        "right": "RANGE_IPV4"
      },
      {
        "left": "${E:A:event_type}",
        "op": "==",
        "right": "LEASE"
      }
    ]
  },
  "next": "END"
}
},
{
  "name": "launchVMscan",
  "operation": "POST",
  "transport": {
    "path": "/api/2.0/fo/scan/"
  },
  "headers": {
    "X-Requested-With": "InfobloxDDIIntegration"
  },
  "parameters": [
    {
      "name": "action",

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        "value": "launch"
    },
    {
        "name": "scan_title",
        "value": "${E:A:values{ipv4addr}}+scan+initiated+by+Infoblox
+at+${UT::TIME}"
    },
    {
        "name": "ip",
        "value": "${E:A:values{ipv4addr}}"
    },
    {
        "name": "iscanner_name",
        "value": "${L::Qualys_Scanner}"
    },
    {
        "name": "option_title",
        "value": "${L:U:Qualys_Scan_Option}"
    }
],
"parse": "XML"
},
{
    "name": "Debug#26",
    "operation": "NOP",
    "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:
{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:
{UT:}}${XC:DEBUG:{R:}}"
},
{
    "name": "checkScanStart",
    "operation": "CONDITION",
    "condition": {
        "condition_type": "OR",
        "statements": [
            {
                "left": "${P::SIMPLE_RETURN{RESPONSE}{TEXT}}",
                "op": "!=",
                "right": "New vm scan launched"
            }
        ]
    },
    "next": "END"
}

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    }
  },
  {
    "name": "Debug#26.5",
    "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": "Update_Scan",
    "operation": "PUT",
    "transport": {
      "path": "${L:A:REF}"
    },
    "wapi": "v2.6",
    "wapi_quoting": "JSON",
    "body_list": [
      {"extattrs+\\": {"Qualys_LastScanTime\\": { \"value\\":
\\${L:U:ScanTime}\\}}}"
    ]
  },
  {
    "name": "Debug#27",
    "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": "END",
    "operation": "CONDITION",
    "condition": {
      "condition_type": "AND",
      "statements": [
        {
          "left": "",
          "op": "==",
          "right": ""
        }
      ]
    },
    "stop": true
  }
}
```

},  
}

```

{
  "name": "check event typeForLease",
  "operation": "CONDITION",
  "condition": {
    "condition_type": "AND",
    "statements": [
      {
        "left": "${E:A:values{_ref}}",
        "op": "!=",
        "right": ""
      }
    ],
    "stop": true
  }
},
{
  "name": "Debug#2ForLease",
  "operation": "NOP",
  "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:
{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:
{UT:}}${XC:DEBUG:{R:}}"
},
{
  "name": "checkSyncLeaseForLease",
  "operation": "CONDITION",
  "condition": {
    "condition_type": "AND",
    "statements": [
      {
        "left": "${E:A:ip.extattrs{Qualys_Asset_VM}}",
        "op": "!=",
        "right": "true"
      },
      {
        "left": "${E:A:ip.extattrs{Qualys_Asset_PC}}",
        "op": "!=",
        "right": "true"
      }
    ],
  }
},

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        "stop": true
    }
},
{
    "name": "Debug#3ForLease",
    "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": "insertNewAssetGroupIfItDoesNotExistForLease",
    "operation": "GET",
    "transport": {
        "path": "/msp/asset_group.php"
    },
    "headers": {
        "X-Requested-With": "InfobloxDDIIntegration"
    },
    "parameters": [
        {
            "name": "action",
            "value": "add"
        },
        {
            "name": "title",
            "value": "${E:A.ip.extattrs{Qualys_Assets_Group}}"
        }
    ],
    "parse": "XML"
},
{
    "name": "Debug#3.1ForLease",
    "operation": "NOP",
    "body": "${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": "assignLVarsForLease",
    "operation": "NOP",
    "body_list": [

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        "${XC:COPY:{L:ipv4addr}:{E:address}}",
        "${XC:COPY:{L:Qualys_Assets_Group}:
{E:ip.extattrs{Qualys_Assets_Group}}}",
        "${XC:COPY:{L:Qualys_Scanner}:
{E:ip.extattrs{Qualys_Scanner}}}",
        "${XC:COPY:{L:Qualys_Scan_Option}:
{E:ip.extattrs{Qualys_Scan_Option}}}",
        "${XC:COPY:{L:Qualys_Asset_VM}:
{E:ip.extattrs{Qualys_Asset_VM}}}",
        "${XC:COPY:{L:Qualys_Asset_PC}:
{E:ip.extattrs{Qualys_Asset_PC}}}",
        "${XC:COPY:{L:Qualys_Scan}:
{E:ip.extattrs{Qualys_Scan_On_Add}}}",
        "${XC:COPY:{L:Qualys_User_SNMP}:
{E:ip.extattrs{Qualys_User_SNMP}}}",
        "${XC:COPY:{L:Qualys_User_Unix}:
{E:ip.extattrs{Qualys_User_Unix}}}",
        "${XC:ASSIGN:{L:Event}:{S:Lease}}"}
    ]
},
{
    "name": "Debug#4ForLease",
    "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": "Init Qualys_Asset_VM_DForLease",
    "operation": "CONDITION",
    "condition": {
        "condition_type": "AND",
        "statements": [
            {
                "left": "${L:A:Qualys_Asset_VM}",
                "op": "==",
                "right": "true"
            }
        ]
    },
    "eval": "${XC:ASSIGN:{L:Qualys_Asset_VM_D}:{I:1}}",
    "else_eval": "${XC:ASSIGN:{L:Qualys_Asset_VM_D}:{I:0}}"}
}

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    },
    {
      "name": "Debug#10ForLease",
      "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": "Init Qualys_Asset_PC_DForLease",
      "operation": "CONDITION",
      "condition": {
        "condition_type": "AND",
        "statements": [
          {
            "left": "${L:A:Qualys_Asset_PC}",
            "op": "==",
            "right": "true"
          }
        ],
        "eval": "${XC:ASSIGN:{L:Qualys_Asset_PC_D}:{I:1}}",
        "else_eval": "${XC:ASSIGN:{L:Qualys_Asset_PC_D}:{I:0}}"
      }
    },
    {
      "name": "Debug#11ForLease",
      "operation": "NOP",
      "body": "${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": "insertAssetForLease",
      "operation": "POST",
      "transport": {
        "path": "/api/2.0/fo/asset/ip/"
      },
      "headers": {
        "X-Requested-With": "InfobloxDDIIntegration"
      },
      "parameters": [
        {

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        "name": "action",
        "value": "add"
    },
    {
        "name": "ips",
        "value": "${L::ipv4addr}"
    },
    {
        "name": "enable_vm",
        "value": "${L::Qualys_Asset_VM_D}"
    },
    {
        "name": "enable_pc",
        "value": "${L::Qualys_Asset_PC_D}"
    },
    {
        "name": "comment",
        "value": "Created+by+Infoblox+DDI+at+${UT::TIME}+from+
${L::Event}"
    }
],
"parse": "XML"
},
{
    "name": "Debug#12ForLease",
    "operation": "NOP",
    "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:
{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:
{UT:}}${XC:DEBUG:{R:}}"
},
{
    "name": "checkInsertAssetForLease",
    "operation": "CONDITION",
    "condition": {
        "condition_type": "AND",
        "statements": [
            {
                "left": "${P:A:SIMPLE_RETURN{RESPONSE}{TEXT}}",
                "op": "!=",
                "right": "IPs successfully added to Vulnerability
Management"
            }
        ]
    }
},

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    {
      "left": "${P:A:SIMPLE_RETURN{RESPONSE}{TEXT}}",
      "op": "!=",
      "right": "IPs successfully added to Compliance
Management"
    },
    {
      "left": "${P:A:SIMPLE_RETURN{RESPONSE}{TEXT}}",
      "op": "!=",
      "right": "IPs successfully added to Vulnerability
Management/Compliance Management"
    }
  ],
  "error": true
}
},
{
  "name": "Debug#13ForLease",
  "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": "checkGroupSetForLease",
  "operation": "CONDITION",
  "condition": {
    "condition_type": "AND",
    "statements": [
      {
        "left": "${L::Qualys_Assets_Group}",
        "op": "==",
        "right": ""
      }
    ]
  },
  "next": "checkSNMPAuthForLease"
}
},
{
  "name": "Debug#14ForLease",
  "operation": "NOP",
  "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:

```

```

{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:
{UT:}}${XC:DEBUG:{R:}}"
    },
    {
        "name": "look for an asset group IDForLease",
        "operation": "POST",
        "transport": {
            "path": "/api/2.0/fo/asset/group/"
        },
        "headers": {
            "X-Requested-With": "InfobloxDDIIntegration"
        },
        "parameters": [
            {
                "name": "action",
                "value": "list"
            },
            {
                "name": "title",
                "value": "${L::Qualys_Assets_Group}"
            }
        ],
        "parse": "XML"
    },
    {
        "name": "Debug#15ForLease",
        "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": "checkGroupIDForLease",
        "operation": "CONDITION",
        "condition": {
            "condition_type": "AND",
            "statements": [
                {
                    "left": "${P::ASSET_GROUP_LIST_OUTPUT{RESPONSE}
{ASSET_GROUP_LIST}{ASSET_GROUP}{ID}}",
                    "op": "==",
                    "right": ""
                }
            ]
        }
    }

```

```

    }
  ],
  "next": "checkSNMPAuthForLease"
}
},
{
  "name": "Debug#16ForLease",
  "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": "add the asset to a groupForLease",
  "operation": "POST",
  "transport": {
    "path": "/api/2.0/fo/asset/group/"
  },
  "headers": {
    "X-Requested-With": "InfobloxDDIIntegration"
  },
  "parameters": [
    {
      "name": "action",
      "value": "edit"
    },
    {
      "name": "id",
      "value": "${P::ASSET_GROUP_LIST_OUTPUT{RESPONSE}
{ASSET_GROUP_LIST}{ASSET_GROUP}{ID}}"
    },
    {
      "name": "add_ips",
      "value": "${L::ipv4addr}"
    }
  ],
  "parse": "XML"
},
{
  "name": "Debug#17ForLease",
  "operation": "NOP",
  "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:

```

```

{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:
{UT:}}${XC:DEBUG:{R:}}"
  },
  {
    "name": "checkSNMPAuthForLease",
    "operation": "CONDITION",
    "condition": {
      "condition_type": "AND",
      "statements": [
        {
          "left": "${L::Qualys_User_SNMP}",
          "op": "==",
          "right": ""
        }
      ],
      "next": "checkUnixAuthForLease"
    }
  },
  {
    "name": "Debug#18ForLease",
    "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": "look for a snmp auth IDForLease",
    "operation": "POST",
    "transport": {
      "path": "/api/2.0/fo/auth/snmp/"
    },
    "headers": {
      "X-Requested-With": "InfobloxDDIIntegration"
    },
    "parameters": [
      {
        "name": "action",
        "value": "list"
      },
      {
        "name": "title",
        "value": "${L::Qualys_User_SNMP}"
      }
    ]
  }

```



```

    }
  ],
  "parse": "XML"
},
{
  "name": "Debug#19ForLease",
  "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": "add the asset to a snmpForLease",
  "operation": "POST",
  "transport": {
    "path": "/api/2.0/fo/auth/snmp/"
  },
  "headers": {
    "X-Requested-With": "InfobloxDDIIntegration"
  },
  "parameters": [
    {
      "name": "action",
      "value": "update"
    },
    {
      "name": "ids",
      "value": "${P::AUTH_SNMP_LIST_OUTPUT{RESPONSE}
{AUTH_SNMP_LIST}{AUTH_SNMP}{ID}}"
    },
    {
      "name": "add_ips",
      "value": "${L::ipv4addr}"
    }
  ],
  "parse": "XML"
},
{
  "name": "Debug#20ForLease",
  "operation": "NOP",
  "body": "${XC:DEBUG:{H:}}${XC:DEBUG:{E:}}${XC:DEBUG:
{I:}}${XC:DEBUG:{L:}}${XC:DEBUG:{S:}}${XC:DEBUG:{P:}}${XC:DEBUG:

```

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{UT:}}${XC:DEBUG:{R:}}"
  },
  {
    "name": "checkUnixAuthForLease",
    "operation": "CONDITION",
    "condition": {
      "condition_type": "AND",
      "statements": [
        {
          "left": "${L::Qualys_User_Unix}",
          "op": "==",
          "right": ""
        }
      ],
      "next": "look for a Unix auth IDForLease"
    }
  },
  {
    "name": "Debug#21ForLease",
    "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": "look for a Unix auth IDForLease",
    "operation": "POST",
    "transport": {
      "path": "/api/2.0/fo/auth/unix/"
    },
    "headers": {
      "X-Requested-With": "InfobloxDDIIntegration"
    },
    "parameters": [
      {
        "name": "action",
        "value": "list"
      },
      {
        "name": "title",
        "value": "${L::Qualys_User_Unix}"
      }
    ]
  }

```

```

    ],
    "parse": "XML "
  },
  {
    "name": "Debug#22ForLease",
    "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": "add the asset to a UnixForLease",
    "operation": "POST",
    "transport": {
      "path": "/api/2.0/fo/auth/unix/"
    },
    "headers": {
      "X-Requested-With": "InfobloxDDIIntegration"
    },
    "parameters": [
      {
        "name": "action",
        "value": "update"
      },
      {
        "name": "ids",
        "value": "${P::AUTH_UNIX_LIST_OUTPUT{RESPONSE}
{AUTH_UNIX_LIST}{AUTH_UNIX}{ID}}"}
      },
      {
        "name": "add_ips",
        "value": "${L::ipv4addr}"
      }
    ]
  },
  "parse": "XML "
},
{
  "name": "Debug#23ForLease",
  "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": "checkScanVMForLease",
      "operation": "CONDITION",
      "condition": {
        "condition_type": "OR",
        "statements": [
          {
            "left": "${L::Qualys_Scan}",
            "op": "==",
            "right": ""
          },
          {
            "left": "${L::Qualys_Scan}",
            "op": "==",
            "right": "false"
          },
          {
            "left": "${L::Qualys_Scanner}",
            "op": "==",
            "right": ""
          },
          {
            "left": "${L::Qualys_Scan_Option}",
            "op": "==",
            "right": ""
          }
        ],
        "next": "ENDForLease"
      }
    },
    {
      "name": "Debug#24ForLease",
      "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": "VMScanSleep1ForLease",
      "operation": "SLEEP",
      "timeout": "30"
    }
  ]
}

```

```

    },
    {
        "name": "Debug#25ForLease",
        "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": "launchVMscanForLease",
        "operation": "POST",
        "transport": {
            "path": "/api/2.0/fo/scan/"
        },
        "headers": {
            "X-Requested-With": "InfobloxDDIIntegration"
        },
        "parameters": [
            {
                "name": "action",
                "value": "launch"
            },
            {
                "name": "scan_title",
                "value": "${L::ipv4addr}+scan+initiated+by+Infoblox+at+
${UT::TIME}"
            },
            {
                "name": "ip",
                "value": "${L::ipv4addr}"
            },
            {
                "name": "iscanner_name",
                "value": "${L::Qualys_Scanner}"
            },
            {
                "name": "option_title",
                "value": "${L:U:Qualys_Scan_Option}"
            }
        ],
        "parse": "XML"
    },

```

```

    {
      "name": "Debug#26ForLease",
      "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": "checkScanStartForLease",
      "operation": "CONDITION",
      "condition": {
        "condition_type": "OR",
        "statements": [
          {
            "left": "${P::SIMPLE_RETURN{RESPONSE}{TEXT}}",
            "op": "!=",
            "right": "New vm scan launched"
          }
        ],
        "next": "ENDForLease"
      }
    },
    {
      "name": "Debug#27ForLease",
      "operation": "NOP",
      "body": "${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": "ENDForLease",
      "operation": "NOP"
    }
  ]
}

```