Hyperbus 动态操作手册

导致 hyperbus 通道发生故障的原因可能多种。对通道故障的根本原因和 hyperbus 连接状态进行故障排除非常耗时。为了降低这种故障排除成本和缩短时间，VMware NSX 现在支持 hyperbus 通道的动态 ODS 操作手册。该动态 hyperbus 操作手册可以检查以下 hyperbus 问题并提供修复建议：

* Hyperbus 连接
* Hyperbus 连接的配置
* vmknic
* hyperbus 连接的状态

执行以下步骤以下载并运行动态 hyperbus 操作手册。

1. 下载并安装动态 hyperbus 操作手册。有关下载和安装动态操作手册的详细信息，请参见《NSX 管理指南》中的“安装动态操作手册”。
2. 运行以下 API 以调用操作手册。

POST https://{{MANAGER\_IP}}/policy/api/v1/infra/sha/runbook-invocations/HyperbusConnectivity

  {

    "runbook\_path": "/infra/sha/dynamic-runbooks/efe15a84-64fa-635d- a2cf-4d50a1b167d4",

    "target\_node": "ce2d4f53-089e-44af-a250-c69ee1ed97e2",

    "arguments": [

        {

            "key": "vif",

            "value": "206d5944-cc61-4b50-bb66-030562f3d864"

        }

    ]

}

1. 运行以下 API 以获取调用结果。

GET https://{{MANAGER\_IP}}/policy/api/v1/infra/sha/runbook-invocations/HyperbusConnectivity/report

**LSP 配置问题的示例响应：**

{

    "invocation\_id": "9c384516-98bf-4082-9d79-9320f139ca26",

    "target\_node": "ce2d4f53-089e-44af-a250-c69ee1ed97e2",

    "timestamp": 1699931929,

    "sys\_info": {

        "host\_name": "wdc-10-215-252-25.nimbus.eng.vmware.com",

        "os\_name": "VMkernel",

        "os\_version": "7.0.0"

    },

    "result\_message": "The vif 206d5944-cc61-4b50-bb66-030562f3d864 is not a parent vif in lsp 47bebf00-c29d-4b7f-9612-d436d61ebdea.",

    "recommendation\_message": "No action needs to be taken.",

    "step\_details": [

        {

            "step\_id": 1,

            "action\_summary": "Check the state of hyperbus channel for the given VIF.",

            "action\_result": "Hyperbus connection with VIF 206d5944-cc61-4b50-bb66-030562f3d864 does not exist. Please check hyperbus vif talbe."

        },

        {

            "step\_id": 2,

            "action\_summary": "Check hyperbus vif talbe with the given VIF.",

            "action\_result": "The VIF is connected. Please check LSP 47bebf00-c29d-4b7f-9612-d436d61ebdea config of hyperbus connection with VIF 206d5944-cc61-4b50-bb66-030562f3d864."

        },

        {

            "step\_id": 3,

            "action\_summary": "Check the lsp config with the given VIF.",

            "action\_result": "The vif 206d5944-cc61-4b50-bb66-030562f3d864 is not a parent vif in lsp 47bebf00-c29d-4b7f-9612-d436d61ebdea."

        }

    ],

    "status": {

        "request\_status": "SUCCESS",

        "operation\_state": "FINISHED"

    }

}