

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
- vmknics
- 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"
    }
  ]
}
```

3. 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"
  }
}

```