

Hyperbus 動態 Runbook

Hyperbus 通道可能會因為多種原因而發生中斷。疑難排解通道中斷和 Hyperbus 連線狀態的根本原因非常耗時。為了減少此疑難排解成本和時間，VMware NSX 現在支援 Hyperbus 通道的動態 ODS Runbook。動態 Hyperbus Runbook 可以檢查下列 Hyperbus 問題並提供修復建議：

- Hyperbus 連線
- Hyperbus 連線的組態
- vmknics
- Hyperbus 連線的狀態

執行下列步驟以下載並執行動態 Hyperbus Runbook。

1. 下載並安裝動態 Hyperbus Runbook。如需有關下載並安裝動態 Runbook 的詳細資訊，請參閱《NSX 管理指南》中的〈安裝動態 Runbook〉。
2. 執行以下 API，以叫用 Runbook。

```
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. 執行以下 API，以取得叫用結果。

```
GET https://{MANAGER_IP}/policy/api/v1/infra/sha/runbook-
invocations/HyperbusConnectivity/report
```

LSP 組態問題的回應範例：

```
{
  "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"
  }
}
```