

Intra-Cluster VNFC Communication Through Packet Ports

In this section:

- Overview
- Configuration Example
- References

 Related articles:

- [Cluster Admin - CLI](#)
- [Configuring Intra-Cluster VNFC Communication Through Packet Ports](#)

Overview

The SBC supports IP addresses (IPv4 and IPv6) for packet interface (`pkt0` and `pkt1`) for intra-cluster Virtual Network Function Component (VNFC) communication of Distributed SBCs (D-SBCs) by assigning an IP Interface Group. Packet interface along with management interface can be used for intra-cluster VNFC communication.

The SBC uses UDP port number 3057 associated with the management interface for intra-cluster VNFC communication. When packet interface is used for intra-cluster VNFC communication, set the parameter `baseUdpPort` to a value higher than 3057.

For a non-cloud SBC configurations, specify the IP addresses required for intra-cluster VNFC communication.



Note

You must restart the SBC after changing IP addresses for intra-cluster VNFC communication.

Configuration Example

To configure packet interface using IPv6 address for VNFC communication in a Cloud M-SBC cluster:

```
set system clusterAdmin clusterComm type ip addressContext default ipInterfaceGroup MLIG2 pktIpVar
IF3.IPV6
commit
```

To configure packet interface using IPv4 address for VNFC communication in a Cloud M-SBC cluster:

```
set system clusterAdmin clusterComm type ip addressContext default ipInterfaceGroup MLIG2 pktIpVar
IF3.IPV4
commit
```

To configure management interface using IPv6 address for VNFC communication in a Cloud M-SBC cluster:

```
set system clusterAdmin clusterComm type mgmt mgmtInterfaceGroup mgmtGroup mgmtIpVar IFO.IPV6
commit
```

To configure management interface using IPv4 address for VNFC communication in a Cloud M-SBC cluster:

```
set system clusterAdmin clusterComm type mgmt mgmtInterfaceGroup mgmtGroup mgmtIpVar IFO.IPV4
commit
```

References

- For further details on CLI changes and configuration examples, refer to [Cluster Admin - CLI](#).
- For configuring this feature, refer to [Configuring Intra-Cluster VNFC Communication Through Packet Ports](#).

