86- Dual-Parenting local-node Configuration Commands

86.1 Dual-Parenting local-node Configuration Command Tree

Description

This chapter gives an overview of nodes that are handled by "Dual-Parenting local-node Configuration Commands".

Command Tree

```
----configure
    ----dual-parenting
        ----[no] local-node
            - (node-id)
            - node-name
            - ip_subnet
```

86.2 Dual-Parenting local-node Configuration Command

Command Description

This command allows the operator to configure a local node . The system will decide which port of the two becomes active. In case of failure of one port the other port will take over. A forced switchover can also be triggered manually by the operator.

The port protection group is identified by the first port in the group that is intended to be protected. The following parameters can be configured for the protection group :
* *local-node-id: the local-node-id that will ensure the protection of the first one.*

User Level

The command can be accessed by operators with equipment privileges, and executed by operators with equipment privileges.

Command Syntax

The command has the following syntax:

> configure dual-parenting (no local-node (node-id)) | (local-node (node-id) node-name <Equipm::DualParentProtGrpLocalNodeName> ip_subnet <Ip::V4Address>)

Command Parameters

Table 86.2-1 "Dual-Parenting local-node Configuration Command" Resource Parameters

Resource Identifier	Type	Description
(node-id)	Format: - index of node id - range: [1...15]	the config of dual-parenting local-node id

Table 86.2-2 "Dual-Parenting local-node Configuration Command" Command Parameters

Parameter	Type	Description
node-name	Parameter type: <Equipm::DualParentProtGrpLocalNodeName> Format: - a printable string - length: 1<=x<=127	*mandatory parameter* the dual-parenting of local-node-name
ip_subnet	Parameter type: <Ip::V4Address> Format: - IPv4-address	*mandatory parameter* the ip_subnet of local-node.must config it like:x.x.0.0