

PRBS Command Reference

This chapter describes the commands to configure the PRBS.

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controller prbs

To configure prbs controller use the **controller odu opu prbs mode source pattern** command in the config mode.

controller oduk *R/S/I/P* **opu prbs mode** *type* **pattern** *type*

no controller oduk *R/S/I/P* **opu prbs mode** *type* **pattern** *type*]

Syntax Description

controller odu	Name of the controller .
R/S/I/P	Displays the Rack/Slot/Instance/Port of the controller.
opu prbs mode	OPU prbs mode.
pattern	Pattern of the source.

Command Default

None

Command Modes

Config mode

Command History

Release	Modification
Release 5.2.4.6	This command was introduced.

Usage Guidelines

To use this command, you must be in a user group associated with a task group that includes appropriate task IDs. If the user group assignment is preventing you from using a command, contact your AAA administrator for assistance.

Task ID

Task ID	Operation
odu	write

Example

The following example shows how to configure prbs.

```
RP/0/RP0:hostnamecontroller odU2 0/15/0/2 opu prbs mode source pattern pn11
```

show controllers

To display all the details of a PRBS, use the **show controllers** command in the exec mode.

show controllers *controller name R/S/I/P* **pm** [**current** | **history**] [**15-min** | **24-hour**] **prbs** *bucket number*

Syntax Description

controller name	Displays the name of the controller.
R/S/I/P	Displays the interface instance of the controller.
pm	Displays the performance monitoring details of the controller.
current	Displays the current values of the controller.
history	Displays the historical values of the controller.
15-min	Configures the 15 minute time interval for the PM parameters.
24-hour	Configures the 24 hour time interval for the PM parameters.
prbs	Configures the prbs.
bucket number	In case of history, it displays the bucket number.

Command Default

None

Command Modes

System Admin EXEC

Command History

Release	Modification
5.2.4.6	This command was introduced

Usage Guidelines

To use these commands in System Admin VM, you must be in a user group associated with appropriate command rules and data rules. If the user group assignment is preventing you from using a command, contact your AAA administrator for assistance.

Task ID

Task ID	Operation
otn	read

Example

This example shows how to display the performance parameter of current values tab for 24 hour intervals:

```
RP/0/RP0:hostname # show controllers odu 0/2/0/0 pm current 24-hour prbs
```

This example shows how to display the performance parameter of history values tab for 24 hour intervals:

```
RP/0/RP0:hostname # show controllers odu2 0/4/0/10 pm history 24-hour prbs 1
```