Flow Encryption Configuration Commands

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Chapter 1 Encryption Configuration Commands

1.1 Encryption Configuration Commands

The following are encryption configuration commands:

- **epon encryption triple-churning** *rekeying-timer-value*

- **epon encryption {enable | disable}**

1.1.1 **epon encryption triple-churning** *rekeying-timer-value*

Syntax

epon encryption triple-churning *rekeying-timer-value*

no epon encryption

To enable or disable the global encryption of OLT, run the previous two commands respectively.

Parameter

Parameter	Parameter description
rekeying-timer-value	Stands for the time for key update, which falls between 600 and 10000ms.

Default value

The default value of the encryption mode is **triple-chuming** and the time for key update is 10000ms.

Command mode

Global configuration mode

Remarks

Only when the encryption function of the LLID port is enabled at the same time, the underline encryption function can take effect.

Example

The following example shows how to set the encryption mode of OLT to **triple-chuming**.

switch_config# **epon encryption triple-churning**

1.1.2 **epon encryption {enable | disable}**

Syntax

epon encryption enable

epon encryption disable

To enable or disable the underline encryption function of the LLID port, run the previous two commands respectively.

Parameter

None

Default value

The encryption function of the LLID port is enabled by default.

Command mode

LLID port configuration mode

Remarks

This command takes effect only when it is used together with the command **epon encryption triple-churning** *rekeying-timer-value*.

Example

The following example shows how to disable the encryption function of interface EPON0/1:1.

switch_config# interface EPON0/1:1
switch_config_epon0/1:1# epon encryption disable