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Chapter 1 New Features Configuration for the Information Center

1.1 New Features Configuration for the Information Center

1.1.1 Configuring Synchronous Information Output Function

Synchronous information output function works to prevent users' input from being interrupted by system output. While enabled, this function allows users to view their input so far after each system output; thus avoids displaying commands on separate lines and increases the system usability.

Table 1-1 Configure the synchronous information output function

Operation	Command	Description
Enter system view	**system-view**	—
Configure the synchronous information output	**info-center synchronous**	Optional; Disabled by default.

Note:

It is recommended that you disable this function during debugging, as the **info-center synchronous** command can result in displaying of command prompts after each piece of debugging information, and therefore increases redundant outputs.

1.1.2 Setting Format of Time Stamps Due to be Sent to Log Host

Table 1-2 describes the detailed configuration tasks on the switch.

Table 1-2 Configure the information to be sent to log host

Operation	Command	Description
Enter system view	**system-view**	—
Enable information center	**info-center enable**	Optional; Enabled by default.

Operation	Command	Description
Output information to log host	**info-center loghost** *host-ip-addr* [**channel** { *channel-number* | *channel-name* } | **facility** *local-number* | **language** { **chinese** | **english** }]	Required; By default, the switch does not send information to log host. Enter the proper IP address. The system will take loopback addresses as invalid and indicate as such.
Specify the interface that sends log information to log host	**info-center loghost source** *interface-type interface-number*	Optional
Define source of information	**info-center source** { *modu-name* | **default** } **channel** { *channel-number* | *channel-name* } [{ **log** | **trap** | **debug** } * { **level** *severity* | **state** *state* } *]	Required
Set the format of time stamps to be sent to log host	**info-center timestamp loghost** { **date** | **no-year-date** | **none** }	Optional

Note:

If users require debugging messages for some modules of the switch, they need to specify the type of information as **debug** while setting information source, and to enable debugging for the corresponding modules using the **debugging** command.

Chapter 2 Commands for the New Features of Information Center

2.1 Commands for the New Features of Information Center

2.1.1 info-center synchronous

Syntax

info-center synchronous

undo info-center synchronous

View

System view

Parameter

None

Description

Use the **info-center synchronous** command to enable the synchronous information output function.

Use the **undo info-center synchronous** command to disable the synchronous information output function.

By default, the synchronous information output function is disabled.

While enabled, the synchronous information output function allows the system to display command line prompts and users' input so far after each system output, helping users continue with their input.

Note:

- Use the **info-center synchronous** command to prevent users' input from being interrupted by system output and to realize synchronous information output.
- It is recommended that you disable this function during debugging, as the **info-center synchronous** command produces unnecessary output by displaying command line prompts after each piece of debugging information.

Example

Enable synchronous information output function.

```
<Quidway> system-view
System View: return to User View with Ctrl+Z.
[Quidway] info-center synchronous
Current IC terminal output sync is on
```

2.1.2 info-center timestamp loghost

Syntax

info-center timestamp loghost { **date** | **no-year-date** | **none** }

undo info-center timestamp loghost

View

System view

Parameter

date: The current system time and date, in the format of yyyy/mm/dd-hh:mm:ss.

no-year-date: The current system time and date without year information, in the format of yyyy/mm/dd-hh:mm:ss.

none: Indicates that the output log information does not include time stamp information.

Description

Use the **info-center timestamp loghost** command to set the format of time stamp to be sent to log host.

Use the **undo info-center timestamp loghost** command to restore to the default system format.

By default, use the **date** time stamp.

Example

Set the time stamp to be sent to the log host as a format without year information.

```
<Quidway> system-view
System View: return to User View with Ctrl+Z.
[Quidway] info-center timestamp loghost no-year-date
```