

17 Configuring the LACP

- ☒ Configuration Rule
- ☒ LACP Configuration Example

17.1 Configuration Rule

- ◆ The AN5116-06B supports up to 6 Trunk aggregate groups.
- ◆ For a Trunk aggregate group, you can configure only one master port and multiple member ports.

17.2 LACP Configuration Example

17.2.1 Network Diagram

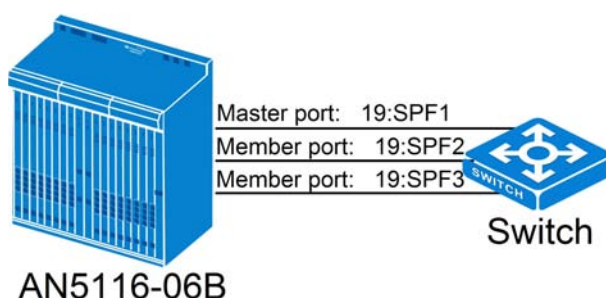


Figure 17-1 Configuring LACP function network connection

17.2.2 Planning Data

Table 17-1 The planning data of the LACP configuring

Configuration Item		Configuration Description	Configuration Example
Configuring trunking mode	Group number	Configure according to the network planning of the operator.	1
	Trunking mode	Configure according to the network planning of the operator.	Static LACP
Configuring TRUNK port link aggregation	TRUNK group serial number	The configured group number in the trunking mode.	1
	Master port of the TRUNK group	Configure according to the network planning of the operator.	19:SPF1
	TRUNK group member	Configure according to the network planning of the operator.	19:SPF2, 19:SPF3

Table 17-1 The planning data of the LACP configuring (Continued)

Configuration Item		Configuration Description	Configuration Example
Configuring LACP	LACP switch	The LACP function enabling / disabling switch. Configure according to the operator's network planning.	Enable
	System priority level	Configure according to the network planning of the operator.	32768

17.2.3 Configuration Flow

Below is the configuration flow.

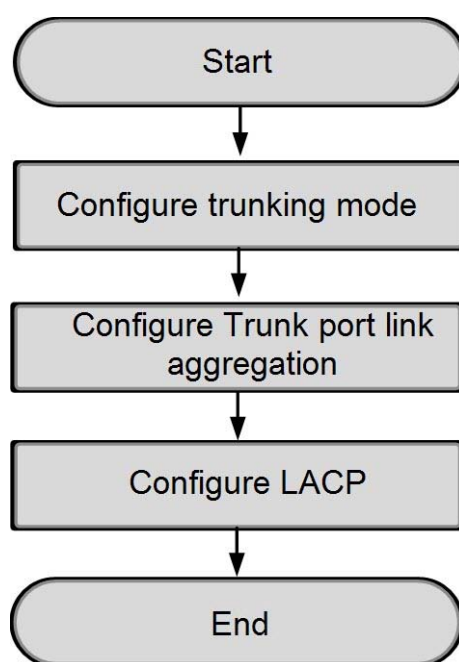




Figure 17-2 LACP configuration flow

17.2.4 Configuring Trunking Mode

1. Right-click the HSWA[9] card in the **Object Tree** pane, select **Ethernet Config** → **Aggregation Mode Config** from the shortcut menu to open the **Aggregation Mode Config** window.



- Click  in the toolbar, and enter **1** in the **Please Input The Rows For Add** dialog box that appears. Click **Ok** to create a new entry of the aggregate group mode.
- Configure the parameters according to the planning data in Table 17-1.
- Click  in the toolbar to complete the configuration. See Figure 17-3.

Group No.	Mode
1	Static Lacp

Aggregation Mode Config

Figure 17-3 Configuring trunking mode

17.2.5 Configuring Trunk Port Link Aggregation


- Right-click the HSWA[9] card in the **Object Tree** pane, select **Ethernet Config** → **Port Trunking** from the shortcut menu to open the **TRUNK Link Aggregation** window.
- Click  in the toolbar, and enter **1** in the **Please Input The Rows For Add** dialog box that appears. Click **Ok** to create a new aggregate group.
- Configure the parameters according to the planning data in Table 17-1.
- Click  in the toolbar to complete the configuration. See Figure 17-4.

TRUNK Group No.	TRUNK Group Master Port	TRUNK	Port Name	Master Port:	Member Port
1	2	3;4	19:XFP	<input type="checkbox"/>	<input type="checkbox"/>
			19:SFP1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
			19:SFP2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			19:SFP3	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			19:SFP4	<input type="checkbox"/>	<input type="checkbox"/>
			20:SFP1	<input type="checkbox"/>	<input type="checkbox"/>
			20:SFP2	<input type="checkbox"/>	<input type="checkbox"/>
			20:SFP3	<input type="checkbox"/>	<input type="checkbox"/>
			20:SFP4	<input type="checkbox"/>	<input type="checkbox"/>
			20:SFP5	<input type="checkbox"/>	<input type="checkbox"/>

TRUNK Link Aggregation

Figure 17-4 Configuring Trunk port link aggregation

17.2.6 Configuring LACP

1. Right-click the HSWA[9] card in the **Object Tree** pane, select **Ethernet Config** → **LACP Config** from the shortcut menu to open the **LACP Config** tab from the window that appears.
2. Configure the parameters according to the planning data in Table 17-1.
3. Click  in the toolbar to complete the configuration. See Figure 17-5.

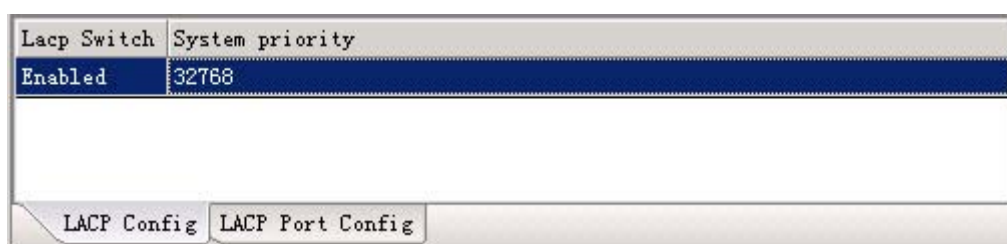


Figure 17-5 Configuring LACP

17.2.7 Configuration Result

The LACP function configuration is completed. The ports 19:SPF1, 19:SPF2 and 19:SPF3 form a static LACP aggregate group, so as to achieve load sharing and provide higher connection reliability for the system.