IBM 8275 Model 318/322/326 Identification

Building/Room/Rack	_____
Unit Number	_____
IP Address	_____
Network Administrator Telephone	_____
Service Contact	_____
Telephone	_____

IBM Support Information - WWW

Download latest code, fixes, and technical tips for your IBM products. You can also register to receive e-mail notifications about your products.

`http://www.networking.ibm.com/support`

Using Web Browser Management

You can use the Internet to configure the 8275. Enter the IP address of the switch in your Internet browser's address field. You are prompted for a user name and password.

Note: The default user name is `admin`. This user name has no default password.

Troubleshooting

1. Determine if fan is running; if not, test the ac power outlet.
2. Remove and reattach all cables. Check all cables, connectors, and ports for damage.
3. Verify that all configuration settings are correct.
4. Verify that the power-on self-test (POST) runs correctly.

POST Error Display

If the 8275 Model 318, 322, or 326 fails during the POST, an error code is displayed in the eight diagnostics LEDs as shown in the following figure.

Diagnostics LED Indicators (On ● / Off ○)								Error Status
○	○	●	○	○	○	○	●	Boot Program Flash Damaged
○	○	●	○	○	○	●	○	Run-Time Program Flash Damaged
○	○	●	○	○	○	●	●	CPU Memory Failure
○	○	●	○	○	●	○	○	Peripheral Controller Failure
○	○	●	○	○	●	○	●	COM Port Failure
○	●	○	○	○	○	○	●	NPB Failure
○	●	○	○	○	○	●	○	PSP Memory Failure
○	●	○	○	○	○	●	●	PSP Failure
○	●	○	○	○	●	○	○	FEIU Failure
○	●	○	○	○	●	○	●	PHY Failure
○	●	○	○	○	●	●	○	ARL Failure
○	●	○	○	○	●	●	●	ARL Memory Failure

Placing a Call to the IBM Product Help Center

- In the U.S.A., call the IBM PC HelpCenter at 1-800-772-2227.
- In Canada, call HelpPC at 1-800-IBM-SERV (1-800-426-7378).
- Outside of the U.S.A. and Canada, contact your place of purchase or your local IBM branch office.

System Status Error LED Indicators

During the POST, the utilization % LEDs indicate module error status shown below.
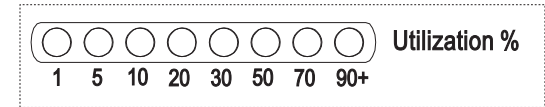
○	○	○	○	○	○	○	○	Utilization %
1	5	10	20	30	50	70	90+	

1	5	10	20	30	50	70	90+	ERROR STATUS
●	○	○	○	○	○	○	○	CPU MODULE FAILURE
○	●	○	○	○	○	○	○	SLOT #1 FAILURE
○	○	●	○	○	○	○	○	SLOT #2 FAILURE
○	○	○	●	○	○	○	○	SLOT #3 FAILURE
○	○	○	○	●	○	○	○	SLOT #4 FAILURE

Preparing to Call the IBM Product Help Center

Gather the following information:

- Product model and serial number
- Proof of purchase
- Status of LEDs
- Description of problem
- Exact wording of SNMP traps (if any)
- Hardware and software configuration

If possible be near your 8275. The technical support representative might want to walk you through a procedure during the call.

Status LEDs

Table 1. Meanings of the 8275 LEDs

LED	State	Meaning
Power (Power On)	On	There is ac power to the 8275 and the power supply is OK.
	Off	No ac power is present, or there is a power supply failure.
OK	On	Normal operation.
	Off	Internal fault.
Fault	On	Internal fault.
	Off	Normal operation.
Link/Tx/Rx	On	A device is connected to this port but port is idle.
	Off	A devise is not connected to this port.
	Blink-ing	Port is receiving data.
Col (Amber)	On	Collisions detected.
	Off	Collisions not detected.
100 / 10	On	Port is a 100 Mbps port.
	Off	Port is a 10 Mbps port or no 100 Mbps detected.

The utilization % LEDs are a relative indicator of the amount of network traffic being processed by the 8275 (includes both broadcast and manage-ment traffic).

Management Menu
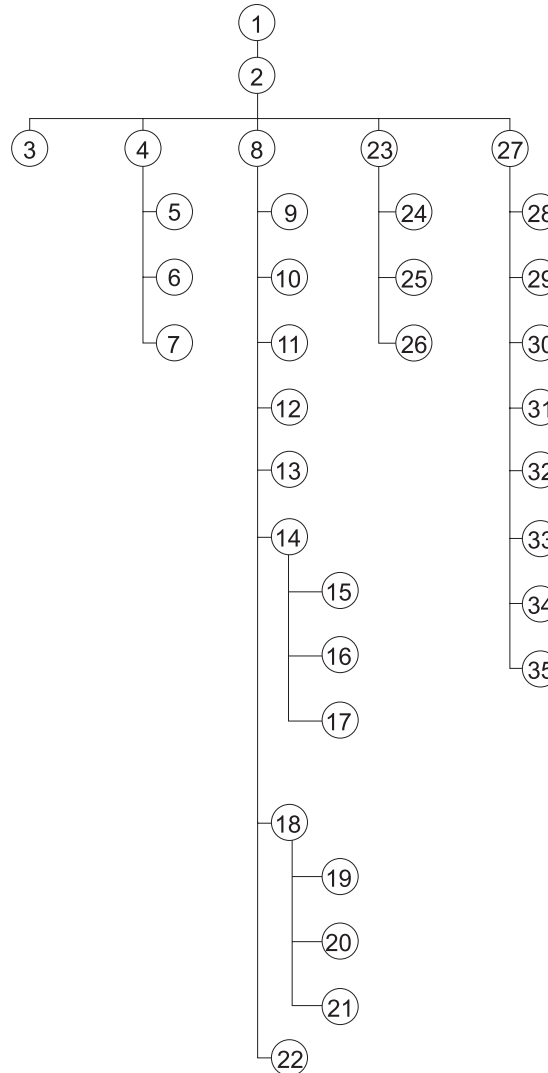
1 Login Panel
2 Main Menu
3 System Information
4 Management Configuration
5 Network Configuration
6 Trap Receiver Configuration
7 SNMP Community Configuration
8 Device Configuration
9 Switch Configuration
10 Port Configuration
11 Port Statistics
12 Spanning Tree Configuration
13 Serial Port Configuration
14 VLAN Port Management
15 Create VLAN
16 Delete VLAN
17 Modify/View VLAN
18 Trunking Port Management
19 Create/View Trunking Group
20 Delete Trunking Group
21 Modify Trunking Group
22 Port Monitoring
23 User Account Management
24 Create New User
25 Modify Users
26 Change Password
27 System Utilities
28 Download Code to Switch
29 Download Configuration Data to Switch
30 Upload Configuration Data to Switch
31 System Reset
32 Factory Reset to Default Configuration
33 BootP/TFTP Server Configuration
34 Login Timeout Interval
35 Ping