What is AP Sulk State?

The AP enters in to SULKING state when it is unable to discover the zone director. AP discovers ZD using discovery request packets. If a discovery response is not received after sending the maximum number of discovery requests, the AP enters the Sulking state.

Possible Cause:
ZD is not reachable from AP subnet - L2 (Same subnet)/L3 (Differnet subnet)

Resolution:

Case 1: AP + ZD in same subnet:

AP by default does a L2 discovery, so check the network connectivity using basic networking tool like ping by connecting a PC/Laptop on the port where AP is connected. Ensure the port configuration on the switch is on the same VLAN as ZD. Ping vice-versa for connectivity.

Case 2: AP + ZD in different subnet

AP by default does a L2 discovery, and if ZD is on different subnet ensure to configure ZD's IP address on the AP.

Steps:
- Do a SSH into the AP (showing as sulking state) using its IP address and execute the command "set director ip <ZD-IP address>".

    - Example: set director ip 192.168.10.20.

- Execute "reboot" command to reboot the AP.

This will bring back AP and will start looking for the specific ZD (192.168.10.20).