



Fails to scan new UIS Host

Cloud Computing

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Network Topology

UIS

Problem Description

'Detect hosts' task to detect hosts installed with UIS Manager and add them to the system.

UIS Manager scans hosts based on Layer 2 protocols and can discover all hosts that are in the same VLAN as the management network physical interfaces of UIS Manager. During the joining process of a host, UIS Manager will deploy initial settings such as physical NIC IP, subnet mask, LAGG settings, and load balancing modes, to the host. If the UIS manager fails to scan new UIS host, you can follow the steps below to troubleshoot the problem.

Process Analysis

1. Network checking

Ensure that the host management port is in the same LAN as the management port of the Manager node.

2. Switch port configured with port aggregation

If static port aggregation is configured, run the shutdown command to set a port to the Down state and restore it to the Up state after the host completes scanning.

If dynamic port aggregation is configured, run the lacp edge-port command to configure the port as an edge port.

3. Cluster initialization failure

Check for left file on each CVK host. Check for the cvm_info file under the /etc/cvk directory and the mhost file under the /root/.ssh directory. If they are available, manually delete them.

```
rm -rf cvm_info
```

```
rm -rf mhost
```

4. Host used as manager node before

Check for the isCvmFlag file under the /root/.ssh directory. If it is available, manually delete it.

```
rm -rf isCvmFlag
```

Solution

Please follow the above steps.

Tips for Restrictions :

1. Make sure the UIS software version of the hosts is the same as UIS Manager.
2. Make sure the number of NIC physical interfaces and reuse settings of the management, service, storage front-end, and storage back-end networks on the hosts are the same as those configured on the UIS Setup Wizard.