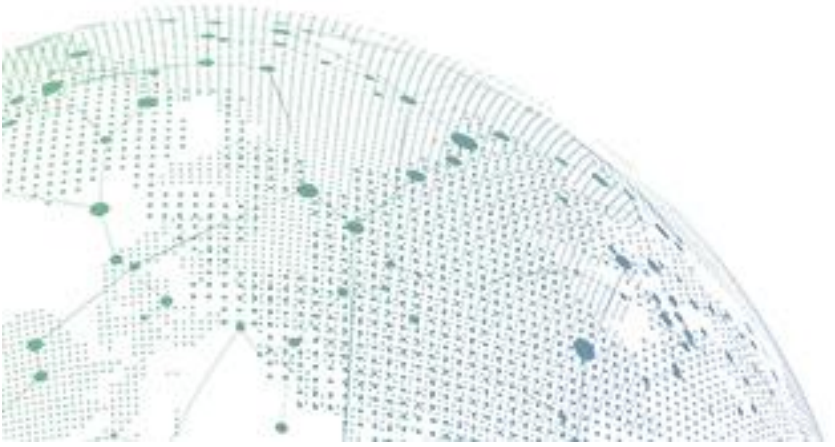
SANGFOR

IAM

Active Standby Failover POC Guideline

Version 12.0.13



Change Log

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CONTENT

Chapter 1 Background.....1

1.1 Introduction.....**1**

1.2 Application Scenario.....**1**

Chapter 2 Configuration Steps and Snapshots.....3

2.1 Configure the active/standby failover function.....**3**

Chapter 3 Precautions.....4

Chapter 1 Background

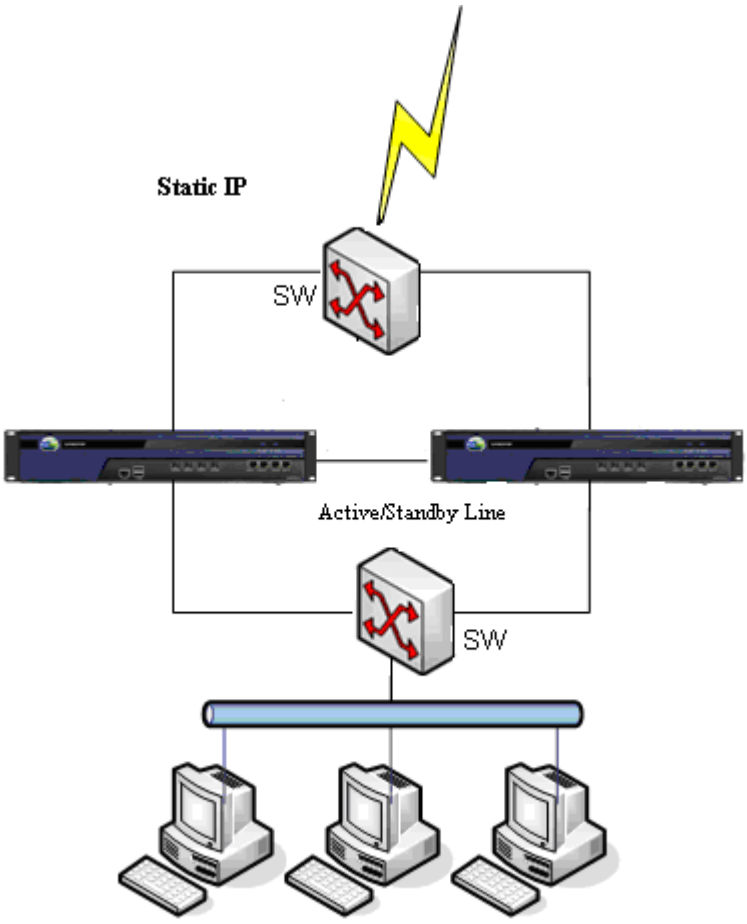
1.1 Introduction

To Active/Standby Failover indicates that two devices are interconnected into a two-node cluster, in which the devices are each other's backup. It is commonly used in the network in which there are two lines (primary line and secondary line) and the two devices are connected to the two lines respectively. When the primary line is cut off, the secondary line will take over and the standby device will become active (it keeps the same configuration as the active device).

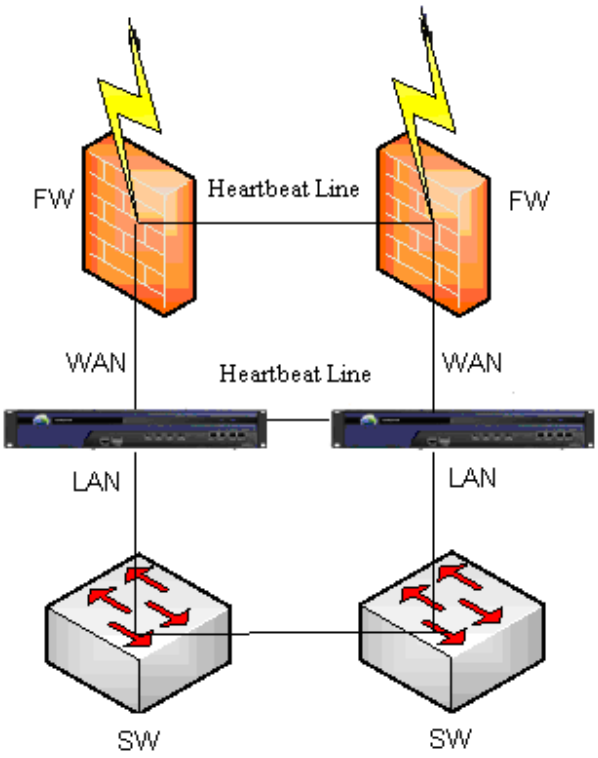
1.2 Application Scenario

The typical network topologies are as shown in the following:

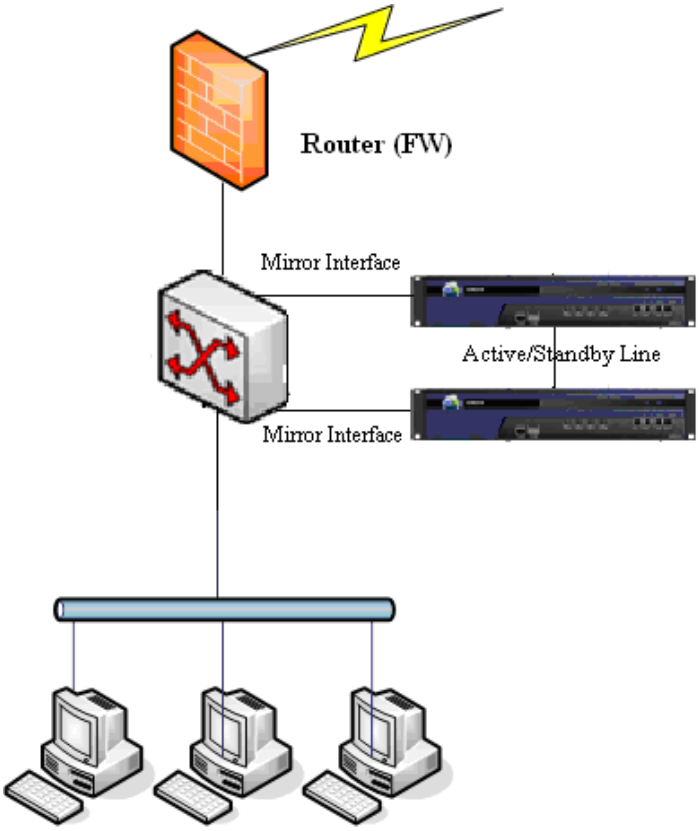
1. Active/Standby failover deployment in Route mode:



2. Active/Standby failover deployment in Bridge mode:



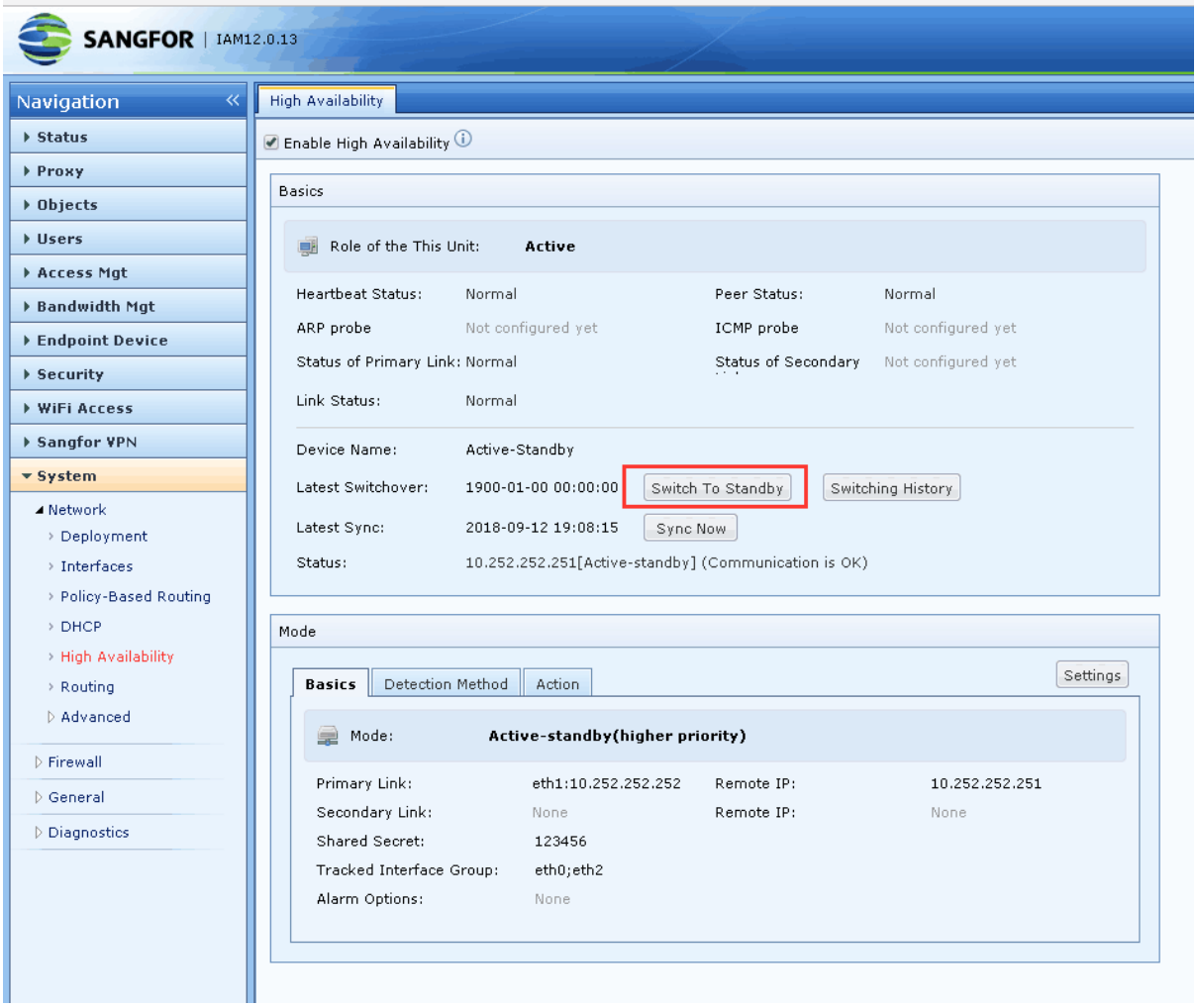
3. Active/Standby failover deployment in Bypass mode:



Chapter 2 Configuration Steps and Snapshots

2.1 Configure the active/standby failover function

1) After configuring High Availability, there is a button "Switch To Standby". Press on the button to switch over to standby.



Chapter 3 Precautions

1. The active device and standby device must be of the same hardware model and software version.

2. The configurations of the two devices must be the same, except the license.

3. Before you perform the operations that may restart the device, such as switching deployment mode, restoring default configuration and modifying system time, please enable the Update Mode; otherwise, active/standby switch may occur when the device is restarting and therefore result in configuration synchronization failure.

4. Active/standby failover can sync the online users status. After switchover, users do not need authentication .

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