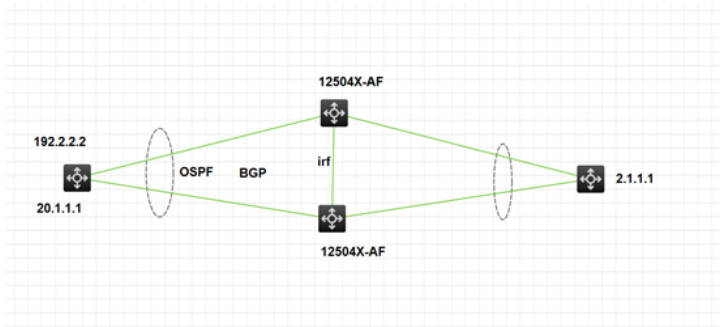


知 12508X-AF ISSU升级操作步骤说明

软件问题 许鹏鹏 2022-03-25 发表

组网及说明

堆叠组网：



问题描述

12508X-AF 从2710到2713 ISSU升级

测试12504X-AF issu升级过程中，三层转发丢包情况，链路聚合情况等

过程分析

1、检查ISSU状态，初始状态如下：

```
<2012-125X-AF>DIS issu state
ISSU state: Init
Compatibility: Unknown
Work state: Normal
Upgrade method: Chassis by chassis
Upgraded chassis: None
Current upgrading chassis: None
Current version list:
  boot: 7.1.070P2285, Release 2710
  system: 7.1.070, Release 2710
Current software images:
  flash:/S12500X-CMW710-BOOT-R2710.bin
  flash:/S12500X-CMW710-SYSTEM-R2710.bin
```

<2012-125X-AF>dis dev

Slot	Type	State	Subslot	Soft Ver	Patch Ver
1/0	LSXM1TGS48HB1	Normal	0	S12504X-AF-2710	None
1/1	NONE	Absent	0	NONE	None
1/2	NONE	Absent	0	NONE	None
1/3	LSXM1TGS48HB1	Normal	0	S12504X-AF-2710	None
1/4	LSXM1SUP04H1	Master	0	S12504X-AF-2710	None
1/5	LSXM1SUP04H1	Standby	0	S12504X-AF-2710	None
1/6	LSXM1SFH04D1	Normal	0	S12504X-AF-2710	None
1/7	LSXM1SFH04D1	Normal	0	S12504X-AF-2710	None
1/8	LSXM1SFH04D1	Normal	0	S12504X-AF-2710	None
1/9	LSXM1SFH04D1	Normal	0	S12504X-AF-2710	None
1/10	LSXM1SFH04D1	Normal	0	S12504X-AF-2710	None
1/11	LSXM1SFH04D1	Normal	0	S12504X-AF-2710	None
2/0	NONE	Absent	0	NONE	None
2/1	LSXM1TGS48HB1	Normal	0	S12504X-AF-2710	None
2/2	NONE	Absent	0	NONE	None
2/3	LSXM1TGS48HB1	Normal	0	S12504X-AF-2710	None
2/4	LSXM1SUP04H1	Standby	0	S12504X-AF-2710	None
2/5	LSXM1SUP04H1	Standby	0	S12504X-AF-2710	None
2/6	LSXM1SFH04D1	Normal	0	S12504X-AF-2710	None
2/7	LSXM1SFH04D1	Normal	0	S12504X-AF-2710	None
2/8	LSXM1SFH04D1	Normal	0	S12504X-AF-2710	None
2/9	LSXM1SFH04D1	Normal	0	S12504X-AF-2710	None
2/10	LSXM1SFH04D1	Normal	0	S12504X-AF-2710	None
2/11	LSXM1SFH04D1	Normal	0	S12504X-AF-2710	None

2、查看兼容性及升级方式为reboot升级；

```
<2012-125X-AF>dis version comp-matrix file boot chassis1#slot4#flash:/S12500X-CM
W710-BOOT-R2713.bin system chassis1#slot4#flash:/S12500X-CMW710-SYSTEM-R2713.bin
```

```
Verifying the file flash:/S12500X-CMW710-BOOT-R2713.bin on chassis 1 slot 4.....Done.
Verifying the file flash:/S12500X-CMW710-SYSTEM-R2713.bin on chassis 1 slot
4.....Done.
Identifying the upgrade methods...Done.
```

Chassis	Slot	Upgrade Way
1	0	Reboot
1	3	Reboot
1	4	Reboot
1	5	Reboot
1	6	Reboot

1 7 Reboot

1 8 Reboot

解决方法
3 Reboot

ISU操作比较复杂,需要严格按照操作步骤进行

1 11 Reboot

2 1 Reboot

2 3 Reboot

2 4 Reboot

2 5 Reboot

2 6 Reboot

2 7 Reboot

2 8 Reboot

2 9 Reboot

2 10 Reboot

2 11 Reboot

3、关闭回滚

[2012-125X-AF]issu rollback-timer 0

Link-delay设置0

[2012-125X-AF]lrf link-delay 0

路由NSR配上,检查设备聚合配置不存在短超时的配置, MAD关闭

<2012-125X-AF>dis cu configuration bgp

#

bgp 64521

non-stop-routing

<2012-125X-AF>dis cu configuration ospf

#

ospf 1

non-stop-routing

area 0.0.0.0

检查系统状态都是stable:

[2012-125X-AF]dis system stable state

System state : Stable

Redundancy state : Stable

Chassis	Slot	CPU	Role	State
---------	------	-----	------	-------

1	4	0	Active	Stable
---	---	---	--------	--------

1	0	0	Other	Stable
---	---	---	-------	--------

1	3	0	Other	Stable
---	---	---	-------	--------

1	5	0	Standby	Stable
---	---	---	---------	--------

1	6	0	Other	Stable
---	---	---	-------	--------

1	7	0	Other	Stable
---	---	---	-------	--------

1	8	0	Other	Stable
---	---	---	-------	--------

1	9	0	Other	Stable
---	---	---	-------	--------

1	10	0	Other	Stable
---	----	---	-------	--------

1	11	0	Other	Stable
---	----	---	-------	--------

2	1	0	Other	Stable
---	---	---	-------	--------

2	3	0	Other	Stable
---	---	---	-------	--------

2	4	0	Standby	Stable
---	---	---	---------	--------

2	5	0	Standby	Stable
---	---	---	---------	--------

2	6	0	Other	Stable
---	---	---	-------	--------

2	7	0	Other	Stable
---	---	---	-------	--------

2	8	0	Other	Stable
---	---	---	-------	--------

2	9	0	Other	Stable
---	---	---	-------	--------

2	10	0	Other	Stable
---	----	---	-------	--------

2	11	0	Other	Stable
---	----	---	-------	--------

4、检查聚合状态,路由状态,都是正常:

[2012-125X-AF-Bridge-Aggregation2]dis ip routing-table 192.2.2.2

Summary count : 1