

知 某局点S105交换机portal认证失败

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组网及说明

portal认证起在交换机上

问题描述

现场portal认证失败

过程分析

查看debug portal信息，看到前期报文交互均正常，但是ack_auth报文errcode=1，说明是radius认证过程出了问题

*May 27 16:27:57:674 2019 HBXH-XXSDL-HX PORTAL/7/PACKET: -MDC=1; Portal received 34 bytes of packet: Type=req_info(9), ErrCode=0, IP=10.16.40.x

*May 27 16:27:57:675 2019 HBXH-XXSDL-HX PORTAL/7/PACKET: -MDC=1; Portal sent 90 bytes of packet: Type=ack_info(10), ErrCode=0, IP=10.16.40.x

*May 27 16:27:53:247 2019 HBXH-XXSDL-HX PORTAL/7/PACKET: -MDC=1; Portal received 32 bytes of packet: Type=req_challenge(1), ErrCode=0, IP=10.16.40.x

*May 27 16:27:53:248 2019 HBXH-XXSDL-HX PORTAL/7/PACKET: -MDC=1; Portal sent 56 bytes of packet: Type=ack_challenge(2), ErrCode=0, IP=10.16.40.x

*May 27 16:27:53:251 2019 HBXH-XXSDL-HX PORTAL/7/PACKET: -MDC=1; Portal received 93 bytes of packet: Type=req_auth(3), ErrCode=0, IP=10.16.40.x

*May 27 16:27:53:253 2019 HBXH-XXSDL-HX PORTAL/7/PACKET: -MDC=1; Portal sent 46 bytes of packet: **Type=ack_auth(4), ErrCode=1**, IP=10.16.40.x

仔细查看radius相关配置，发现设备没有指定portal认证域，而是使用了默认域system，因此会导致认证不通过

```
domain portal
```

```
authorization-attribute idle-cut 60 1024
```

```
authentication portal radius-scheme hbxhbg
```

```
authorization portal radius-scheme hbxhbg
```

```
accounting portal radius-scheme hbxhbg
```

```
#
```

```
domain system
```

```
#
```

```
domain default enable system
```

解决方法

修改配置，有两个方法：

1.修改默认域为portal域

```
domain default enable portal
```

2.在enable portal的接口或服务模板下指定portal domain

```
interface Vlan-interface40
```

```
ip address 10.16.40.x 255.255.255.0
```

```
portal enable method direct
```

```
portal domain portal
```

```
portal bas-ip 10.16.100.x
```

```
portal apply web-server hbxhbg
```

```
portal apply mac-trigger-server hbxhbg
```