



Using RADIUS for Telnet authentication

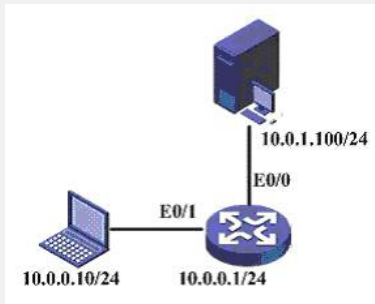
Keywords: MSR, Radius ;Telnet

1. Network diagram:

To telnet to the router, you shall enter the correct user name h3c and password h3c to pass the authentication by the RADIUS server.

Device: MSR series router

2. Network diagram:



3. Configuration steps:

Device and version: MSR series, version 5.20 and Beta 1106

RTA key configuration scripts

```
#
//configure user count
configure-user count 5
#
//create RADIUS scheme
radius scheme test
// Configure address and shared key of the primary authentication server
primary authentication 192.168.1.100
key authentication test
user-name-format without-domain
#
//apply RADIUS scheme test, and must configure authentication scheme, otherwise // default scheme is local authentication.
domain system
authentication default radius-scheme test
authorization default radius-scheme test
accounting optional
#
//connect to telnet client
interface Ethernet0/1
port link-mode route
ip address 10.0.0.1 255.255.255.0
#
//set scheme authentication
user-interface con 0
user-interface vty 0 4
authentication-mode scheme
#
```

4. Tips:

1. After creating the account and password h3c/h3c on the RADIUS server, you can use the account to telnet to the router.
2. Configure user-name-format without-domain method.
3. Configure accounting optional command. In this mode, it is only necessary to authenticate the account with no need of accounting
4. Make sure that configure authentication Radius scheme under domain view.