

# Exstreme Gen1 RADIUS Authentication

The example configuration below shows how to configure RADIUS for both Management and Port authentication. The server, client-ip and secrets will be unique to your environment. This example also configures and enables RADIUS accounting.

```
configure radius mgmt-access primary server 10.21.0.10 1812 client-ip
172.16.5.20 vr VR-Default
configure radius mgmt-access primary shared-secret encrypted
"#sLBECel3y+vi56D+JsXsSaWmuvynCERCHNm1lyy21cwRTssjdoE="
configure radius mgmt-access secondary server 10.21.0.12 1812 client-ip
172.16.5.20 vr VR-Default
configure radius mgmt-access secondary shared-secret encrypted
"#aV4JSbB7qYJlrkN+xyFpkm8C3VhEMCvmeXg+CHuFmWCPuo9/BjA="
configure radius netlogin primary server 10.21.0.10 1812 client-ip 172.16.5.20 vr
VR-Default
configure radius netlogin primary shared-secret encrypted
"#E1KQvrolmf3rZESnOuZCzgHvxuOncnJsRCrlsGkg9URvSuQAOQ8="
configure radius netlogin secondary server 10.21.0.12 1812 client-ip 172.16.5.20
vr VR-Default
configure radius netlogin secondary shared-secret encrypted
"#25naj++VqZmHWFE3p940NH+BMkvA4BL2GYj1HB1WaY1AFrlt4rQ="
configure radius-accounting netlogin primary server 10.21.0.10 1813 client-ip
172.16.5.20 vr VR-Default
configure radius-accounting netlogin primary shared-secret encrypted
"#5f6QnmG9LhNB1pb1WQB3T+F8LIhnl5n83AzKewrEGHPTlQkLTI="
configure radius-accounting netlogin secondary server 10.21.0.12 1813 client-ip
172.16.5.20 vr VR-Default
configure radius-accounting netlogin secondary shared-secret encrypted
"#2vpSd5mMYX46JQvXCLYqFjRnfH4AVawx57QYAm+QufLMbiRc/Do="
enable radius
enable radius mgmt-access
enable radius netlogin
enable radius-accounting netlogin
```

The example configuration below will enable both dot1x user and MAC authentication on a port by port basis. Note that you must create a dedicated netlogin pre-authentication vlan, in this case it's called net-login.

```
create vlan "net-login"  
configure vlan net-login tag 2000
```

```
configure netlogin vlan net-login  
enable netlogin dot1x mac  
configure netlogin mac authentication database-order radius  
enable netlogin ports 1:12-46 dot1x  
enable netlogin ports 1:12-46 mac  
configure netlogin ports 1:12 mode mac-based-vlans  
configure netlogin ports 1:12 restart  
configure netlogin add mac-list ff:ff:ff:ff:ff:ff 48
```

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