

Creating RADIUS Peers

RADIUS peers are instances of RADIUS servers. If you define multiple servers, the SAE uses them in cases of failover or as alternate routers for load-balancing purposes.

Each RADIUS plug-in requires a default peer. Configure a RADIUS peer before you configure the plug-in.

RADIUS peers are configured in the peer group for each RADIUS plug-in. Use the following configuration statements to configure a RADIUS peer:

```
shared sae configuration plug-ins name name radius-accounting peer-group name
{
    server-address server-address ;
    server-port server-port ;
    secret secret ;
}
shared sae configuration plug-ins name name radius-authentication peer-group name
{
    server-address server-address ;
    server-port server-port ;
    secret secret ;
}
shared sae configuration plug-ins name name custom-radius-accounting peer-group
name {
    server-address server-address ;
    server-port server-port ;
    secret secret ;
}
shared sae configuration plug-ins name name custom-radius-authentication peer-group
name {
    server-address server-address ;
    server-port server-port ;
    secret secret ;
}
shared sae configuration plug-ins name name flex-radius-accounting peer-group
name {
    server-address server-address ;
    server-port server-port ;
    secret secret ;
}
shared sae configuration plug-ins name name flex-radius-authentication peer-group
name {
    server-address server-address ;
    server-port server-port ;
    secret secret ;
}
```

To create a RADIUS peer:

1. From configuration mode, access the RADIUS peer configuration for the plug-in that you are configuring. In this sample procedure, the RADIUS peer is configured in the west-region SAE group.

```
user@host# edit shared sae group west-region configuration plug-ins name  
basicRadius radius-accounting peer-group peer1
```

2. Configure the IP address of the RADIUS server to which the SAE sends accounting data.

```
[edit shared sae group west-region configuration plug-ins name basicRadius  
radius-accounting peer-group peer1]  
user@host# set server-address server-address
```

3. Configure the port used for RADIUS packets.

```
[edit shared sae group west-region configuration plug-ins name basicRadius  
radius-accounting peer-group peer1]  
user@host# set server-port server-port
```

4. Configure the password that is shared with the RADIUS server. You must configure the same password on the RADIUS server.

```
[edit shared sae group west-region configuration plug-ins name basicRadius  
radius-accounting peer-group peer1]  
user@host# set secret secret
```

5. (Optional) Verify your configuration.

```
[edit shared sae group west-region configuration plug-ins name basicRadius  
radius-accounting peer-group peer1]  
user@host# show  
server-address 10.10.1.1;  
server-port 1812;  
secret *****;
```

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