PacketMAX AF1G40AC

Configuring TACACS+ on the PacketMAX Advanced Features involves the following considerations:

1. Configuring TACACS+ on the Advanced Features unit.

2. Configuring the Login access on the Advanced Features to the TACACS+ Server.

3. Creating users in the tac_plus.conf file on the TACACS+ Server to determine Authentication and Authorization.

4. Accounting via the accounting file /var/log/tac_plus.acct file on the TACACS+ Server. (optional)

5. Creating a Key on the Advanced Features that is defined in the tac_plus.conf file on the TACACS+ Server. (optional)

6. Delete TACACS+ on the Advanced Features unit.

This procedure will address items 1, 2, 3 and 6. Creating a Shared Secret and Accounting are optional.

1. Configuring TACACS+ on the AF.

TACACS+ may be set up via the GUI or via CLI commands. This procedure focuses on the CLI command method.

Connect to the Advanced Features unit:

A connection to the unit may be established using two options:

      a) Directly connected to the Console Interface - COM Port using Putty/Serial connection.
      b) Connected via the IP Management Interface using Putty/SSH connection.

1. Login to the Advanced Features unit, (admin/gtadmin1).

2. Enter "enable".

```
Switch> enable
```

3. Enter "configure terminal".

```
Switch# configure terminal
Switch(config)#
```

4) Enter the following commands to configure TACACS+ on the Advanced Features unit:

```
Switch(config)# aaa new-model
Switch(config)# aaa authentication login tacacs tacplus local
Switch(config)# aaa authorization exec tacacs tacplus local
Switch(config)# tacacs-server host mgmt-if xxx.xxx.xxx.xxx key secretkey
                auth-port 49
```

TACACS+ Server IP Address

Key (optional) defined in the tac_plus.conf file

2. Configuring the Login access on the Advanced Features to the TACACS+ Server.

1) Enter the following commands to configure the login access on the Advanced Features to the TACACS+ server.

```
Switch(config)# line vty 0 7
Switch(config-line)# exec-timeout 0 0
Switch(config-line)# privilege level 4
Switch(config-line)# no line-password
Switch(config-line)# login authentication tacacs
Switch(config-line)# authorization exec tacacs
Switch(config-line)# exit
Switch(config)# exit
Switch#
```

3. Creating users in the tac_plus.conf file on the TACACS+ Server to determine Authentication.

The following are user examples in the tac_plus.conf file on the TACACS+ Server.

Authentication   Username = afuser1
                 Password = password1
Authorization   Administrator privilege level 4

```
user = afuser1 {
global = cleartext "password1"
service = exec {
}
}
```

Authentication   Username = afuser2
                 Password = password2
Authorization   Administrator privilege level 4

```
user = afuser2 {
global = cleartext "password2"
service = exec {
}
}
```

6. Delete TACACS+ on the AF.

Should the TACACS+ Server become unavailable for login and access to the unit via local
login is desired, enter the following commands. This will delete all of the TACACS+ configuration
on the Advanced features unit and allow access:

> - GUI Local Login (admin/gtadmin1)
> - Access via the Console/Serial Interface

Connect to the Advanced Features unit:

A connection to the unit may be established using two options:

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> b) Connected via the IP Management Interface using Putty/SSH connection.

1. Login to the Advanced Features unit, (admin/gtadmin1).

2. Enter "enable".

```
Switch> enable
```

3. Enter "configure terminal".

```
Switch# configure terminal
Switch(config)#
```

4. Enter the following command to delete TACACS+ on the unit.

```
Switch(config)# no aaa new-model
Switch(config)# exit
Switch#
```

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