

AF1G52AC

The following procedure may be used to configure SNMPv3 on the Advanced Aggregators. The Advanced Aggregators support two versions of SNMPv3, MD5/DES or SHA/AES. SNMPv3 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. Configuring SNMPv3 MD5 / DES

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

2. Enter the following commands.

```
Switch> enable
```

```
Switch# configure terminal
```

```
Switch(config)# snmp-server enable
```

```
Switch(config)# snmp-server trap enable all
```

```
Switch(config)# snmp-server community public read-only
```

- The Community String **public** may be substituted with another desired option.

- **read-only** may be substituted with read-write.

```
Switch(config)# snmp-server usm-user username authentication md5 md5password  
privacy des despassword
```

- Substitute **username** with the desired username defined on the MIB Browser.

- Substitute **md5password** with the desired MD5 password defined on the MIB Browser.

- Substitute **despassword** with the desired DES password defined on the MIB Browser.

```
Switch(config)# snmp-server group grp1 user username security-model usm
```

- Substitute **username** with the desired username defined on the MIB Browser.

```
Switch(config)# snmp-server access grp1 security-model usm priv
Switch(config)# snmp-server notify notify1 tag tempteg
Switch(config)# snmp-server target-params parm1 user username security-model v3
message-processing v3 priv
```

- Substitute **username** with the desired username defined on the MIB Browser.

```
Switch(config)# snmp-server target-address targ1 param parm1 mgmt-if
xxx.xxx.xxx.xxx taglist tempteg
```

- Substitute **xxx.xxx.xxx.xxx** with the desired MIB Browser IP Address.

2. Configuring SNMPv3 SHA / AES

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

2. Enter the following commands.

```
Switch> enable
Switch# configure terminal
Switch(config)# snmp-server enable
Switch(config)# snmp-server trap enable all
Switch(config)# snmp-server community public read-only
```

- The Community String **public** may be substituted with another desired option.

- **read-only** may be substituted with read-write.

```
Switch(config)# snmp-server usm-user username authentication sha shapassword
privacy aes aespassword
```

- Substitute **username** with the desired username defined on the MIB Browser.

- Substitute **shapassword** with the desired SHA password defined on the MIB Browser.

- Substitute **aespassword** with the desired AES password defined on the MIB Browser.

```
Switch(config)# snmp-server group grp1 user username security-model usm
```

- Substitute **username** with the desired username defined on the MIB Browser.

```
Switch(config)# snmp-server access grp1 security-model usm priv
```

```
Switch(config)# snmp-server notify notify1 tag tempteg
```

```
Switch(config)# snmp-server target-params parm1 user username security-model v3  
message-processing v3 priv
```

- Substitute **username** with the desired username defined on the MIB Browser.

```
Switch(config)# snmp-server target-address targ1 param parm1 mgmt-if  
xxx.xxx.xxx.xxx taglist tempteg
```

- Substitute **xxx.xxx.xxx.xxx** with the desired MIB Browser IP Address.