

Configuring Local Properties for the SAE (SRC CLI)

Use the following configuration statements to configure local properties for the SAE:

```
slot number sae {  
    base-dn base-dn ;  
    real-portal-address real-portal-address ;  
    java-runtime-environment java-runtime-environment ;  
    java-heap-size java-heap-size ;  
    java-new-size java-new-size ;  
    java-garbage-collection-options java-garbage-collection-options ;  
    port-offset port-offset ;  
    snmp-agent;  
    shared shared ;  
}
```

To configure local properties on the SAE:

1. From configuration mode, access the SAE RADIUS configuration. This configuration is under the slot 0 hierarchy.

```
[edit]  
user@host# edit slot 0 sae
```

2. (Optional) If you store data in the directory in a location other than the default, *o = umc*, change this value.

```
[edit slot 0 sae]  
user@host# set base-dn base-dn
```

3. Configure the interface on the SAE that the SAE uses to communicate with the router.

```
[edit slot 0 sae]  
user@host# set real-portal-address real-portal-address
```

4. (Optional) If you encounter problems caused by lack of memory, change the maximum memory size available to the JRE.

```
[edit slot 0 sae]  
user@host# set java-heap-size java-heap-size
```

5. Configure the amount of space available to the JRE when the SAE starts.

```
[edit slot 0 sae]  
user@host# set java-new-size java-new-size
```

6. Configure the garbage collection functionality of the Java Virtual Machine.

```
[edit slot 0 sae]  
user@host# set java-garbage-collection-options java-garbage-collection-options
```

7. If you install multiple instances of the SAE on the same host, set a port offset for SAE instances.

```
[edit slot 0 sae]
user@host# set port-offset port-offset
```

8. (Optional) Enable the SNMP agent to communicate with the SAE.

```
[edit slot 0 sae]
user@host# set snmp-agent
```

9. (Optional) Configure an SAE group configuration.

```
[edit slot 0 sae]
user@host# set shared shared
```

10. (Optional) Verify your configuration.

```
[edit slot 0 sae]
user@host# show
base-dn o=UMC;
real-portal-address 10.10.4.24;
java-runtime-environment ../jre/bin/java;
java-heap-size 896m;
java-new-size 22m;
java-garbage-collection-options "-Xbatch -XX:+UseConcMarkSweepGC
-XX:CMSInitiatingOccupancyFraction=80 -XX:+UseParNewGC -XX:SurvivorRatio=1
-XX:InitialTenuringThreshold=8 -XX:MaxTenuringThreshold=10
-XX:TargetSurvivorRatio=90 -XX:+UseCMSCompactAtFullCollection
-XX:CMSFullGCsBeforeCompaction=0 -XX:+CMSPermGenSweepingEnabled
-XX:+CMSClassUnloadingEnabled -XX:+CMSParallelRemarkEnabled";
port-offset 0;
snmp-agent;
shared /SAE/REGION-1;
```