

Creating a Configuration

This sample procedure shows how to configure SAE properties for aggregate services as an example of how to navigate through various hierarchy levels in the CLI and use **help** and **show** commands to obtain information while working at the CLI.

In the SRC software, an aggregate service is a type of SAE service that comprises a number of individual services. Combining services lets the SRC software treat the services within an aggregate service as a unit.

The final configuration looks like this:

```
sae {
  configuration {
    aggregate-services {
      keepalive-time 172800;
      keepalive-retry-time 900;
      activation-deactivation-time 900;
      failed-notification-retry-time 92000;
    }
  }
}
```

To configure SAE properties for aggregate services:

1. Enter configuration mode.

```
user@host> edit
Entering configuration mode.
```

```
[edit]
user@host#
```

2. In configuration mode, move to the hierarchy level at which you configure aggregate services.

```
[edit]
user@host# edit shared sae configuration aggregate-services
```

```
[edit shared sae configuration aggregate-services]
user@host#
```

Press the space bar after typing the initial characters of a word to quickly complete the word.

3. Verify which values you can set.

```
[edit shared sae configuration aggregate-services]
user@host# set ?
Possible completions:
  activation-deactivation-time      Time to activate or deactivate fragment service session (0..INF s)
  failed-notification-retry-time   Maximum time to send failure notifications (0..INF s)
```

keepalive-retry-time Length of keepalive time period (0..INF s)
keepalive-time Keepalive from aggregate svce session to remote session (0..INF s)

4. Set the values for the four time intervals.

```
[edit shared sae configuration aggregate-services]
user@host# set keepalive-time 172800
```

```
user@host# set keepalive-retry-time 900
```

```
[edit]
user@host# set activation-deactivation-time 900
```

```
[edit]
user@host# set failed-notification-retry-time 9200
```

5. Verify the configuration.

```
[edit shared sae configuration aggregate-services]
user@host# show
keepalive-time 172800;
keepalive-retry-time 900;
activation-deactivation-time 900;
failed-notification-retry-time 9200;
```

6. Move up one level in the hierarchy, and run the **show** command again.

```
[edit shared sae configuration aggregate-services]
user@host# up
```

```
[edit shared sae configuration]
user@host# show
policy-management-configuration {
  enable-junose-classifier-expansion;
}
aggregate-services {
  keepalive-time 172800;
  keepalive-retry-time 900;
  activation-deactivation-time 900;
  failed-notification-retry-time 9200;
}
. . .
```

The output shows the configuration for aggregate services plus any other configuration under the [shared sae configuration] hierarchy level.

7. Before you commit the configuration, verify that the configuration is correct.

```
[edit shared sae configuration]
user@host# commit check
configuration check succeeds
```

8. Commit the configuration.

```
[edit shared sae configuration]  
user@host# commit  
commit complete.
```

