

Configuring External Subscriber Monitor

Configure initial properties, including directory connection and directory eventing properties.

Tasks to configure External Subscriber Monitor are:

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Configuring Basic Local Properties for External Subscriber Monitor

After you complete the configuration changes, restart External Subscriber Monitor for the configuration changes to take effect. Use the following configuration statements to configure basic local properties:

```
slot number external-subscriber-monitor {  
    java-garbage-collection-options java-garbage-collection-option;  
    java-heap-size java-heap-size;  
}
```

To configure basic local properties:

1. From configuration mode, access the configuration statement that configures the local properties.

```
user@host# edit slot 0 external-subscriber-monitor
```

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

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

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

```
[edit slot 0 external-subscriber-monitor]  
user@host# set java-heap-size java-heap-size
```

4. (Optional) Verify your configuration.

```
[edit slot 0 external-subscriber-monitor]  
user@host# show
```

Configuring Initial Properties for External Subscriber Monitor

Use the following configuration statements to configure initial properties for External Subscriber Monitor:

```
slot number external-subscriber-monitor initial {  
    dynamic-dn dynamic-dn;  
}
```

To configure initial local properties:

1. From configuration mode, access the configuration statement that configures the initial properties.

```
user@host# edit slot 0 external-subscriber-monitor initial
```

2. Specify the properties for External Subscriber Monitor.

```
[edit slot 0 external-subscriber-monitor initial]  
user@host# set ?
```

For more information about configuring local properties for the SRC components, see Changing the Location of Data in the Directory.

Configuring Directory Connection Properties for External Subscriber Monitor

Use the following configuration statements to configure directory connection properties for External Subscriber Monitor:

```
slot number external-subscriber-monitor initial directory-connection {  
    url url;  
    backup-urls backup-urls...;  
    principal principal;  
    credentials credentials;  
    timeout timeout;  
    check-interval check-interval;  
    blacklist;  
    protocol (ldaps);  
    snmp-agent;  
}
```

To configure directory connection properties:

1. From configuration mode, access the configuration statement that configures the directory connection properties.

```
user@host# edit slot 0 external-subscriber-monitor initial directory-connection
```

2. Specify the properties for External Subscriber Monitor.

```
[edit slot 0 external-subscriber-monitor initial directory-connection]  
user@host# set ?
```

3. (Optional) Verify your configuration.

```
[edit slot 0 external-subscriber-monitor initial directory-connection]
user@host# show
```

Configuring Eventing Properties for External Subscriber Monitor

Use the following configuration statements to configure directory eventing properties for External Subscriber Monitor:

```
slot number external-subscriber-monitor initial directory-eventing {
    eventing;
    signature-dn signature-dn;
    polling-intervall polling-interval;
    event-base-dn event-base-dn;
    dispatcher-pool-size dispatcherr-pool-size;
}
```

To configure directory eventing properties:

1. From configuration mode, access the configuration statement that configures the directory eventing properties.

```
user@host# edit slot 0 external-subscriber-monitor initial directory-eventing
```

2. Specify the initial directory eventing properties for External Subscriber Monitor.

```
[edit slot 0 external-subscriber-monitor initial directory-eventing]
user@host# set ?
```

For more information about configuring local properties for the SRC components, see Configuring Initial Directory Eventing Properties for SRC Components.

3. (Optional) Verify your configuration.

```
[edit slot 0 external-subscriber-monitor initial directory-connection]
user@host# show
```

Configuring Logging Destinations for External Subscriber Monitor

Use the following configuration statements to configure directory logging destinations for External Subscriber Monitor:

```
slot number external-subscriber-monitor logger logger-name...
slot number external-subscriber-monitor logger logger-name file {
    filter filter;
    filename filename;
    rollover-filename rollover-filename;
    maximum-file-size maximum-file-size;
}
slot number external-subscriber-monitor logger logger-name syslog {
    filter filter;
    host host;
    facility facility;
    format format;
}
```

Configuring Logging Destinations to Store Messages in a File

To configure logging destinations to store log messages in a file:

1. From configuration mode, access the configuration statement that configures the name and type of logging properties. In this sample procedure, the logging destination called file-1 is configured.

```
user@host# edit slot 0 external-subscriber-monitor logger file-1 file
```

2. Specify the properties for the logging destination.

```
[edit slot 0 external-subscriber-monitor logger file-1 file]  
user@host# set ?
```

For more information about configuring properties for the logging destination, see *Configuring a Component to Store Log Messages in a File (SRC CLI)*.

3. (Optional) Verify your configuration.

```
[edit slot 0 external-subscriber-monitor logger file-1 file]  
user@host# show
```

Configuring Logging Destinations to Send Messages to System Logging Facility

To configure logging destinations to send log messages to the system logging facility:

1. From configuration mode, access the configuration statement that configures the name and type of logging properties. In this sample procedure, the logging destination is called syslog-1.

```
user@host# edit slot 0 external-subscriber-monitor logger syslog-1 syslog
```

2. Specify the properties for the logging destination.

```
[edit slot 0 external-subscriber-monitor logger syslog-1 syslog]  
user@host# set ?
```

For more information about configuring properties for the logging destination, see *Configuring System Logging (SRC CLI)*.

3. (Optional) Verify your configuration.

```
[edit slot 0 external-subscriber-monitor logger file-1 file]  
user@host# show
```

Related Topics

- [Configuring External Subscriber Monitor \(C-Web Interface\)](#)
- [Starting External Subscriber Monitor](#)
- [Viewing Statistics for External Subscriber Monitor \(C-Web Interface\)](#)
- [Overview of External Subscriber Monitor](#)

Published: 2009-09-15