

Configuring License Manager for an SAE on a C-series Controller

Use the following configuration statements to configure the SAE license manager at the [edit] hierarchy level.

```
shared sae configuration license-manager client {
    type type ;
    cache cache ;
}
shared sae configuration license-manager directory-access {
    server-address server-address ;
    server-port server-port ;
    license-dn license-dn ;
    authentication-dn authentication-dn ;
    password password ;
    (ldaps);
    connection-manager-id connection-manager-id ;
    event-base-dn event-base-dn ;
    signature-dn signature-dn ;
    snmp-agent;
}
```

For detailed information about each configuration statement, see the *SRC-PE CLI Command Reference*.

To configure the SAE license manager:

1. From configuration mode, access the configuration statement that configures the SAE client for the license manager at the [edit] hierarchy level.

```
[edit]
user@host# edit shared sae configuration license-manager client
```

2. Specify the client type.

```
[edit shared sae configuration license-manager client]
user@host# edit type SDX
```

SDX is the only supported license type.

3. Specify the path to the cache file.

```
[edit shared sae configuration license-manager client]
user@host# edit cache cache
```

The default is *var/run/lic_cache*.

4. Access the configuration statement that configures directory access for the SAE client for the license manager at the [edit] hierarchy level.

```
[edit shared sae configuration license-manager client]
user@host# up
```

```
[edit shared sae configuration license-manager]
user@host# edit directory-access
```

```
[edit shared sae configuration license-manager directory-access]
user@host#
```

5. (Optional) Specify the IP address or hostname of the server that stores licensing data.

```
[edit shared sae configuration license-manager directory-access]
user@host# set server-address server-address
```

6. Specify the port number of the LDAP connection to the directory server that stores licensing data.

```
[edit shared sae configuration license-manager directory-access]
user@host# set server-port server-port
```

The default port is 389.

7. Specify the DN of the subtree in the directory where licensing information is stored. The SAE searches for the license key below this path.

```
[edit shared sae configuration license-manager directory-access]
user@host# set license-dn license-dn
```

The default is ou = Licenses,o = Management, < base > .

8. Specify the DN used by the SAE to authenticate access to the directory server.

```
[edit shared sae configuration license-manager directory-access]
user@host# set authentication-dn authentication-dn
```

The default is cn = license-operator,o = Operators, < base > .

9. Specify the password used to authenticate access to the directory.

```
[edit shared sae configuration license-manager directory-access]
user@host# set password password
```

10. (Optional) Enable LDAPS as the secure protocol for connections to the directory server that stores license data.

```
[edit shared sae configuration license-manager directory-access]
user@host# set ldaps
```

11. Specify the connection manager for the directory eventing system within the Java Naming and Directory Interface (JNDI) framework

```
[edit shared sae configuration license-manager directory-access]
user@host# set connection-manager-id connection-manager-id
```

The default is LICENSE_MANAGER.

12. (Optional) Specify the base DN for the license manager data.

```
[edit shared sae configuration license-manager directory-access]
user@host# set event-base-dn event-base-dn
```

The default is < base > which refers to the globally configured base DN.

13. (Optional. Not needed if you use the Juniper Networks database.) Specify the DN of the entry identified by the LDAP schema attribute usedDirectory. This attribute identifies the type of directory, such as DirX on which the license data is stored.

```
[edit shared sae configuration license-manager directory-access]  
user@host# s et signature-dn signature-dn
```

14. (Optional) Enable the SRC SNMP agent to export MIBs for this directory connection.

```
[edit shared sae configuration license-manager directory-access]  
user@host# set snmp-agent
```

