

# Registering Session manager with System Manager ver 10.1

On system Manager Navigate to the Elements > Routing > SIP Entities page and add the Session Manager and Branch Session Manager as a SIP entity. (here you specify the IP for the Security Module)

Replication Inventory Routing x

### SIP Entity Details

Commit Cancel

**General**

\* Name:

\* IP Address:

SIP FQDN:

Type:

Notes:

Location:

Outbound Proxy:

Time Zone:

Minimum TLS Version:

Credential name:

**Monitoring**

SIP Link Monitoring:

CRLF Keep Alive Monitoring:

**Entity Links**

Add new Element for session manager, select previous sip entity and specify the session manager management IP address.

**General**

SIP Entity Name

Description

\*Management Access Point Host Name/IP

\*Direct Routing to Endpoints

Avaya Aura Device Services Server Pairing

Maintenance Mode

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**Security Module**

SIP Entity IP Address

\*Network Mask

\*Default Gateway

\*Call Control PHB

\*SIP Firewall Configuration

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**Monitoring**

Enable SIP Monitoring

\*Proactive cycle time (secs)

\*Reactive cycle time (secs)

\*Number of Tries

\*Number of Successes

Enable CRLF Keep Alive Monitoring

\*CRLF Ping Interval (secs)

Navigate to the **Services > Security > Certificates > Enrollment Password** page and type an Enrollment Password.

Aura® System Manager 10.1

Home | Licenses | Solution Deployment Manager | Routing | **Security** x

Security

Certificates

Authority

**Enrollment Passw...**

Manage Certificat...

Manage Entity Cla...

Configuration

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### Enrollment Password

Enrollment password has been set by **admin** on **April 18, 2023 8:46:49 PM -06:00**.

**Time Remaining:** 671 hour 59 mins

**New Password**

\* Password expires in:

\* Password:

\* Confirm Password:

Enrollment is usually done at the initial deployment of Session Manager, you can also perform a manual enrollment process by running `initTM`, this not always work and its recommended to redeploy session manager and run wizard from CLI after fresh installation.

```

Converting container_keystore.bcfks to JKS format.
Setting up Syslog certificates and Restarting Syslog.
Successfully wrote certificate chain to file /opt/Avaya/asset/packages/active-version/etc/cert/servers/http-unique.pem
Trust Management initialization completed successfully.
Tue Apr 18 22:47:02 CDT 2023: DRS Replication initialization started.
.
Unconfiguring DRS client
Executing # Dropping DRS schema from swap database
SUCCESS # Dropping DRS schema from swap database
Unregistering from DRS master
Unable to unregister from configured master
Executing # Drop DRS schema and user
SUCCESS # Drop DRS schema and user
Successfully unconfigured DRS client
Executing # Creating DRS schema and user
SUCCESS # Creating DRS schema and user
Executing # Setting up client secure-store for DB parameters
SUCCESS # Setting up client secure-store for DB parameters
Configuring node as DRS replica
Checking whether DRS configuration exists
DRS not configured! Configuring ...
Executing # Configuring SymmetricDS pre-requisites
SUCCESS # Configuring SymmetricDS pre-requisites
Executing # Creating symmetric.properties
SUCCESS # Creating symmetric.properties
Executing # Creating replica DRS tables
SUCCESS # Creating replica DRS tables
Updating host-address and port required for JMX communication
Executing # Checking whether value entered for jmx-port is a numeric value or not
SUCCESS # Checking whether value entered for jmx-port is a numeric value or not
Successfully updated host-address and port required for JMX communication
Executing # Updating JMX properties
SUCCESS # Updating JMX properties
Successfully configured node as DRS replica
Register replica node with System Manager DRS master started. [1/1]
Sending configurations to master node
Successfully sent aggregated configuration to master node
Executing # Sending registration information to DRS master
SUCCESS # Sending registration information to DRS master
Register replica node with System Manager DRS master succeeded.
Starting Management
.
Waiting for Management components to startup...
Tue Apr 18 22:47:44 CDT 2023: DRS Replication registration succeeded
Please go to the System Manager Replication Page to check the synchronization state

Restarting processes to pick up certificate changes

```

Validate replication on services, replication, session manager.

Logon to session manager via ssh and run initTM (/opt/Avaya/bin/initTM).

```

cust@avaya-asm bin]$ initTM
Downloading System Manager root CA
Unable to download System Manager root CA, rc = 28

Enter the Enrollment Password that matches the value in System
Manager administration (Security -> Certificates --> Enrollment Password).
Enrollment Password:
Enrollment Password again:
Trust Management Initialization started.
Trust Management Initialization with System Manager started.

```

Fail to replicate

validate hostname /etc/hosts to make sure both system manager and session manager have fqdn on their host files

```
[cust@avaya-asm ~]$ cat /etc/hosts
127.0.0.1 localhost localhost.localdomain localhost4 localhost4.localdomain4
::1 localhost localhost.localdomain localhost6 localhost6.localdomain6
192.168.10.209 avaya-asm.htf.com.mx avaya-asm Asm
192.11.13.17 smgrvirtual.htf.com.mx smgrvirtual AsmSysMgr
192.168.10.210 smgr.htf.com.mx smgr AsmSysMgr1
```

```
root >cat /etc/hosts
127.0.0.1 localhost.localdomain localhost
192.168.10.210 smgr.htf.com.mx smgr
::1 localhost6.localdomain6 localhost6
192.168.10.210 smgrvirtual.htf.com.mx smgrvirtual
192.168.10.209 avaya-asm.htf.com.mx avaya-asm
```

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Revision #3

Created 19 April 2023 02:54:12 by Cesar Gzz

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