



## Installing the Smart+Connected Spaces

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This chapter describes how to install the Cisco Smart+Connected Spaces (Smart+Connected Spaces) application by using the Postgres database and the JBoss application server.

- [Prerequisites, page 2-1](#)
- [Installing the Smart+Connected Spaces Application, page 2-3](#)

After successfully installing the Smart+Connected Spaces application, you can configure the application by performing tasks that are listed in [Chapter 3, “Configuring the Smart+Connected Spaces”](#).

### Prerequisites

- [Gathering Required Information, page 2-1](#)
- [Verifying Network Configurations, page 2-3](#)
- [Installing the Smart+Connected Spaces Application, page 2-3](#)

### Gathering Required Information

Prior to beginning the installation, you must gather the following information:

- Database details:
  - Database SID
  - Database IP address or the DNS hostname
  - Database port number. The default port number for PostgreSQL is 5432.
  - Database schema username
  - Database schema password
  - SSH credentials
- Application Server details:
  - Location of the `<JBOSS_INSTALL_LOCATION>` directory, if the JBoss server has been pre-installed. The `<JBOSS_INSTALL_LOCATION>` directory is the complete path where the JBoss application server is installed. Ensure that the `$JBOSS_HOME` environment variable is set to the `<JBOSS_INSTALL_LOCATION>` directory.

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- Location of the `<JDK_INSTALL_LOCATION>` directory if the JDK has been pre-installed. The `<JDK_INSTALL_LOCATION>` directory is the complete path where you have installed JDK. Ensure that the `$JAVA_HOME` environment variable is set to the `<JDK_INSTALL_LOCATION>` directory and the `PATH` environment variable includes the `$JAVA_HOME/bin` folder.
- SSH credentials
- SDP Server details:
  - SDP Server IP Address
  - SDP Naming Service Port
  - SDP Server Console User
  - SDP Server Console Password
- LDAP details:
  - LDAP Server
  - LDAP Port
  - LDAP User Base
  - LDAP Search String
  - LDAP Connection User
  - LDAP Connection Password
- SMTP details:
  - SMTP Host
  - SMTP Port
  - System Admin Mail Address
  - Admin Email ID
  - From Email ID
  - Reply To Email ID
  - To Email ID
- WebEx details:
  - WebEx Site ID
  - WebEx Site Name
  - WebEx Partner ID
  - WebEx XML Server URL
  - WebEx Admin User
  - WebEx Admin Password
  - WebEx User
  - WebEx Password
  - WebEx Timezone
- Presence server details:
  - Presence Server IP
  - Presence Server Domain

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- Presence Server Port

## Verifying Network Configurations

Verify the following network configuration:

- All machines in the setup are in the same network domain.
- All the machines are in the same LAN.
- All machines are configured to be on the same locale.
- System time is synchronized on all the machines using Network Time Protocol (NTP).
- All the interface components within the application are accessible over the network.


## Installing the Smart+Connected Spaces Application

Before you run the installer, ensure that all of the conditions listed in the “Prerequisites” section on page 2-1 are met and you have the required information.

To install the Smart+Connected Spaces application, perform the following steps:

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- Step 1** Copy the installer `CiscoSmartSpacesv2.5.<BuildNumber>.bin` to any preferred location in the application server.
- The installer can be obtained from the product DVD.
- Step 2** Change the access mode for the installer using the following command:
- ```
chmod u+x CiscoSmartSpacesv2.5.<BuildNumber>.bin
```
- Replace `<BuildNumber>` with the actual build number that is a part of the name of the installer file.
- Step 3** Run the installer using the following command:
- ```
./CiscoSmartSpacesv2.5.<BuildNumber>.bin
```
- The `CiscoSmartSpaces_v2.5` Introduction screen appears.
- Step 4** Click **Next**.
- The License Agreement screen appears.
- Step 5** Select the **I accept the terms of the License Agreement** radio button, and click **Next**.
- The Choose Install Folder screen appears.
- Step 6** Click **Choose** to select the directory where you want the applications to be installed. Alternatively, you can manually enter the path.
- Step 7** (Optional) If you want to revert to the default directory, click **Restore Default Folder**.
- Step 8** Click **Next**.
- The JBoss Configuration screen appears.
- Step 9** Click **Choose** to select the directory where you have installed JBoss. Alternatively, you can enter the path manually.
- Step 10** (Optional) Click **Restore Default Folder** if you want to revert to the default directory.
- Step 11** Click **Next**.
- The Java Home screen appears.

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- Step 12** Click **Choose** to select the directory where you have installed Java. Alternatively, you can enter the path manually.
- Step 13** (Optional) Click **Restore Default Folder** if you want to revert to the default directory
- Step 14** Click **Next**.  
The Pre-Installation Summary screen appears.
- Step 15** Click **Install**.  
A progress bar appears indicating that the installation is in progress. After the installation is completed, the Configuration screen appears informing you that the application is successfully installed.
- Step 16** Click **Next** to begin the configurations.  
The Smart Spaces DB details screen appears.
- Step 17** Enter the details for the server where you have installed the Smart+Connected Spaces database in the following fields:
- Database Server IP Address
  - Database Server Port
  - Database Name
  - Database User
  - Database Password
- Step 18** Click **Next**.  
The DB Execution Log Verification dialog box appears. Verify the log file, and then click **OK** on the dialog box.  
The JBoss Application Credentials screen appears.
- Step 19** Enter the following JBoss application user credentials:
- Application User
  - Application Password
-  **Note** The password must be alphanumeric with at least one special character.
- Step 20** Click **Next**.  
The LDAP details for Smart Spaces screen appears.
- Step 21** Enter the following LDAP details:
- LDAP Server
  - LDAP Port
  - LDAP User Base
  - LDAP Search String
  - LDAP Bind Root
  - LDAP Connection User
  - LDAP Connection Password
  - LDAP SSL Enabled
- Step 22** Click **Next**.

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The SMTP details for Smart Spaces screen appears.

**Step 23** Enter the following SMTP details:

- SMTP Host
- SMTP Port
- System Admin Email Address
- Admin Email ID
- From Email ID
- Reply To Email ID
- To Email ID

**Step 24** Click **Next**.

The WebEx details screen appears.

**Step 25** Enter the following WebEx details:

- WebEx Site ID
- WebEx Site Name
- WebEx Partner ID
- WebEx User
- WebEx Password

**Step 26** Click **Next**.

The Presence Server details screen appears.

**Step 27** Enter the following Presence server details:

- Presence Server IP
- Presence Server Domain
- Presence Server Port

**Step 28** Click **Next**.

The API Access details screen appears.

**Step 29** Enter the following API access details:

- Secure Username
- Secure Password

**Step 30** Click **Next**.

A message appears informing you that the configuration is in progress. Once the configuration is completed, the Installation Complete dialog box appears informing you that the application is successfully installed.

**Step 31** Click **Finish**.

You will now be able to access the application. For more information, see the [“Accessing the Application and Verifying the Installation”](#) section on page 2-6, [“Accessing the Web Calendar”](#) section on page 2-6, [“Accessing the Kiosk Web Portal”](#) section on page 2-7, and [“Accessing the Personalized Spaces Portal”](#) section on page 2-7.

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## Accessing the Application and Verifying the Installation

To access the Smart+Connected Spaces application, perform the following steps:

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- Step 1** In a web browser, type the URL `http://<host>:<port>/solutions/`, where:
- `<host>` is the host IP address or DNS hostname of the host on which the JBoss application server is set up.
  - `<port>` is the value that appears in the output after starting the JBoss server.
- Step 2** Press **Enter**.
- The Smart+Connected Spaces Login page appears.
- Step 3** Enter the username and password for the Smart+Connected Spaces application, and click **Login**.
- Your default login credentials are:
- Username—superadmin
  - Password—superadmin

You can change your password by logging in to the SDP application. You can also create additional users by using the SDP application. For more information on how to assign roles and permissions to users in the SDP application, see the *Cisco Service Delivery Platform User Guide*.

For more information on how to use the Smart+Connected Spaces features, see the *Cisco Smart+Connected Spaces User Guide*.

## Accessing the Web Calendar

After performing all installation tasks, you can access the Smart+Connected Spaces web calendar.

To access the Smart+Connected Spaces web calendar, perform the following steps:

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- Step 1** In a web browser, type the URL `http://<host>:<port>/calendar/`, where:
- `<host>` is the host IP address or DNS hostname of the host on which the JBoss application server is set up
  - `<port>` is the value that appears in the output after starting the JBoss server.
- Step 2** Press **Enter**.
- The Smart+Connected Spaces Login page appears.
- Step 3** Enter the username and password for the Smart+Connected Spaces web calendar, and click **Login**.
- You can change your password by logging in to the SDP application. You can also create additional users by using the SDP application. For more information on how to assign roles and permissions to users in the SDP application, see the *Cisco Service Delivery Platform User Guide*.

For more information on how to use the Smart+Connected Spaces features, see the *Cisco Smart+Connected Spaces User Guide*.

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## Accessing the Kiosk Web Portal

After performing all the installation tasks, you can access the Smart+Connected Spaces kiosk web portal.

To access the Smart+Connected Spaces kiosk web portal, perform the following steps:

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- Step 1** In a web browser, type the URL `http://<host>:<port>/spaces/` where:
- `<host>` is the host IP address or DNS hostname of the host on which the JBoss application server is set up
  - `<port>` is the value that appears in the output after starting the JBoss server.
- Step 2** Press **Enter**.
- The Smart+Connected Spaces kiosk web portal login page appears.
- Step 3** Enter the username and password for the Smart+Connected Spaces kiosk web portal, and click **Login**.
- You can change your password by logging in to the SDP application. You can also create additional users by using the SDP application. For more information on how to assign roles and permissions to users in the SDP application, see the *Cisco Service Delivery Platform User Guide*.
- For more information on how to use the Smart+Connected Spaces features, see the *Cisco Smart+Connected Spaces User Guide*.
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## Accessing the Personalized Spaces Portal

After performing all the installation tasks, you can access the Smart+Connected Personalized Spaces web portal.

To access the Smart+Connected Personalized Spaces web portal, perform the following steps:

In a web browser, type the URL `http://<host>:<port>/ipsapp` where

- `<host>` is the host IP address or DNS hostname of the host on which the JBoss application server is set up.
  - `<port>` is the value that appears in the output after starting the JBoss server.
- Step 4** Press **Enter**.
- The Smart+Connected Personalized Spaces web portal login page appears.
- Step 5** Enter the username and password for the Smart+Connected Spaces kiosk web portal, and click **Login**.
- You can change your password by logging in to the SDP application. You can also create additional users by using the SDP application. For more information on how to assign roles and permissions to users in the SDP application, see the *Cisco Service Delivery Platform User Guide*.
- For more information on how to use the Smart+Connected Personalized Spaces features, see the *Cisco Smart+Connected Spaces User Guide*.
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