

IBM SPSS Analytic Server  
Version 1

*Updates and Extension for IBM SPSS  
Modeler 15 Installation Instructions*

**IBM**



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# IBM SPSS Modeler updates and extensions for IBM SPSS Analytic Server installation instructions

In order to enable SPSS Modeler for use with Analytic Server, you need to make some updates to the SPSS Modeler server installation and each SPSS Modeler client installation.

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## Prerequisites

The minimum hardware and software requirements are as follows:

### Server updates

#### Operating system

- The same requirements as IBM® SPSS® Modeler 15 Server. See the appropriate server installation document at <http://www-01.ibm.com/support/docview.wss?uid=swg27023172> for details.

#### Software

- IBM SPSS Modeler 15 Server

#### Configuration

- 764 megabytes (MB) of available hard disk space (server update)

### Client updates

#### Operating system

- The same requirements as IBM SPSS Modeler 15.0 Client. See the appropriate client installation document at <http://www-01.ibm.com/support/docview.wss?uid=swg27023172> for details.

#### Software

- IBM SPSS Modeler 15.0 Client

#### Configuration

- 764 megabytes (MB) of available hard disk space (client update)
- 4 megabytes (MB) of available hard disk space (extensions)
- 10 megabytes (MB) of available hard disk space (Text Mining update)

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## Installing

### Server updates

An SPSS Modeler server installation can be associated with a single Analytic Server installation.

1. Install SPSS Modeler server version 15 fix pack 2.
  - a. Run the installer.
  - b. Follow the instructions on the screen.
2. Configure SPSS Modeler server to associate it with an Analytic Server installation.
  - a. Edit the `options.cfg` file in the `config` subdirectory of the main server installation directory, and add the following lines:

```
as_url, http://{AS_SERVER}:{PORT}/admin/{TENANT}
as_prompt_for_password, {Y|N}
```

**as\_url** The URL of the Analytic Server, including the IP address of the server, the port, and the tenant the SPSS Modeler server installation is a member of.

### **as\_prompt\_for\_password**

Specify N if the SPSS Modeler server is configured with the same authentication system for users and passwords as that used on Analytic Server; otherwise, Y.

When running SPSS Modeler in batch mode, you add `-analytic_server_username {ASusername} -analytic_server_password {ASpassword}` as arguments to the `clem` command.

- b. Restart the SPSS Modeler server service.
3. [optional] Install IBM SPSS Modeler - Essentials for R , if you plan to score R models in streams with Analytic Server data sources. IBM SPSS Modeler - Essentials for R is available for download (<https://www14.software.ibm.com/webapp/iwm/web/preLogin.do?source=swg-tspssp>).

## **Client updates**

An SPSS Modeler client installation connects to Analytic Server through its associated SPSS Modeler server installation.

**Note:** You must be logged on to your computer with administrator privileges.

1. Install SPSS Modeler client version 15 fix pack 2.

### **Windows XP**

- a. Double-click the installer file.
- b. Follow the instructions that appear on the screen.

### **Windows Vista or Windows 7**

- a. Right-click the installer file and choose **Run as Administrator**.
- b. Follow the instructions on the screen.
2. Install the extensions for Analytic Server to the SPSS Modeler client.

### **Windows XP**

- a. Double-click the installer file.
- b. Follow the instructions that appear on the screen.

### **Windows Vista or Windows 7**

- a. Right-click the installer file and choose **Run as Administrator**.
- b. Follow the instructions on the screen.

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## **Connecting when SSL is enabled**

In order to connect to an Analytic Server installation that has SSL enabled, there are some further steps to configuring your SPSS Modeler server and client installations..

1. Navigate to `http://<host>:<port>/admin/<tenant>` and log on to the Analytic Server console.
2. Download the certification file from the browser and save it to your file system.
3. Add the certification file to the JRE of both your SPSS Modeler Server and SPSS Modeler Client installations. The location to update can be found under the `/jre/lib/security/cacerts` subdirectory of the SPSS Modeler installation path.
  - a. Make sure the `cacerts` file is not read-only.
  - b. Use the `keytool` program Modeler ships with – this can be found in the `/jre/bin/keytool` subdirectory of the SPSS Modeler installation path.

Run the following command

```
keytool -import -alias <as-alias> -file <cert-file> -keystore "<cacerts-file>"
```

Note that `<as-alias>` is an alias for the `cacerts` file. You can use any name you like as long as it is unique to the `cacerts` file.

So an example command would look like the following.

```
keytool -import -alias MySSLCertAlias -file C:\Download\as.cer  
-keystore "c:\Program Files\IBM\SPSS\Modeler\15\jre\lib\security\cacerts"
```

4. Restart your SPSS Modeler Server and SPSS Modeler Client .

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## Uninstalling

### Server updates

On Windows:

1. Use the Windows Control Panel to remove IBM SPSS Modeler Server 15.0 Fix Pack 2.
2. Unless you are immediately reinstalling the Fix Pack, completely uninstall SPSS Modeler. See the appropriate server installation document at <http://www-01.ibm.com/support/docview.wss?uid=swg27023172> for details.

On UNIX:

1. Follow the instructions in the appropriate server installation document at <http://www-01.ibm.com/support/docview.wss?uid=swg27023172> for uninstalling SPSS Modeler.

### Client updates

To completely uninstall:

1. Client extensions: use the Windows Control Panel to remove IBM SPSS Modeler 15.0 client extensions for IBM SPSS Analytic Server.
2. Client update: use the Windows Control Panel to remove IBM SPSS Modeler Client 15.0 Fix Pack 2.
3. Unless you are immediately reinstalling the Fix Pack, completely uninstall SPSS Modeler. See the appropriate installation document at <http://www-01.ibm.com/support/docview.wss?uid=swg27023172> for details.









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