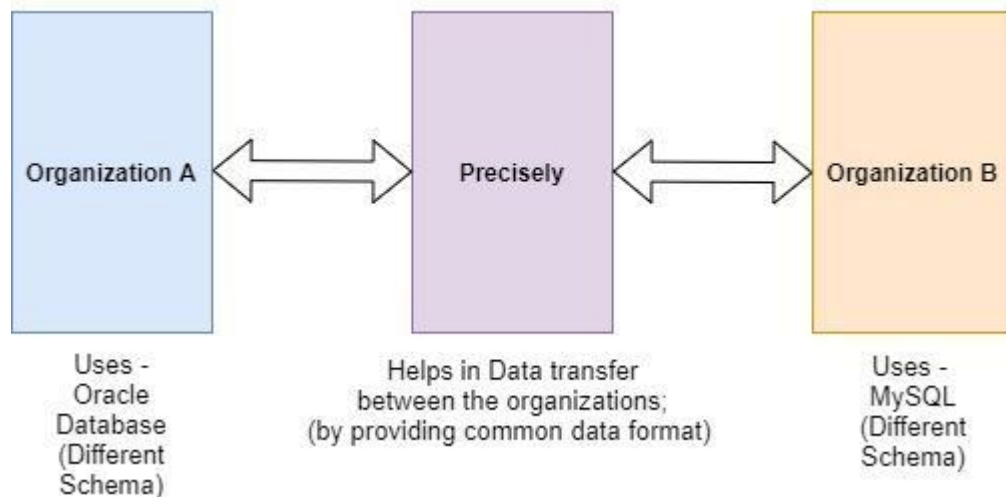


(Introduction and Installation of B2Bi)

Our Product (B2Bi) – gives a common data format, so the automation can be run between the organizations.

Features – Communication Adapter, Application Integration, Translation Engine, Mapping Software, Message tracking and reporting, Encryption, Data validation and Compression.

IBM B2B i Sterling Integrator - Example 1



PDF - B2BSterlingIntegratorAndSFG

Installation

Imp - VPN

- 1) Start Xming Server
- 2) Start putty
- 3) Give the VM IP
- 4) Go to SSH->X11 5-enbale X11 forwarding & Give IP of the local machine
- 5) Enter the credentials (login and password)

The installation checklist contains the tasks you need to complete prior to installing Sterling B2B Integrator.

For a clustered environment, record the information for each node in the cluster.

#	Installation Checklist
1	Review your IBM contract to determine what software you have licensed. You need to know this License Information so that you can select the correct components/features to install. SBI-5263

2	Ensure that you have read and write privileges on the parent installation directory.
3	Determine which installation method you are going to use: IBM Installation Manager (Graphical User Interface) IBM Installation Manager (Response File)
4	Decide which type of security certificates you will use: The default self-signed SSL (Secure Sockets Layer) certificate that is automatically installed. A Certificate Authority-related certificate that you install before installing Sterling B2B Integrator. For more information, see Security certificates .
5	Determine the ports that are to be used. Port- 50000 Sterling B2B Integrator requires a range of 200 consecutive open ports between 1025 and 65535. The port range starts with the initial port number and ends with the number that equals the initial port number plus 200. Note Because of RMI, on occasion, a port number outside the range may be assigned. For more information, see Port numbers .
6	If you are using an Oracle, Microsoft SQL Server, or DB2 database and if you are going to manually apply DDL statements, decide if you are going to manually or automatically apply Database Definition Language (DDL) Statements (schema) to the database. (IDK)
7	If you are using an Oracle 11.1 database, you must set it up for native compilation by allocating space and by setting the plsql_native_library_dir parameter.
8	Important If you are using Oracle SSL authentication, you cannot install or upgrade Sterling B2B Integrator. You must roll back the SSL configuration to a Standard Oracle database connection before you install or upgrade Sterling B2B Integrator. This includes applying a Fix Pack or an iFix for Sterling B2B Integrator.
9	If you are using the Unix/Linux operating systems, verify the following items: An operating system user account exists on the host server. Yes (Company network IP address assigned by Pulse Secure ?) User account has permissions to run the commands for the operating environment. For more information, see UNIX accounts .
10	If you are using the Unix/Linux operating systems, verify that you have installed the following software: An X Window windowing system. Yes (Xming Server) A Telnet client

1	If you are using the Unix/Linux operating systems, set the ulimit and language as follows:
1	ulimit -n 4096 ulimit -u 16000 export DISPLAY=local ip:port () export LANG=en_US
1	If you are using a messaging queue, add the required properties to the customer_overrides.properties file. (IDK)
2	
1	Complete the <u>installation worksheet</u> .
3	

#	Installation Worksheet	Your Notes
1	Hostname on which you plan to install the software.	example: 10.15.100.28
2	Directory Name where you plan to install the software.	/home/Jaanvi/SI
3	Login to host machine.	root
4	Password to the host machine.	#####
5	Path to the Installation Manager and the installation package file name.	/Jaanvi/InstallationManager/IM_Linux/tools/
6	Path to JDK.	/Jaanvi/SBI_5263/install/jdk (Version IBM JDK)
7	Path to JCE file. Java Cryptography Extension	/Jaanvi/unrestrictedpolicyfiles.zip
8	Host IP address.	Ethernet adapter Local Area Connection (Local Machine's IP)
9	Initial Port Number.	
10	System passphrase. During installation, you create a system passphrase for your Sterling B2B Integrator installation	Encrypted Password Eclipse Imutile

11	Database vendor name.	DB2
12	Database user name.	db2inst3
13	Database password.	0#####
14	Database (catalog/schema) name.	SIDBjj CREATE DATABASE DBSK AUTOMATIC STORAGE YES USING CODESET UTF-8 TERRITORY DEFAULT COLLATE USING SYSTEM PAGESIZE 32768
15	Database host name (The IP address or domain/ sub domain name of the db server).	
16	For Oracle, Microsoft SQL Server, MySQL, or DB2, record the path and file name for the JDBC drivers.	/Jaanvi/db2jcc4.jar/

Steps -

- Install IM by going into IM folder and then->**installc -acceptLicense** (doubts)
- Note the folder it gets installed
- Prepare the response file
- Edit the values of SI location, DB, password ,repo files
- Save the file
- Now run-./imcl command

Installation Manager – is a package protocol (a single installation program) use to install, modify, or update certain IBM products.

Imp Response File -

A response file is an XML file that contains data required to complete installation operations silently.

Installation Manager uses response files to complete installation operations silently.

1) Offering Details:

```
<offering profile='Sterling Integrator_123(any name)
id='com.ibm.sterling.integerator.install.offering' feature='main.feature'
installFixes='none' />
```

- 2) SI location and Shared location
- 3) Repository location
- 4) Profile attributes for the product installation

JVM - /Jaanvi/ibm-java-x86_64-70

*JCE_DIST_FILE – /Jaanvi/unrestrictedpolicyfiles.zip

InstallIP

PORT1 –

APSERVER_Passphrase

Confirm Passphrase

Mailid

Host – localhost

DB Vender – DB2

Cluster – false (initial false, second true)

Cluster node - ? (initial "", number)

Create Schema – true

DB_User – db2inst3 (Database username)

DB_Pass – Encrypted

DB_Data – SIDBjj (Database name)

DB_Host – 10.15.100.70 (?)

DB_Port – 50002 (outgoing connection?)

DB_Drivers - /Jaanvi/db2jcc4.jar/

Processors 2

Memory 3072

/Jaanvi/InstallationManager/IM_Linux/tools/

Command –

./imcl <option> input <Response file path> -log <log file path> <option>.

./imcl -accept License input '/Jaanvi/updated_ResponseFile_526.xml' -log '/Jaanvi/526.log'
-showVerboseProgress

ShowVerboseProgress (option show more output)

Installation will begin 😊

Thank you.

Jaanvi Juneja

