FUJITSU INTERSTAGE INSTALLATION
ON WINDOWS SERVER

Oracle FLEXCUBE Universal Banking
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1. **Fujitsu Interstage Installation on Windows Server**

1.1 **Pre-Requisites**

1. Check if the registry entry
   HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\FileSystem\NtfsDisable8dot3NameCreation is set to 0 (Enabled).

   Run the following command to query the registry state:

   ```
   C:\> fsutil behavior query disable8dot3
   ```

   Run the following command to change the state to Enabled if it is not already in Enabled state:

   ```
   C:\> fsutil behavior set disable8dot3 0
   ```

   Restart the machine for this change to take effect.

2. Install the "Uninstall (middleware)" tool found in the following path:

   `<Installation Files Directory>\Windows\Server\ISTAGE\cir\cirinst.exe`

3. The following must be uninstalled from the environment where Interstage is to be installed:

   - An earlier version or another edition of this software
   - Interstage Studio
   - Interstage Application Deployment Cycle Manager
   - Interstage Service Integrator
   - Systemwalker CentricMGR or Systemwalker Centric Manager

4. Change to INSTALL mode before installing Interstage by executing the following command:

   CHANGE USER /INSTALL
1.2 **Installation**

1. Run the autorun.exe file present in the following path:

   `<Installation Files Directory>\Windows\Server\autorun.exe`
2. The installation screen opens up as follows. Click **Installation**.

3. Select **Install the Application Server** in the Server Type Selection section and click **Next**.
4. Select **Custom** in the Installation Type Selection section and click **Next**.

5. Choose the Destination Folder for Interstage installation and click Next.
6. Choose the following additional services, besides the default, for installation in the Select Components to Install (as shown in the following 3 screens):

- Java EE
- MessageQueueDirector
- Portable-ORB
- Secure Communication Service
- Information Management Service
- Java SE 7 (if required)
- Sample Application (if required)

After the desired services are selected, click Next.
Select Components to Install

Please choose components to install:

- Web Server (Interstage HTTP Server)
- Secure Communication Service
- Single Sign-on
- Information Management Service
- Interstage Management Console
- Web Server Connector (for Interstage HT)
- J2EE Compatible
- Web Server Connector (for Interstage HT)

Description:
This option will install the Service that will download the Java runtime from the Web Server and establishes the execution environment for when Java client applications are run.

1.32 GB of space required on the C drive
235.41 GB of space available on the C drive

InstallShield

< Back  Next >  Cancel

Select Components to Install

Please choose components to install:

- Web Server Connector (for Interstage HT)
- Java EE
  - 6
  - 7
- Framework
- Other Compatible functions
  - Sample Application

Description:
This option should be selected to install the JDK/JRE (and which version). The portal component requires installation of the JDK.

1.32 GB of space required on the C drive
235.41 GB of space available on the C drive

InstallShield

< Back  Next >  Cancel
7. The JDK installation check message box is displayed. Click Yes.

8. In the Select Installation Folder for JDK 7, browse and select the desired location. Click Next.
9. In the **Select Installation Folder for JDK 6**, browse and select the desired location. Click **Next**.

![Select Installation Folder for JDK 6](image)

- Disk capacity required for installation: 170 MB
- Space available on local disk drive: C: 241058 MB

10. In the Interstage Management Console Settings, select **Do not use SSL encryption**. Click **Next**.

![Interstage Management Console Settings](image)

- Use SSL encryption.
- Do not use SSL encryption.
11. In the Interstage Java EE Admin Console Settings, select **Use SSL encryption**. Click **Next**.

12. In the Port Number Setup, specify the desired port numbers for **Interstage Management Console**, **Web Server** (to launch Flexcube UBS), and **CORBA Service**.
13. In the Message Manual Installation, select **Install the Message Manual**. Click **Next**.

14. In the Select J2EE common folder, browse and select the desired location (application deployment path). Click **Next**.
15. In the Java EE Function Port Number Settings, verify/update required port numbers. Click **Next**.

16. In the Select Java EE Common Folder, browse and select the desired location. Click **Next**.
17. In the Check Installation Settings, verify the installation settings and click **Install**.

The installation progress is displayed in the Setup Status.
18. Once the installation is complete, the status is displayed. Click Finish and close the installer.

Interstage installation is now complete.

Interstage Management Console can be launched using the URL (if port number and SSL settings are as per this document): http://<server_hostname>:12000/IsAdmin

Interstage Java EE Admin Console can be launched using the URL (if port number and SSL settings are as per this document): https://<server_hostname>:12001/javaee_admin

1.3 **Changes for JDK7 Support**

The following changes need to be done to introduce support for application built with JDK7.

1. Stop all Interstage services.
2. Edit the following files:
   1. `<Interstage_directory>\F3FMisjee\config\asenv.bat`

   Change:
   ```
   set AS_JAVA=<Interstage_directory>\JDK6
   ```
   To:
   ```
   set AS_JAVA=<Interstage_directory>\JDK7
   ```

   2. `<Interstage_directory>\F3FMisjee\var\ijenv.bat`

   Change:
   ```
   set AS_JAVA=<Interstage_directory>\JDK6
   ```
To:

set AS_JAVA=<Interstage_directory>\JDK7

3. Start all Interstage services. Rebooting the server is one way of stopping and starting Interstage services.

1.4 **Starting Required Services**

Start the following service. Always ensure to start the service(s) after every reboot.

**imqbroker**

Go to the directory `<Interstage_directory>\F3FMisjee\imq\bin` and run the windows batch file `imqbrokerd.exe`