

Oracle FLEXCUBE Core Banking

Oracle FLEXCUBE-CORE Branch
Installation Guide (Windows Server)

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ORACLE®

Oracle FLEXCUBE-CORE Branch Installation Guide (Windows Server)
February 2016

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Introduction

This guide is helpful for initial setup of FLEXCUBE Branch environment on windows server machine.

Base System Configurations

Hardware

Here we strongly suggest you to verify your target installation machine's environment and make sure it meets the minimum hardware as below

CPU: Intel Duo Core 2.0 GHz

Hard Disk: 10GB free space

Memory: 1GB

Network: 100M Ethernet connection

Operating Systems

FLEXCUBE-CORE Branch application supports windows server family. You can run it on

Windows Server 2012 R2

Prerequisites

Windows Administrator

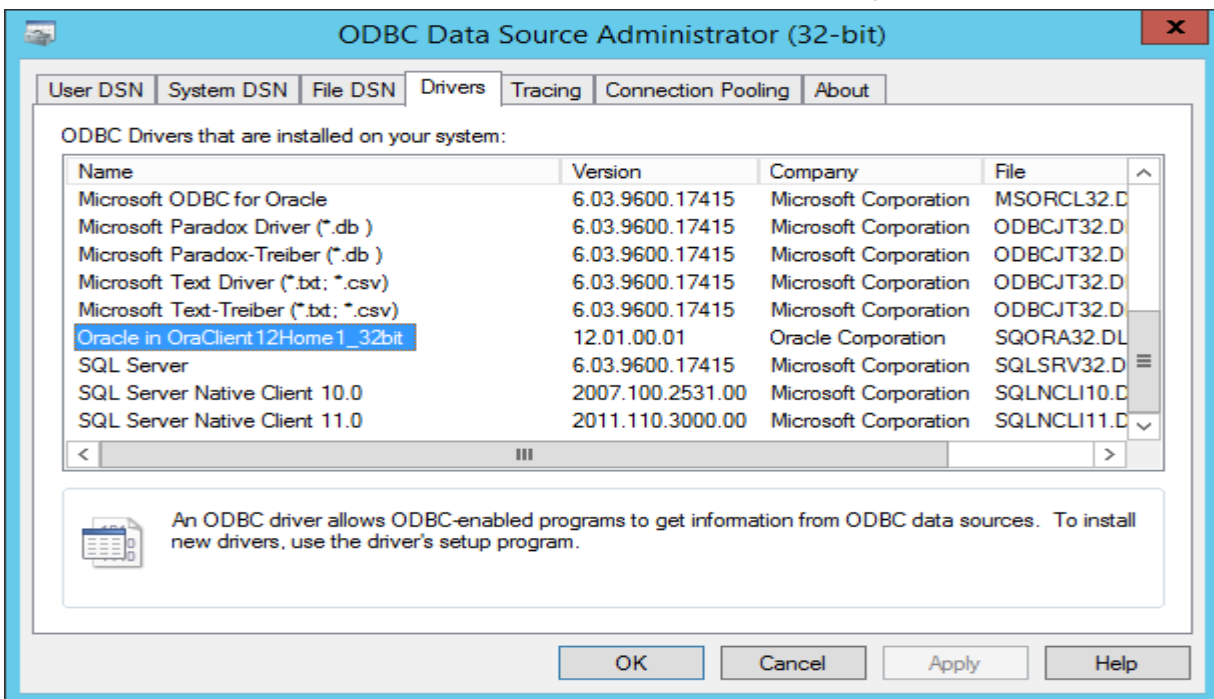
We suggest that you install the FLEXCUBE-CORE Branch with the administrator user on windows server. So please log into the windows server as administrator and proceed with the installation.

Oracle Database 12c(12.1.0.1) Administrator Client

FLEXCUBE-CORE Branch requires oracle database driver on the windows server to connect to Oracle database server. If your machine already has oracle 12c driver installed, you can check the ODBC Data Source configuration.

Follow these steps:

1. Goto C:\Windows\SysWOW64 and click on odbcad32.exe
2. Click the **Drivers** tab, check if the Oracle 12c driver is present in the list.



If not, there is no Oracle driver installed on your machine. Then you need to install the driver by the following steps below.

- Download Oracle administrator client
- Please download **oracle 12c(12.1.0.1) Database client(32 bit)** from Oracle website. Then unzip it to your windows server machine folder.

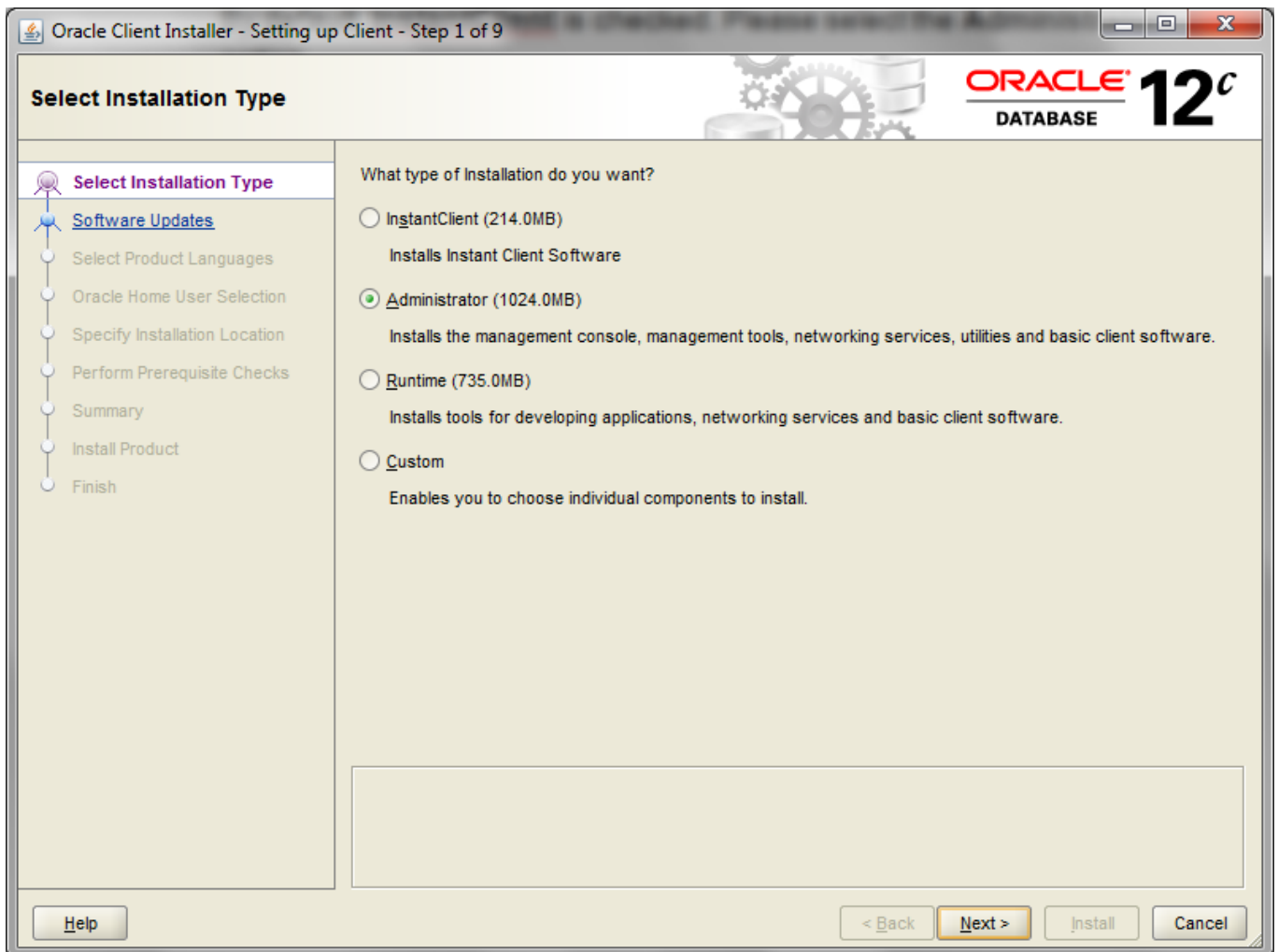
Please contact your system administrator before downloading software.

- Launch the instant client installer

Open the client installer folder, e.g. **winnt_12c_client32.zip**. Launch it by clicking setup.exe

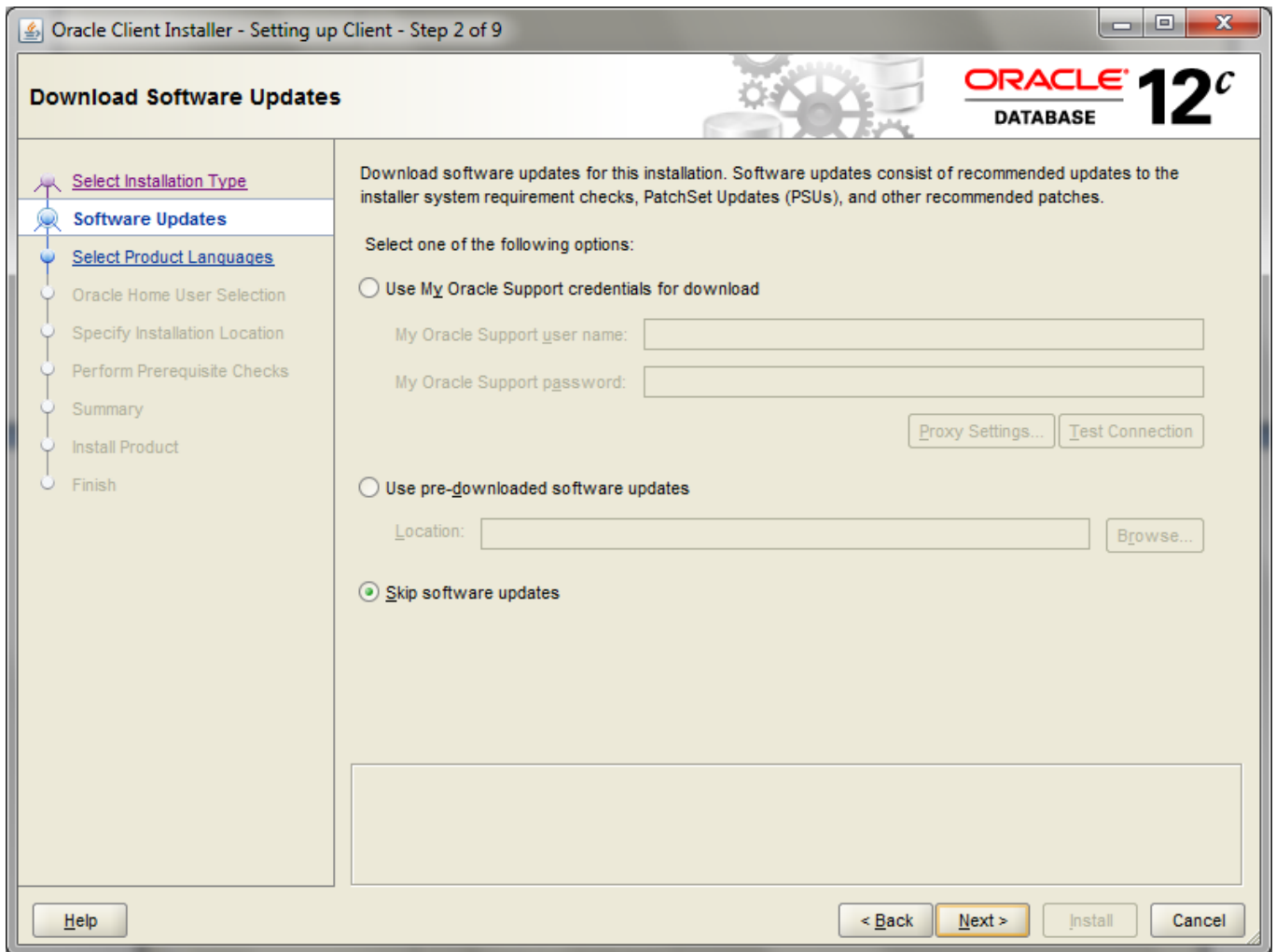
- Select Installation Type

By default, **InstantClient** is checked. Please select the **Administrator** option.



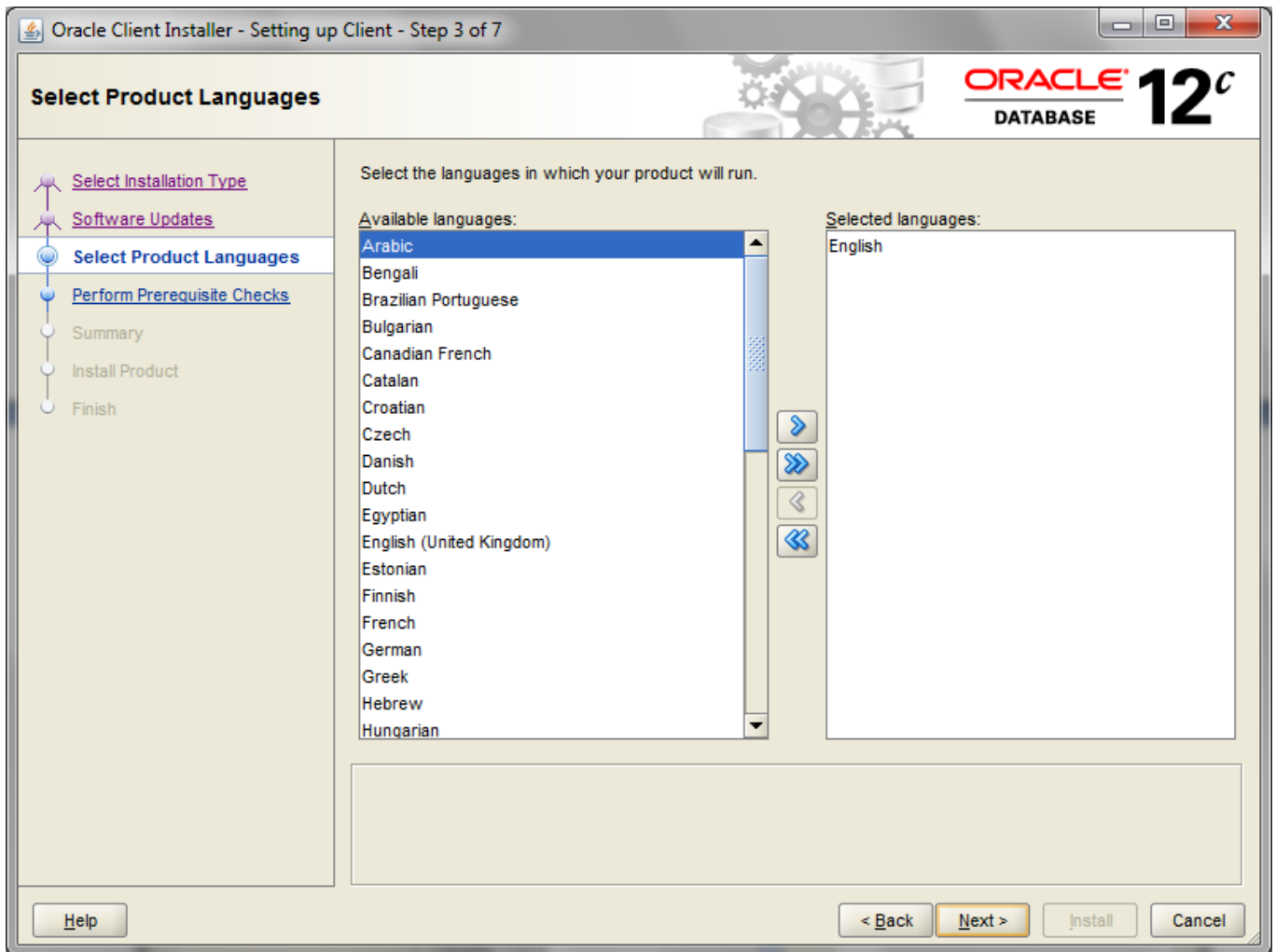
Click **Next** to continue.

- Download Software Updates



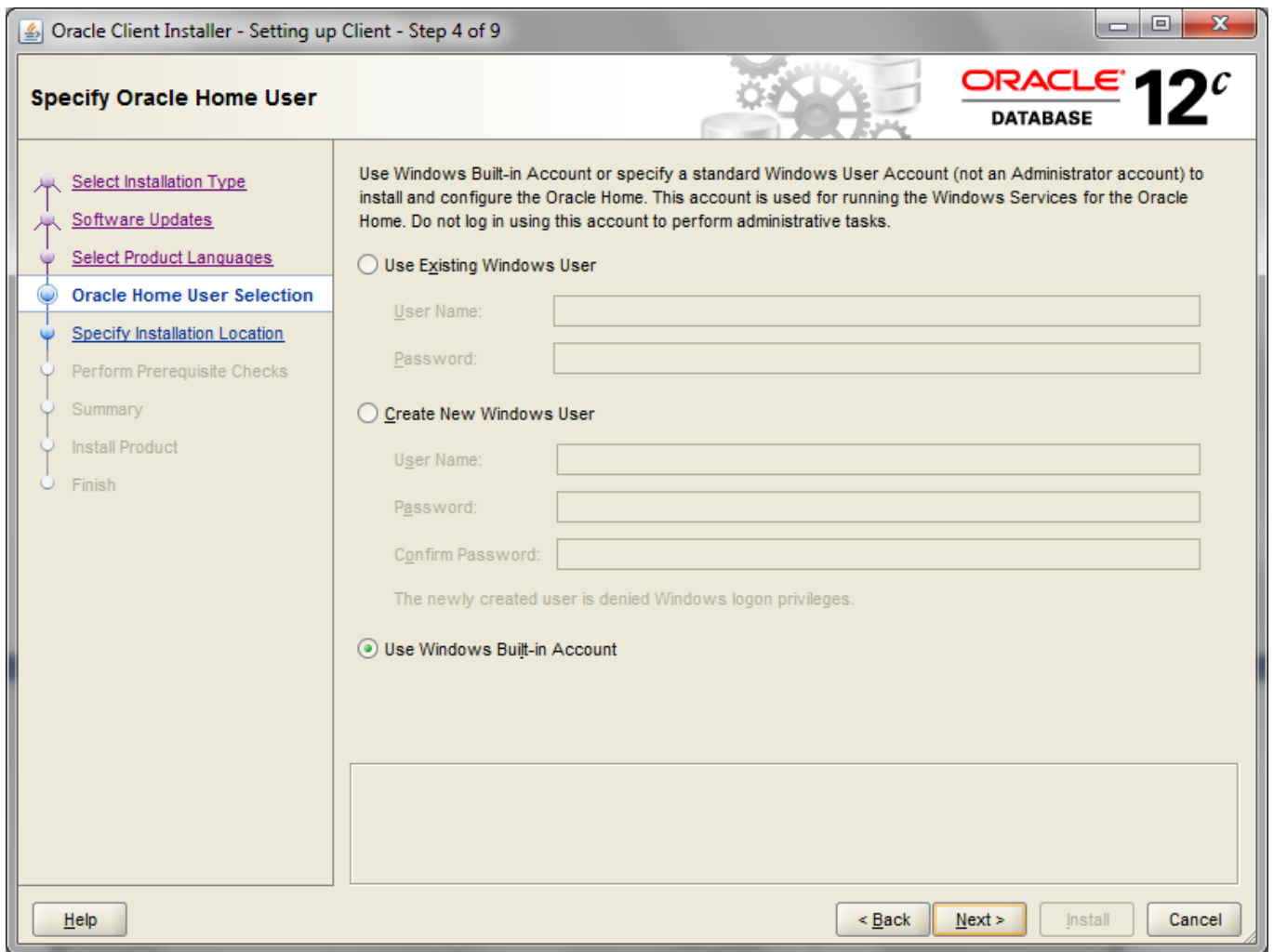
Select Skip software updates and click Next.

- Select Product Language



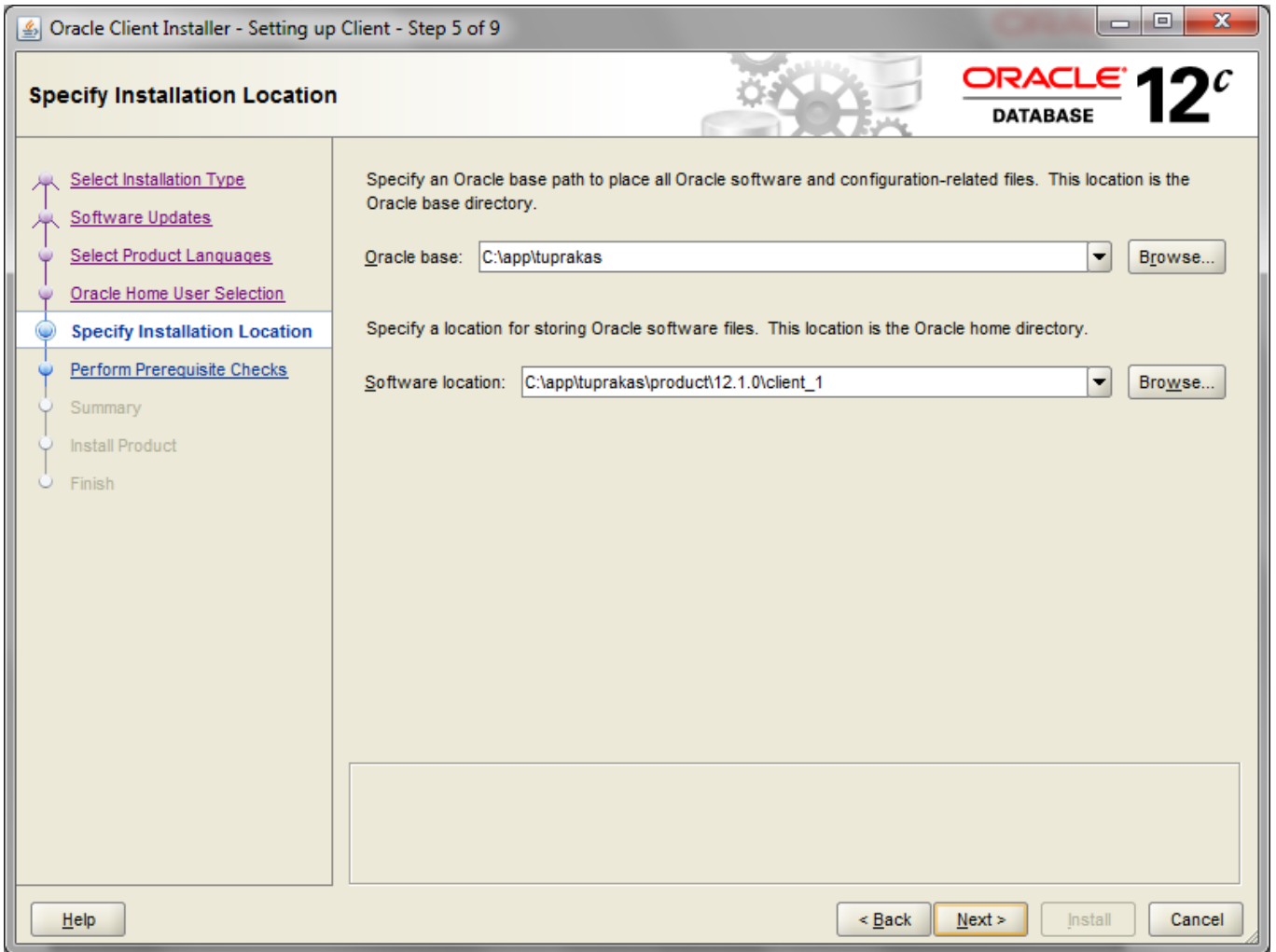
Select English and click Next.

- Specify Oracle Home User



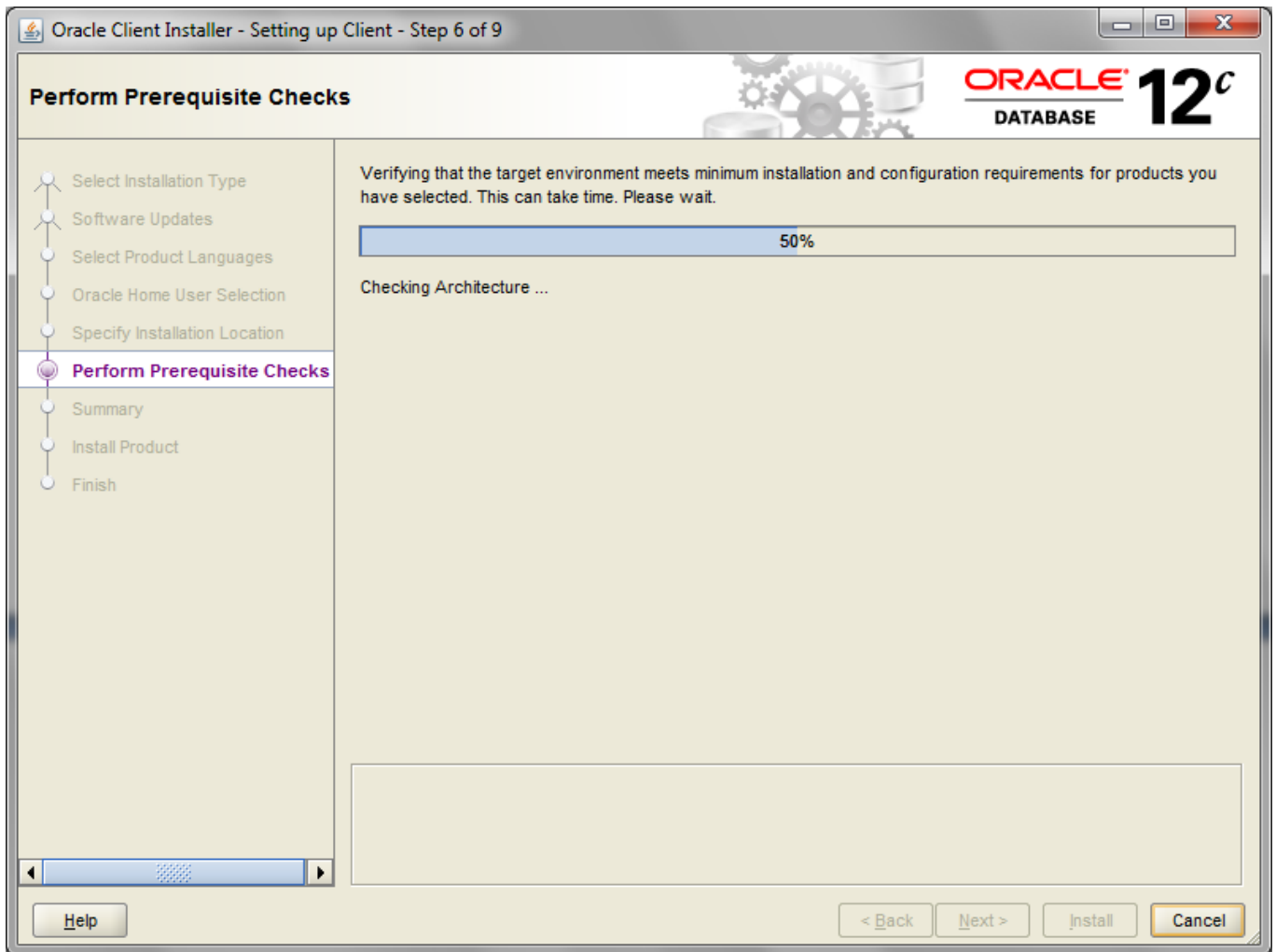
Select Use Windows Built in Account and then click Next.

- Specify Installation Location



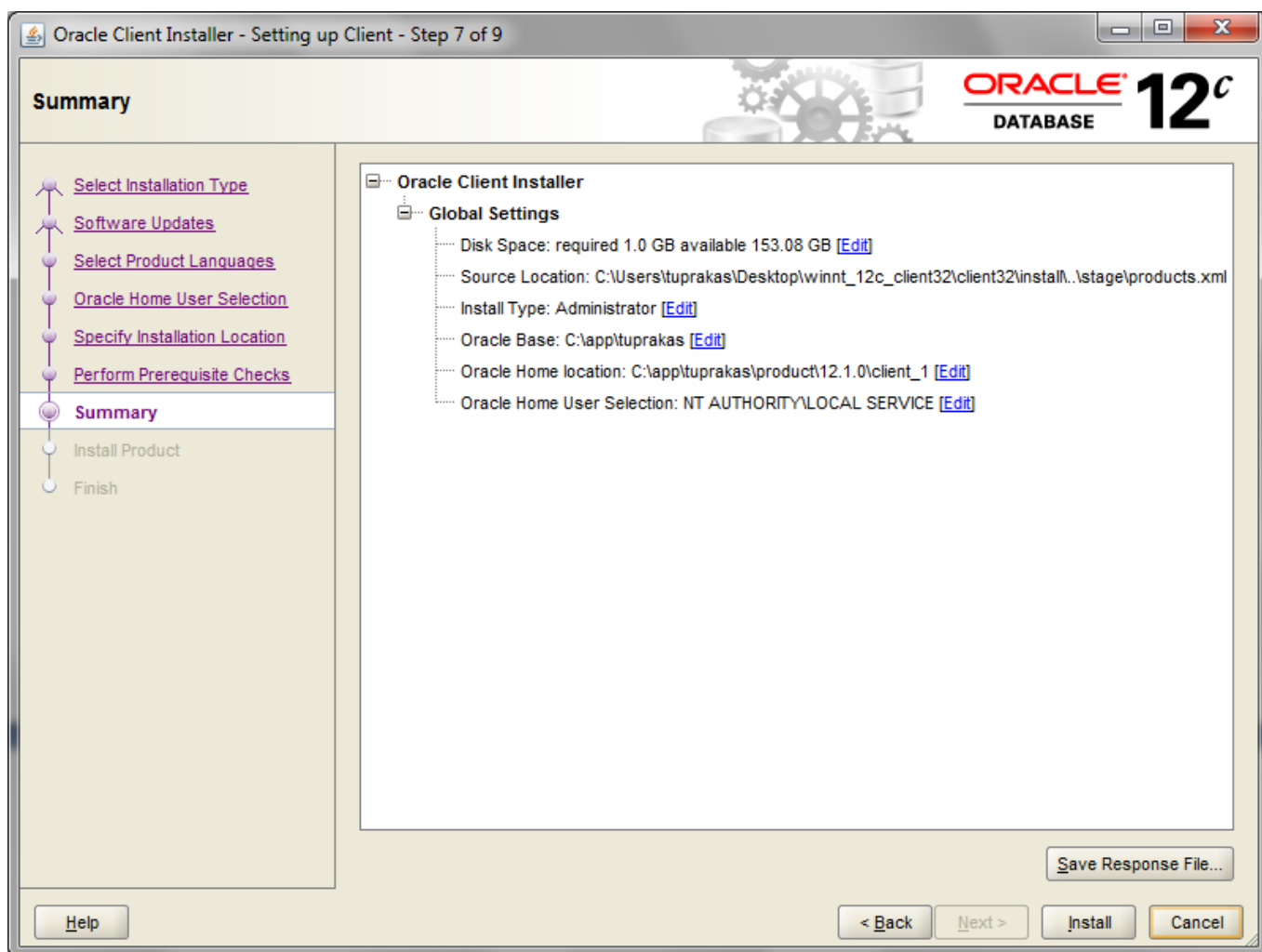
Set the client home path required and click Next.

- Prerequisite Checks



Once the pre-requisite check is complete, the summary page will get displayed.

- Summary



Click install.

Once the progress is complete , click **Exit** to finish.

Once you have completed Oracle 12c administrator client installation, you should see oracle database driver is available in the list under **Drivers** tab in **ODBC Data Sources**

Note: **Tnsnames.ora** needs to be copied in the admin path of the oracle home on windows machine.

Internet Information Services (IIS)

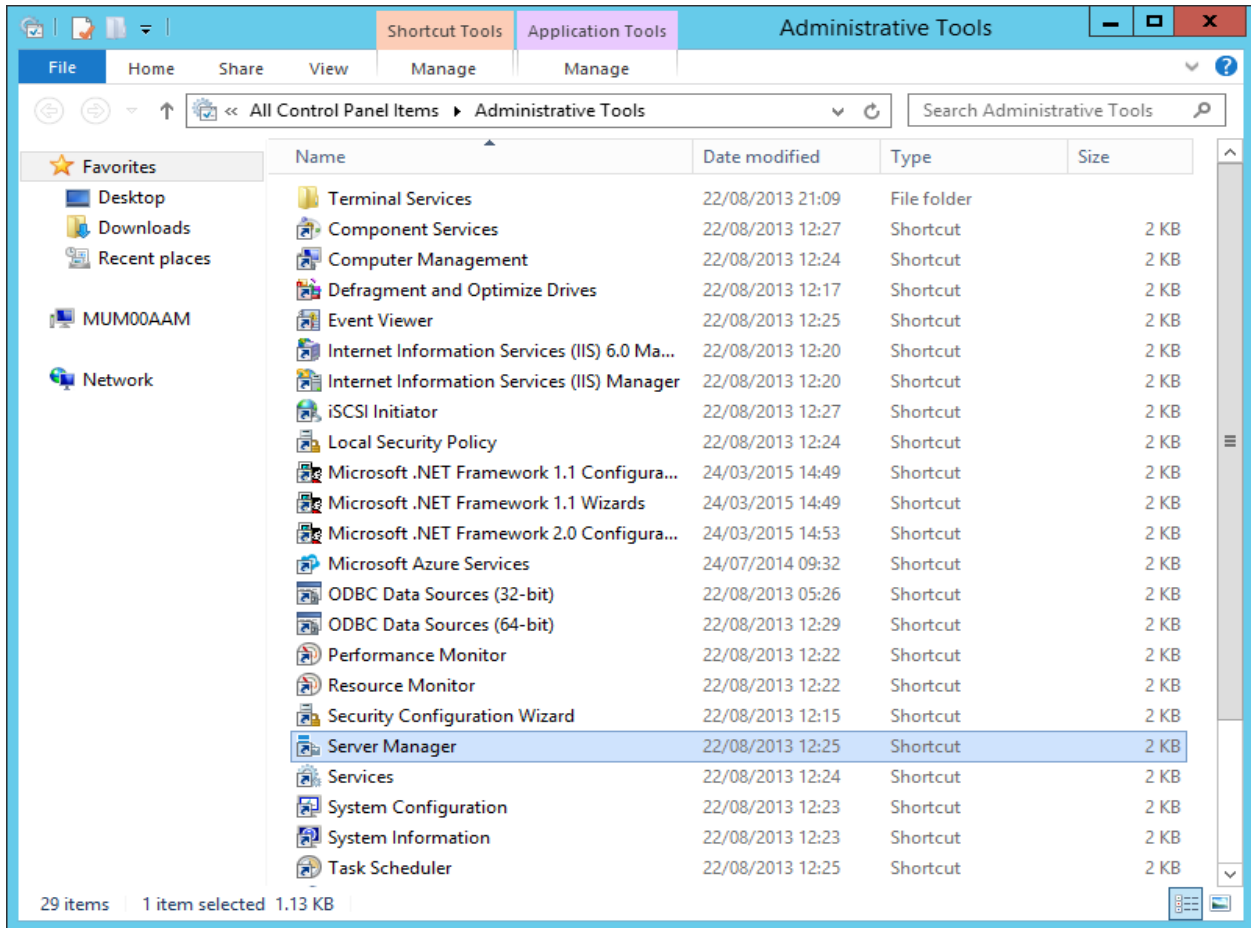
As FLEXCUBE-CORE Branch system runs on Microsoft IIS, you need to install and configure IIS before you proceed branch installation. In addition, you need administrator login on windows server and the OS installation CD.

FLEXCUBE-CORE branch can be installed on Windows Server 2012 R2 Enterprise . The IIS related settings are listed below in the section 3.3.1 .

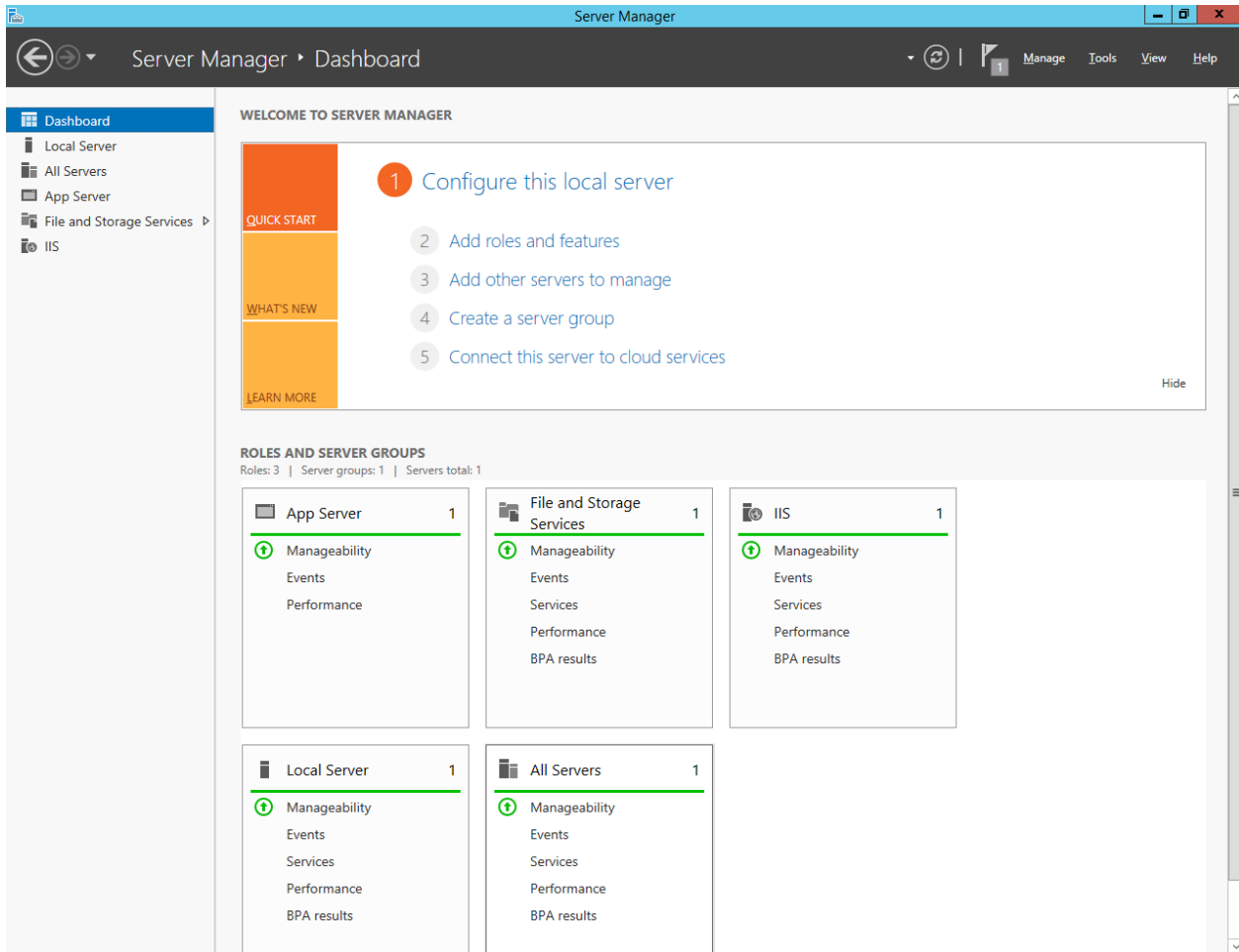
Note : IIS 8.0 is a part of the Windows 2012 R2 enterprise OS.

Windows Server 2012

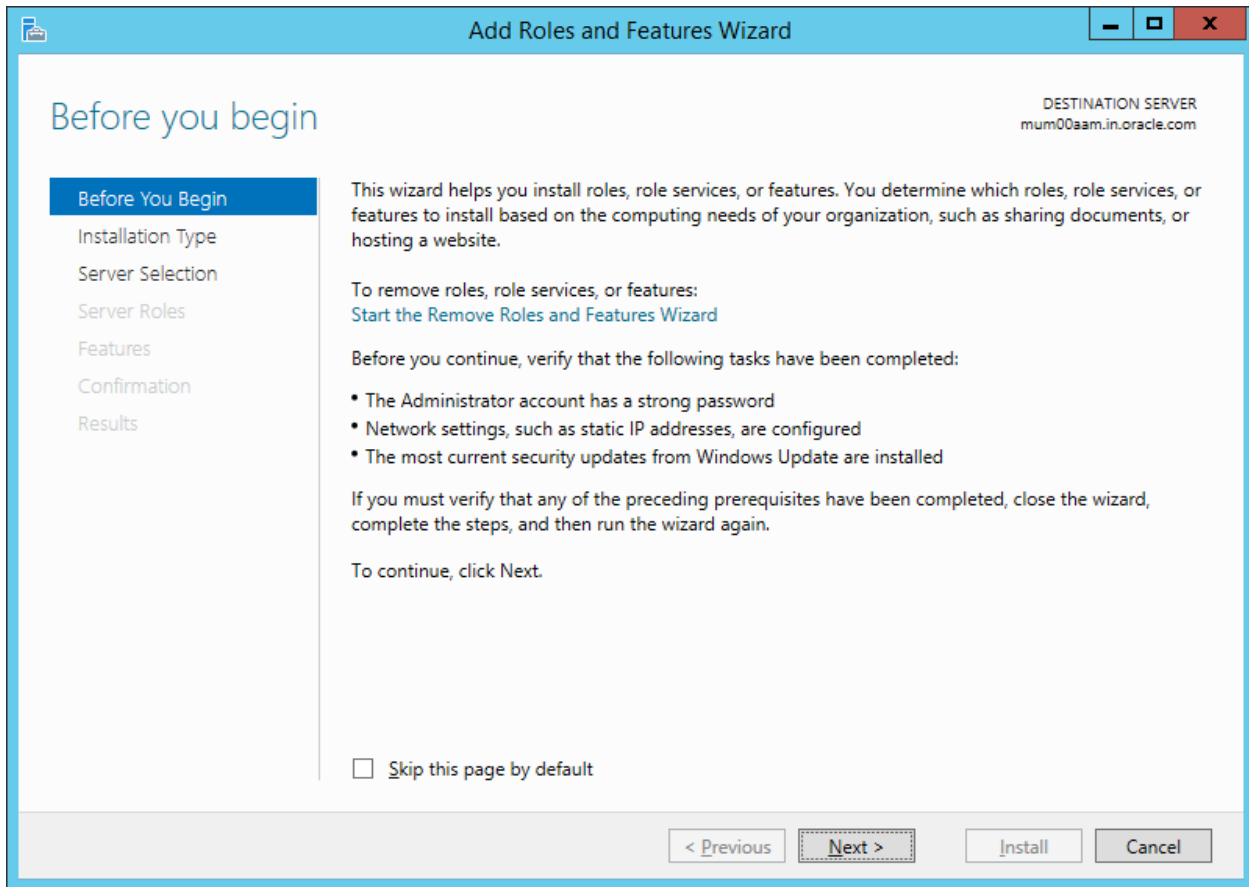
- Go to **Start**→**Administrative Tools** and click **Server Manager**.



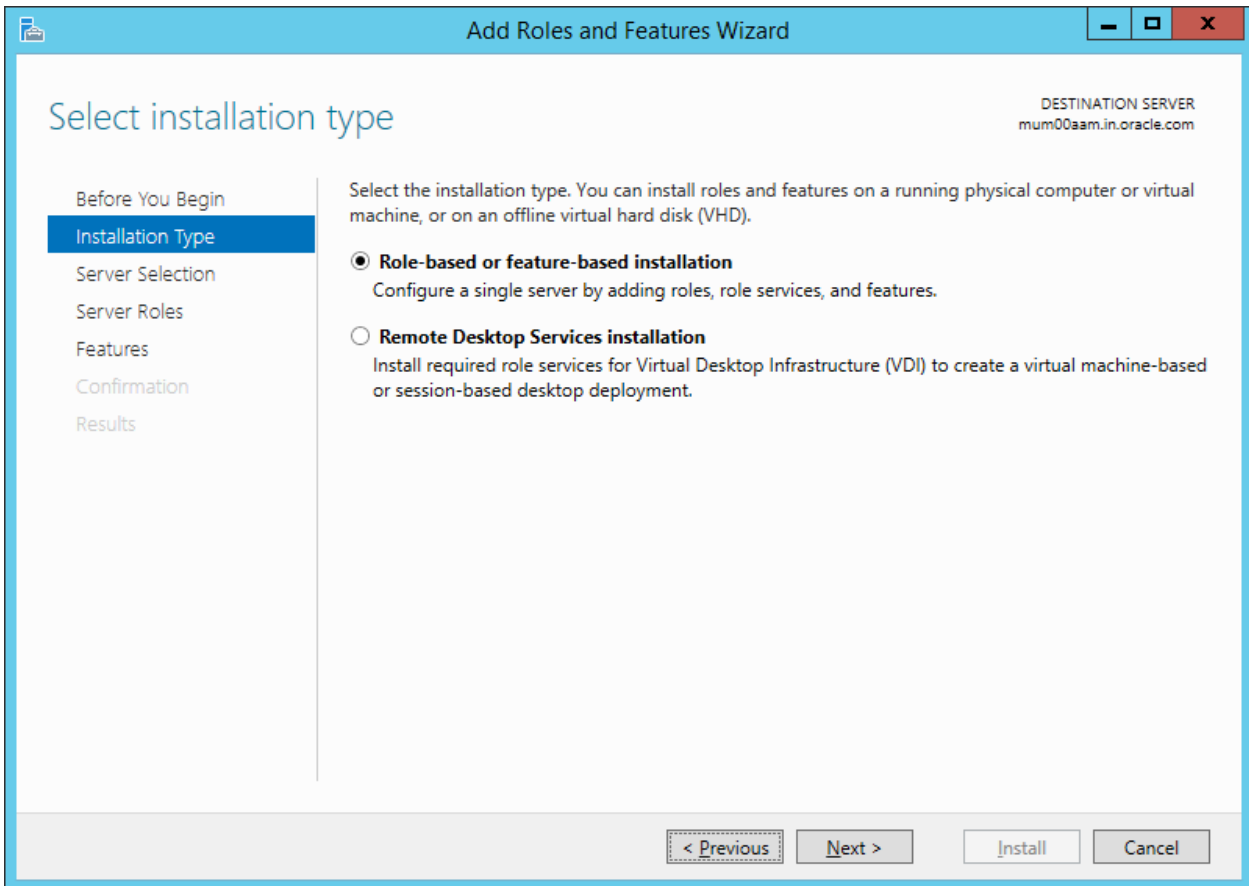
- On the **Server Manager Dashboard** , click **Add Roles and Features** in the Quick Start tab.



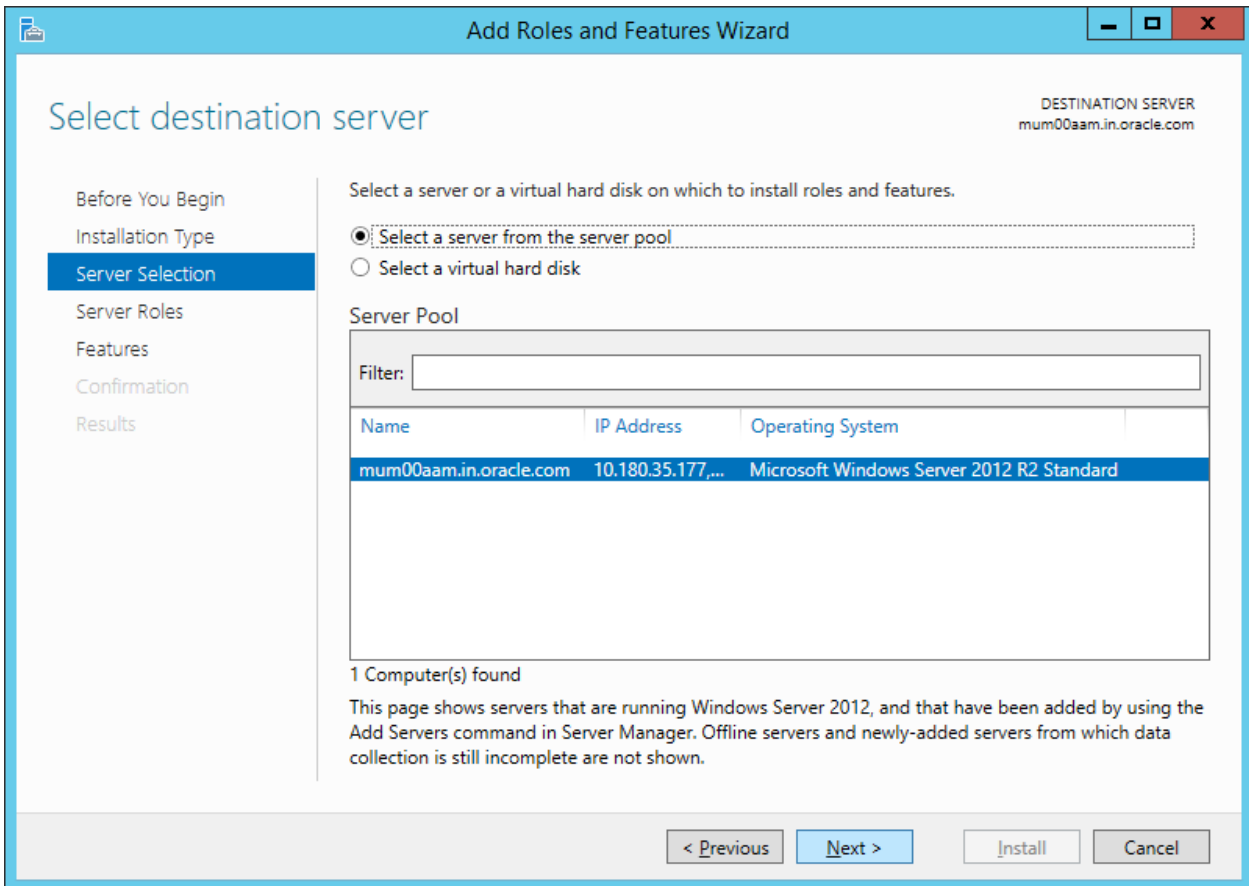
- On the **Before You Begin** window, click next.



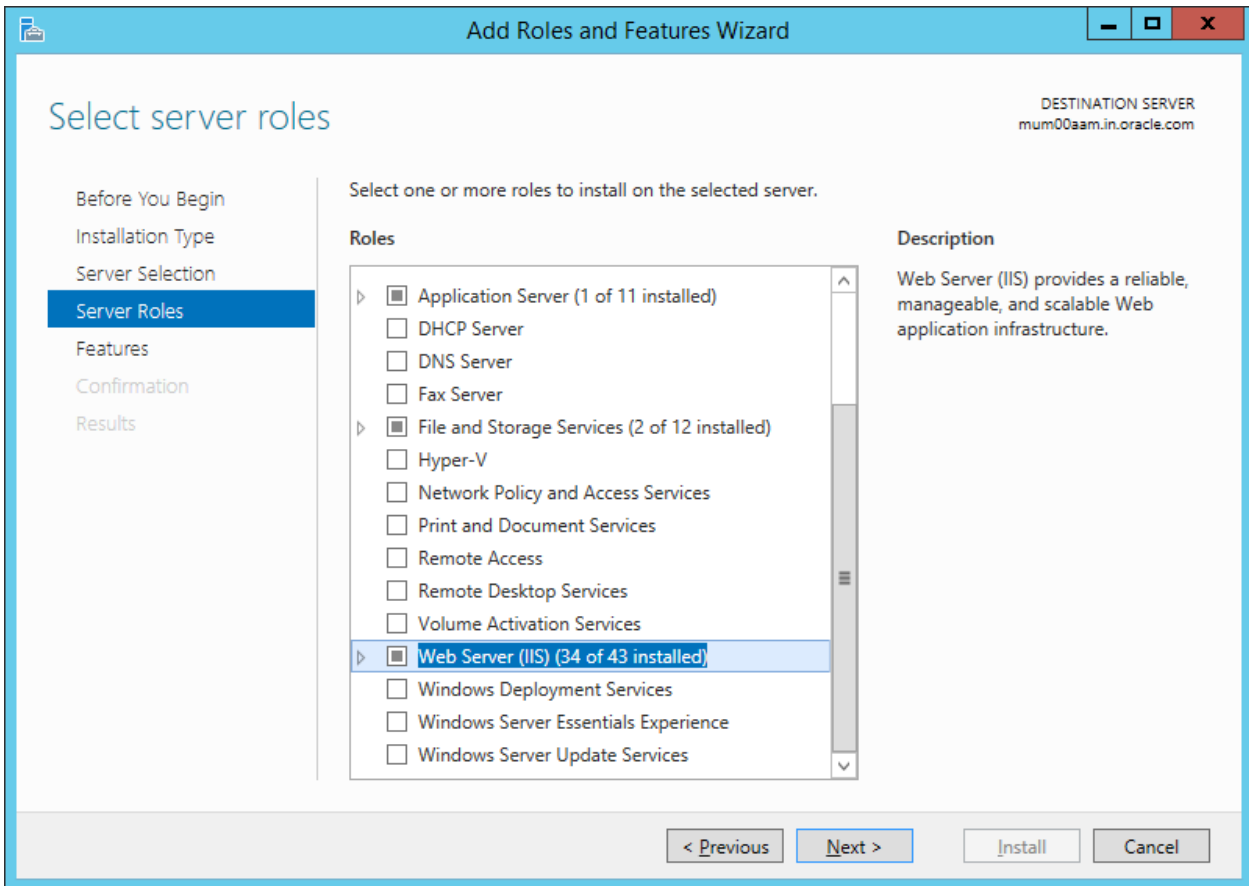
- On the **Select Installation Type** window , select **Role based or feature based installation** and click next.



- On the **Select destination server** window, click **Select a server from the server pool** and click next.



- In the **Select Server Roles** window, select **Web Server (IIS)** in the Roles window.



- Next , the following roles need to be selected in the **Server roles** tab(within Web Server (IIS)).

Common Http Features

- Static Content
- Default Document
- Directory Browsing
- Http Errors
- Http Redirection

Application Development

- ASP.NET 3.5
- ASP.NET 4.5
- .Net Extensibility 3.5
- .Net Extensibility 4.5
- ASP
- CGI
- ISAPI Extensions
- Application Initialization
- Web Socket Protocol
- ISAPI Filters
- Server Side Includes

Health and Diagnostics

- Http Logging
- Logging Tools
- Request Monitor
- Tracing

Security

- Basic Authentication
- Windows Authentication
- Client Certificate Mapping Authentication
- IIS Client Certificate Mapping Authentication
- URL Authorization
- Request Filtering

Performance

- Static Content Compression

Management Tools

- IIS Management Console
- IIS Management Scripts and Tools
- Management Service
- IIS 6 Management Compatibility(Select all Sub options within the Role)

Add Roles and Features Wizard

DESTINATION SERVER
mum00aam.in.oracle.com

Select server roles

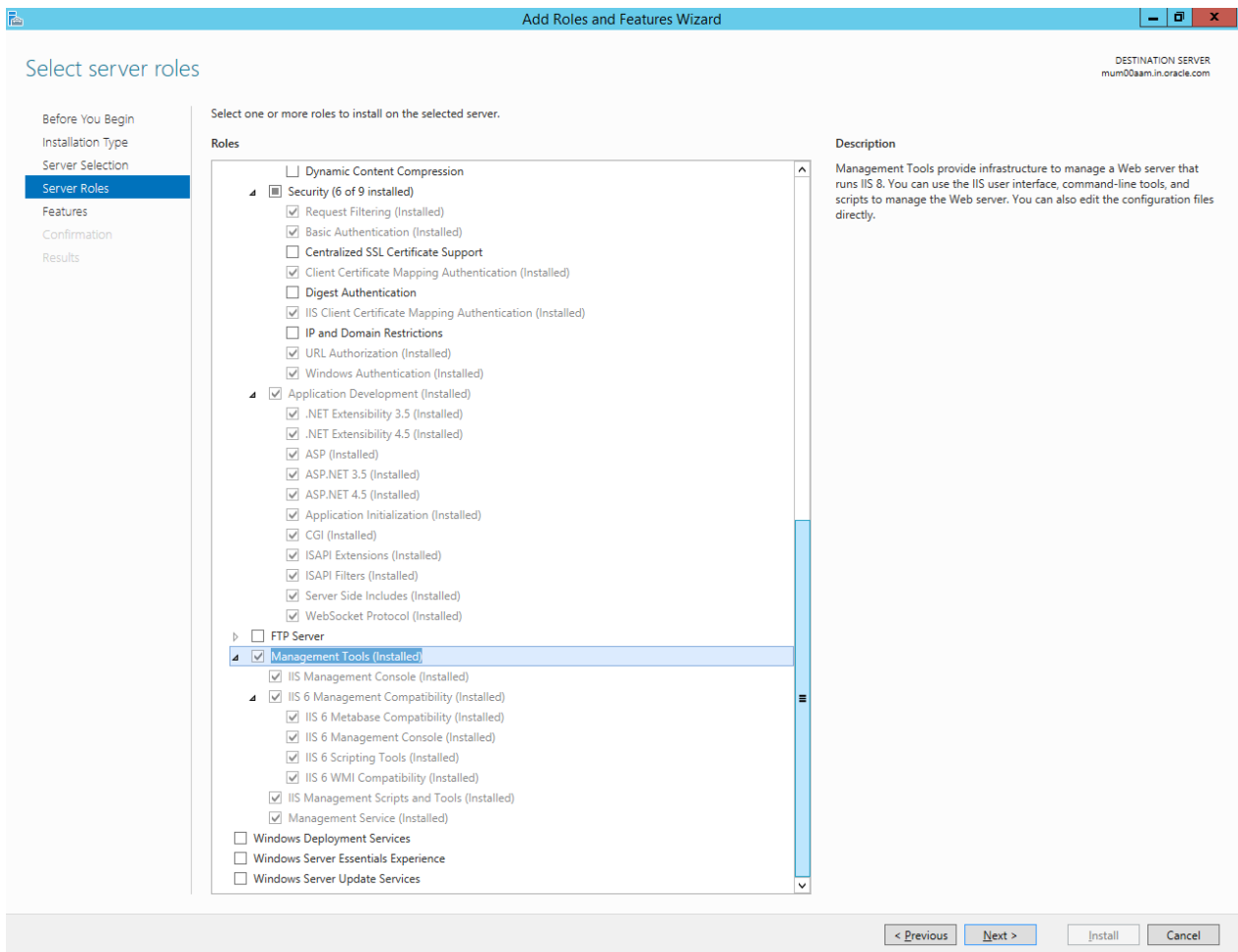
Before You Begin
Installation Type
Server Selection
Server Roles
Features
Confirmation
Results

Select one or more roles to install on the selected server.

Roles	Description
<input checked="" type="checkbox"/> Web Server (IIS) (34 of 43 installed)	Management Tools provide infrastructure to manage a Web server that runs IIS 8. You can use the IIS user interface, command-line tools, and scripts to manage the Web server. You can also edit the configuration files directly.
<input checked="" type="checkbox"/> Web Server (27 of 34 installed)	
<input checked="" type="checkbox"/> Common HTTP Features (5 of 6 installed)	
<input checked="" type="checkbox"/> Default Document (Installed)	
<input checked="" type="checkbox"/> Directory Browsing (Installed)	
<input checked="" type="checkbox"/> HTTP Errors (Installed)	
<input checked="" type="checkbox"/> Static Content (Installed)	
<input checked="" type="checkbox"/> HTTP Redirection (Installed)	
<input type="checkbox"/> WebDAV Publishing	
<input checked="" type="checkbox"/> Health and Diagnostics (4 of 6 installed)	
<input checked="" type="checkbox"/> HTTP Logging (Installed)	
<input type="checkbox"/> Custom Logging	
<input checked="" type="checkbox"/> Logging Tools (Installed)	
<input type="checkbox"/> ODBC Logging	
<input checked="" type="checkbox"/> Request Monitor (Installed)	
<input checked="" type="checkbox"/> Tracing (Installed)	
<input checked="" type="checkbox"/> Performance (1 of 2 installed)	
<input checked="" type="checkbox"/> Static Content Compression (Installed)	
<input type="checkbox"/> Dynamic Content Compression	
<input checked="" type="checkbox"/> Security (6 of 9 installed)	
<input checked="" type="checkbox"/> Request Filtering (Installed)	
<input checked="" type="checkbox"/> Basic Authentication (Installed)	
<input type="checkbox"/> Centralized SSL Certificate Support	
<input checked="" type="checkbox"/> Client Certificate Mapping Authentication (Installed)	
<input type="checkbox"/> Digest Authentication	
<input checked="" type="checkbox"/> IIS Client Certificate Mapping Authentication (Installed)	
<input type="checkbox"/> IP and Domain Restrictions	
<input checked="" type="checkbox"/> URL Authorization (Installed)	
<input checked="" type="checkbox"/> Windows Authentication (Installed)	
<input checked="" type="checkbox"/> Application Development (Installed)	
<input checked="" type="checkbox"/> .NET Extensibility 3.5 (Installed)	
<input checked="" type="checkbox"/> .NET Extensibility 4.5 (Installed)	
<input checked="" type="checkbox"/> ASP (Installed)	
<input checked="" type="checkbox"/> ASP.NET 3.5 (Installed)	
<input checked="" type="checkbox"/> ASP.NET 4.5 (Installed)	
<input checked="" type="checkbox"/> Application Initialization (Installed)	

< Previous Next > Install Cancel

- After selecting the above mentioned roles, click Next.



- Next , In **the Select Features** window, select the features that are given below :

- **.Net Framework 3.5 Features**
 - Net Framework 3.5(includes NET 2.0 and 3.0)
 - HTTP Activations
 - Non-Http Activations

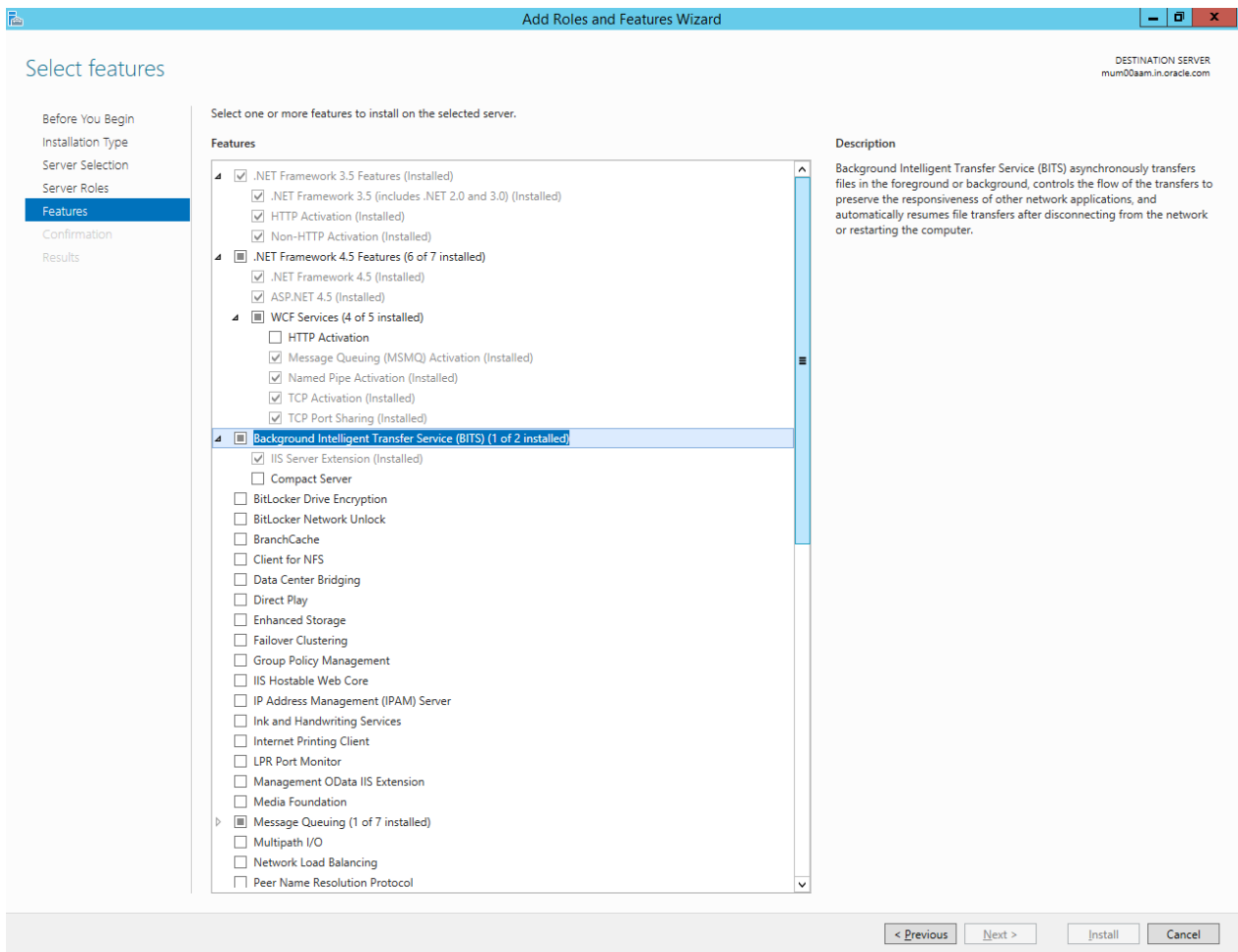
- **.Net Framework4.5 Features**
 - Net Framework 4.5
 - ASP.NET 4.5
 - WCF Services
 - * Message Queuing Activation
 - * Named Pipe Activation
 - * TCP Activation
 - * TCP Port Sharing

- **Background Intelligent Transfer Service**
 - IIS Server Extension

- **Remote Differential Compression**

- **XPS Viewer**

- **Windows Process Activation Service**
 - Process Model
 - .Net Environment
 - Configuration API's



Note : Some roles and features may be installed by default. Do not make any changes with any pre – installed roles or features.

Also be sure **not to select** HTTP Activations within the .Net Framework4.5 Features tab.

Click Next.

Add Roles and Features Wizard

DESTINATION SERVER
mum00aam.in.oracle.com

Select features

Before You Begin
Installation Type
Server Selection
Server Roles
Features
Confirmation
Results

Select one or more features to install on the selected server.

Features

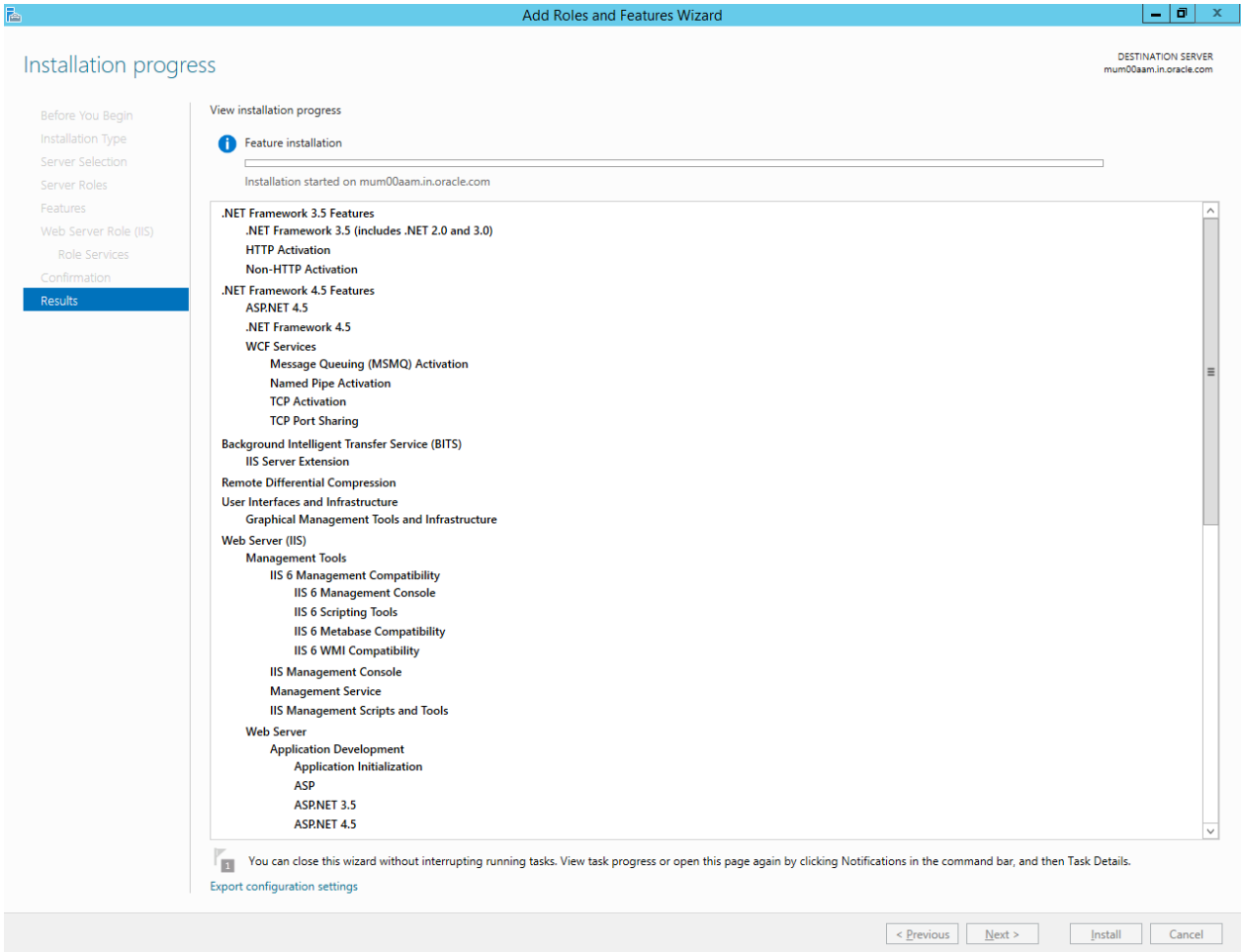
- Message Queuing (1 of 7 installed)
 - Multipath I/O
 - Network Load Balancing
 - Peer Name Resolution Protocol
 - Quality Windows Audio Video Experience
 - RAS Connection Manager Administration Kit (CMAK)
 - RPC over HTTP Proxy
 - Remote Assistance
 - Remote Differential Compression (Installed)
- Remote Server Administration Tools (1 of 40 installed)
 - SMB 1.0/CIFS File Sharing Support (Installed)
 - SMB Bandwidth Limit
 - SMTP Server
- SNMP Service
 - Simple TCP/IP Services
 - TFTP Client
 - Telnet Client
 - Telnet Server
- User Interfaces and Infrastructure (2 of 3 installed)
 - WINS Server
 - WinRM IIS Extension
 - Windows Biometric Framework
 - Windows Feedback Forwarder
 - Windows Identity Foundation 3.5
 - Windows Internal Database
- Windows PowerShell (3 of 5 installed)
- Windows Process Activation Service (Installed)
 - Windows Search Service
 - Windows Server Backup
 - Windows Server Migration Tools
 - Windows Standards-Based Storage Management
 - Windows TIFF IFilter
 - Wireless LAN Service
 - WoW64 Support (Installed)
 - XPS Viewer (Installed)
 - iSNS Server service

Description

Background Intelligent Transfer Service (BITS) asynchronously transfers files in the foreground or background, controls the flow of the transfers to preserve the responsiveness of other network applications, and automatically resumes file transfers after disconnecting from the network or restarting the computer.

< Previous Next > Install Cancel

- In the **Confirm installation selections** window , click **Install**.



- Once the installation is complete , click **Close**.

Add Roles and Features Wizard

DESTINATION SERVER
mum00aam.in.oracle.com

Installation progress

Before You Begin
Installation Type
Server Selection
Server Roles
Features
Web Server Role (IIS)
Role Services
Confirmation
Results

View installation progress

Feature installation

A restart is pending on mum00aam.in.oracle.com. You must restart the destination server to finish the installation.

- .NET Framework 3.5 Features**
 - .NET Framework 3.5 (includes .NET 2.0 and 3.0)
 - HTTP Activation
 - Non-HTTP Activation
- .NET Framework 4.5 Features**
 - ASP.NET 4.5
 - .NET Framework 4.5
 - WCF Services
 - Message Queuing (MSMQ) Activation
 - Named Pipe Activation
 - TCP Activation
 - TCP Port Sharing
- Background Intelligent Transfer Service (BITS)**
 - IIS Server Extension
- Remote Differential Compression**
- User Interfaces and Infrastructure**
 - Graphical Management Tools and Infrastructure
- Web Server (IIS)**
 - Management Tools**
 - IIS 6 Management Compatibility
 - IIS 6 Management Console
 - IIS 6 Scripting Tools
 - IIS 6 Metabase Compatibility
 - IIS 6 WMI Compatibility
 - IIS Management Console
 - Management Service
 - IIS Management Scripts and Tools
- Web Server**
 - Application Development
 - Application Initialization
 - ASP
 - ASP.NET 3.5
 - ASP.NET 4.5

Information You can close this wizard without interrupting running tasks. View task progress or open this page again by clicking Notifications in the command bar, and then Task Details.

[Export configuration settings](#)

< Previous Next > **Close** Cancel

Branch Installation

Acquire FLEXCUBE-CORE Branch Installer Distribution

You can get the FC CORE Branch installer distributed version over the network or a CD/DVD. When you install FC CORE Branch from a CD/DVD, please make sure your target installation system has a CD/DVD ROM equipment.

Please make sure you acquire correct installation version for your operation system. Now FLEXCUBE-CORE branch installer supports the following OS :

Windows Server 2012 R2

The OUI folder (oui_win32) needs to be copied onto the windows machine and has to be executed from that machine only.

The OUI is present at the following path within Relarea_Encrypted inside the Installation zip:

Relarea_Encrypted\flexcube\install\OUI\Branch\oui_win32

The installer should only be run via a user having admin rights on the machine, and same should be given in OUI when entry for Branch Administrator is asked.

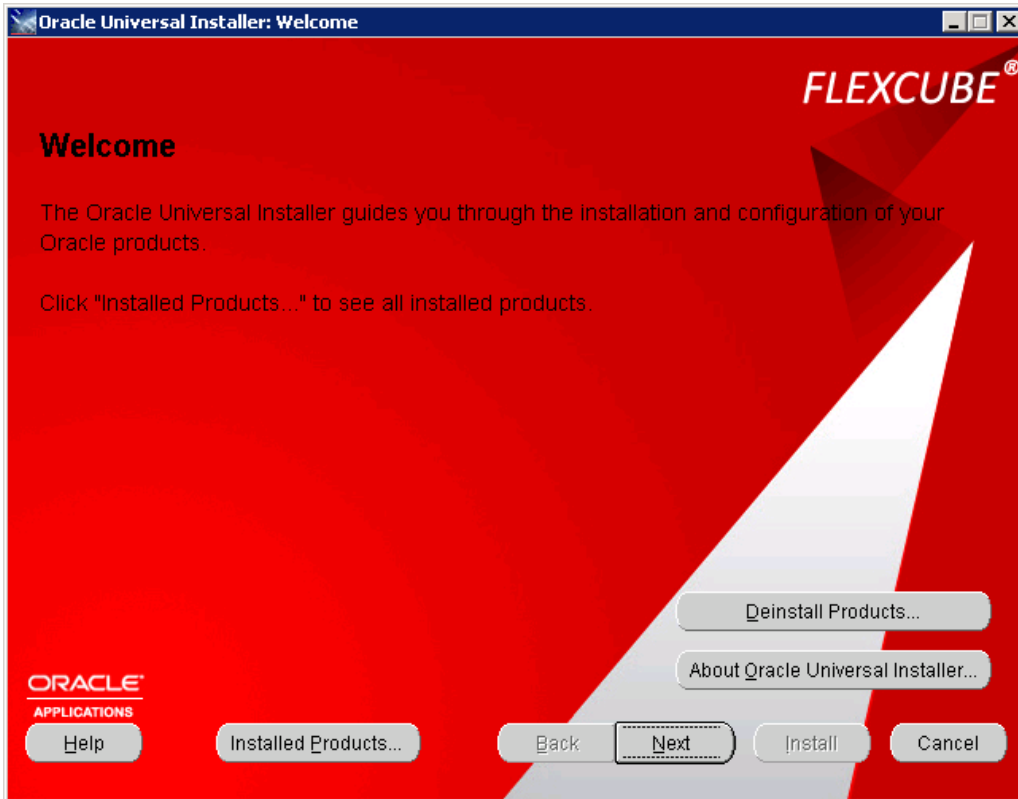
Launch Installer

Once you have the FLEXCUBE-CORE Branch installer, you can launch the start up screen with the following steps:

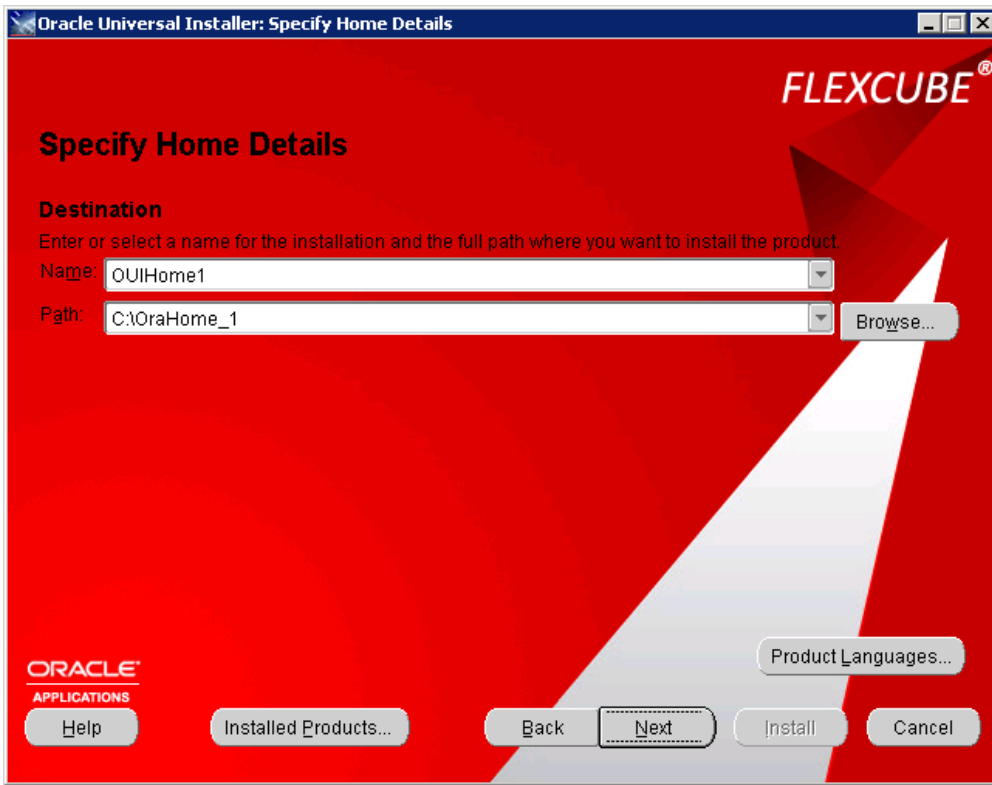
- 1.)Log onto windows server with admin user
- 2.)Go into branch installer, under **../oui_win32/install** directory, then click **Setup.exe**
The installation wizard is displayed and will guide you through all steps to install FLEXCUBE-CORE Branch on your machine.

Welcome screen

You should see the welcome message on first screen. Just click **Next**

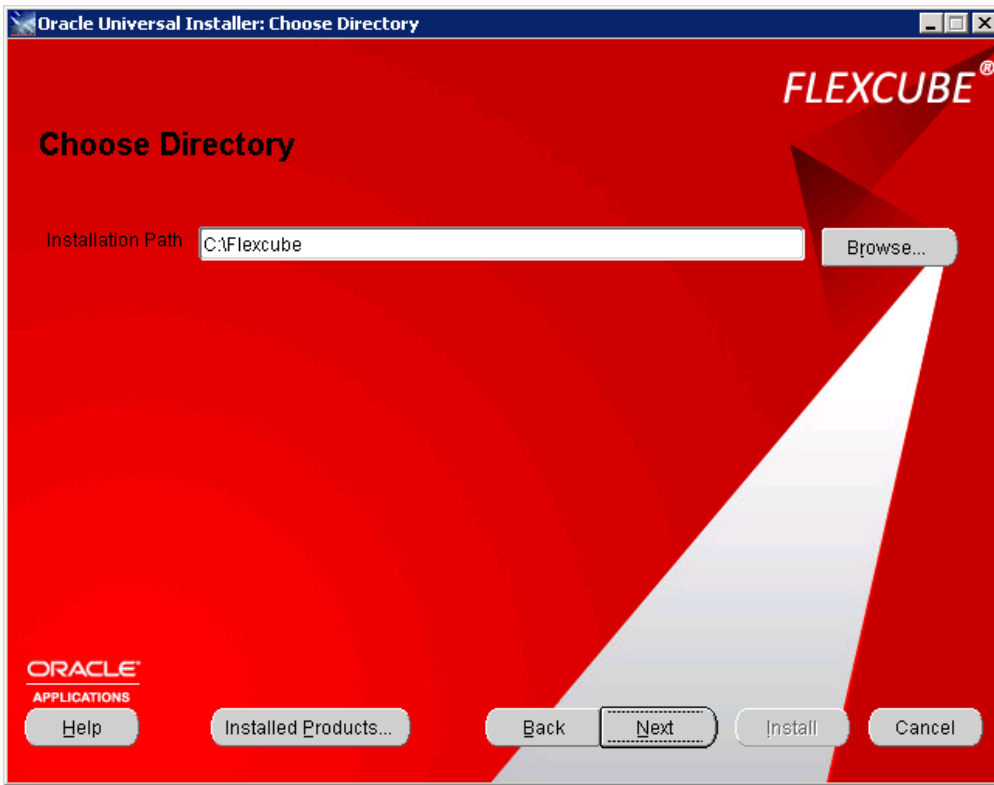


Select Home Details



Keep the default settings. Click **Next**.

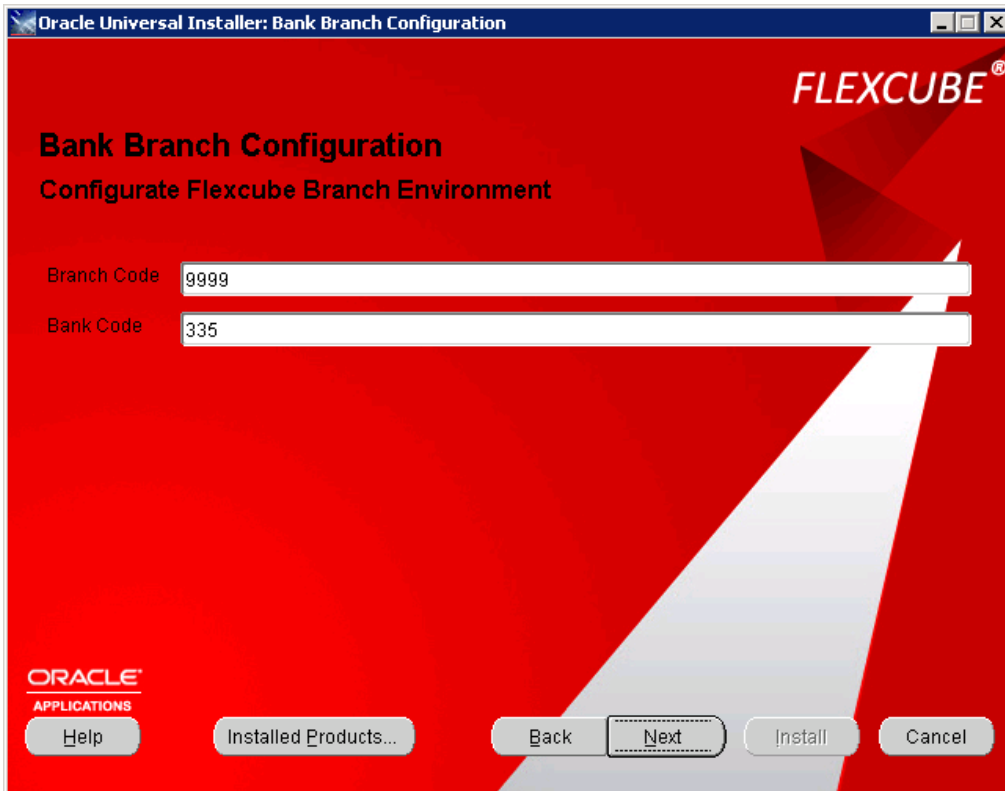
Choose Directory



Set FLEXCUBE-CORE Branch Installation path here. Click **Next**.

Bank Branch Configuration

You can specify FLEXCUBE-CORE bank & branch code respectively



Oracle Universal Installer: Bank Branch Configuration

FLEXCUBE®

Bank Branch Configuration
Configure Flexcube Branch Environment

Branch Code: 9999

Bank Code: 335

ORACLE APPLICATIONS

Help Installed Products... Back Next Install Cancel

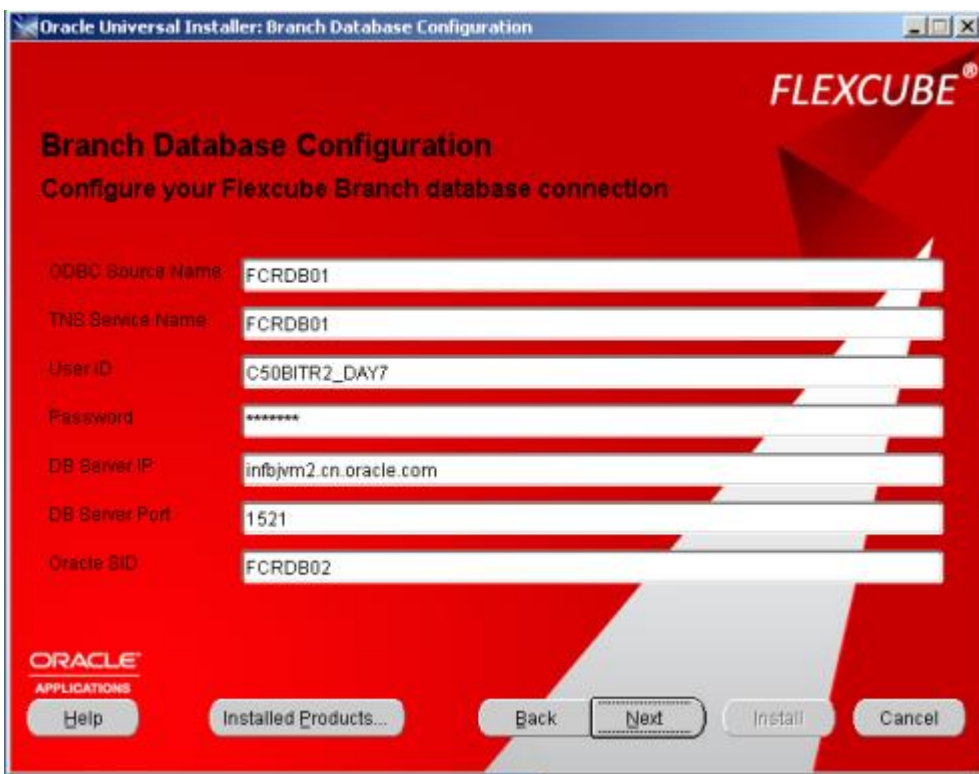
Please contact your supervisor for Bank code and Branch Code details. These details should be same as those provided while running the RCU for DB creation.

Note : In case **bootstrap** is being run on the setup , the **branch code** should be set to **9999** and the **bank code** should be set to **1**

Click Next.

Branch Database Configuration

Please specify FLEXCUBE-CORE branch database connection parameters



There must existing DB info in tnsnames.ora file.

From the below example, please note the corresponding info in the tns entry for the screen inputs.

FCR =

(DESCRIPTION =

(ADDRESS = (PROTOCOL = TCP)(HOST = 10.184.132.87)(PORT = 1521))

(CONNECT_DATA =

(SERVER = DEDICATED)

(SERVICE_NAME = fcr)

)

ODBC Source Name : FCR

TNS Service Name : fcr

DB Server ip : 10.184.132.87

DB server port : 1521

Oracle SID : fcr

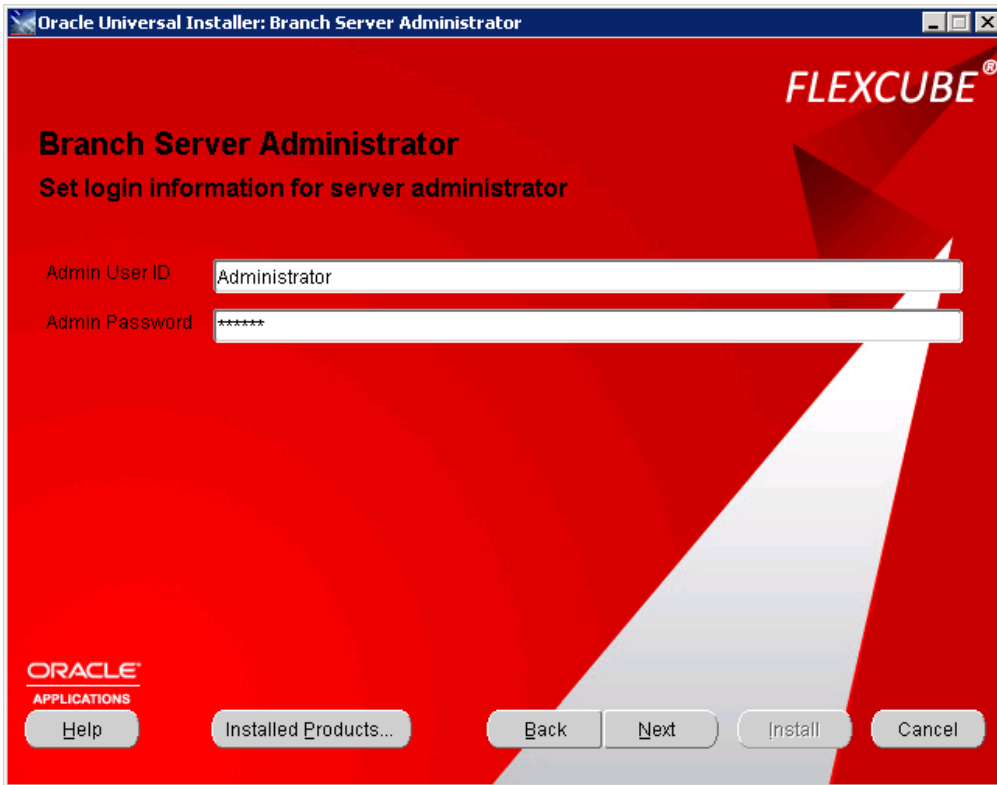
Note : DB Server IP can either be in form of ip as '10.184.132.87' or 'infbjm2.cn.oracle.com'

Please contact with your system administrator for 'User Id' and 'Password' details.

Click **Next**.

Branch Server Administrator

Type in the Windows server Administrator User name and password.



Oracle Universal Installer: Branch Server Administrator

Branch Server Administrator
Set login information for server administrator

Admin User ID: Administrator

Admin Password: *****

ORACLE APPLICATIONS

Help Installed Products... Back Next Install Cancel

Click **Next**.

Note : The Admin User id is the user with which you are running the OUI i.e. any user having admin rights on the Windows Branch.

Host Connectivity

Specify FLEXCUBE-CORE host connection here.

This refers to the hostname(alias) for the host machine. You can also specify the host machine ip here.

Note : For the Host server name, you can log into host server and type following Unix/Linux command to check : \$hostname

Donot alter the default values for Client Branch From and Client Branch To .

Oracle Universal Installer: Host Connectivity

Host Connectivity
Configure Flexcube Host Environment

Host Server Name: fcrHostServer1

Client Branch From: 9999

Client Branch To: 9999

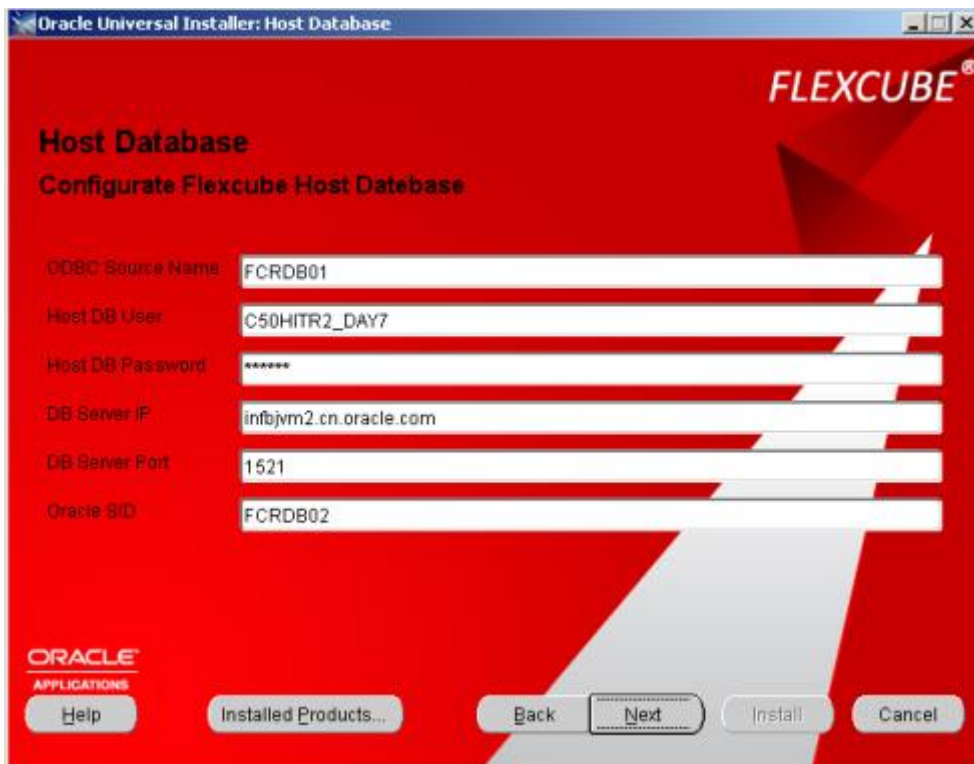
ORACLE APPLICATIONS

Help Installed Products... Back Next Install Cancel

Click **Next**.

Host Database

Specify FLEXCUBE-CORE host database connection here.



There must existing DB info in tnsnames.ora file.

From the below example, please note the corresponding info in the tns entry for the screen inputs.

FCR =

(DESCRIPTION =

(ADDRESS = (PROTOCOL = TCP)(HOST = 10.184.132.87)(PORT = 1521))

(CONNECT_DATA =

(SERVER = DEDICATED)

(SERVICE_NAME = fcr)

)

ODBC Source Name : FCR

TNS Service Name : fcr

DB Server ip : 10.184.132.87

DB server port : 1521

Oracle SID : fcr

Note : DB Server IP can either be in form of ip as '10.184.132.87' or 'infbjm2.cn.oracle.com'

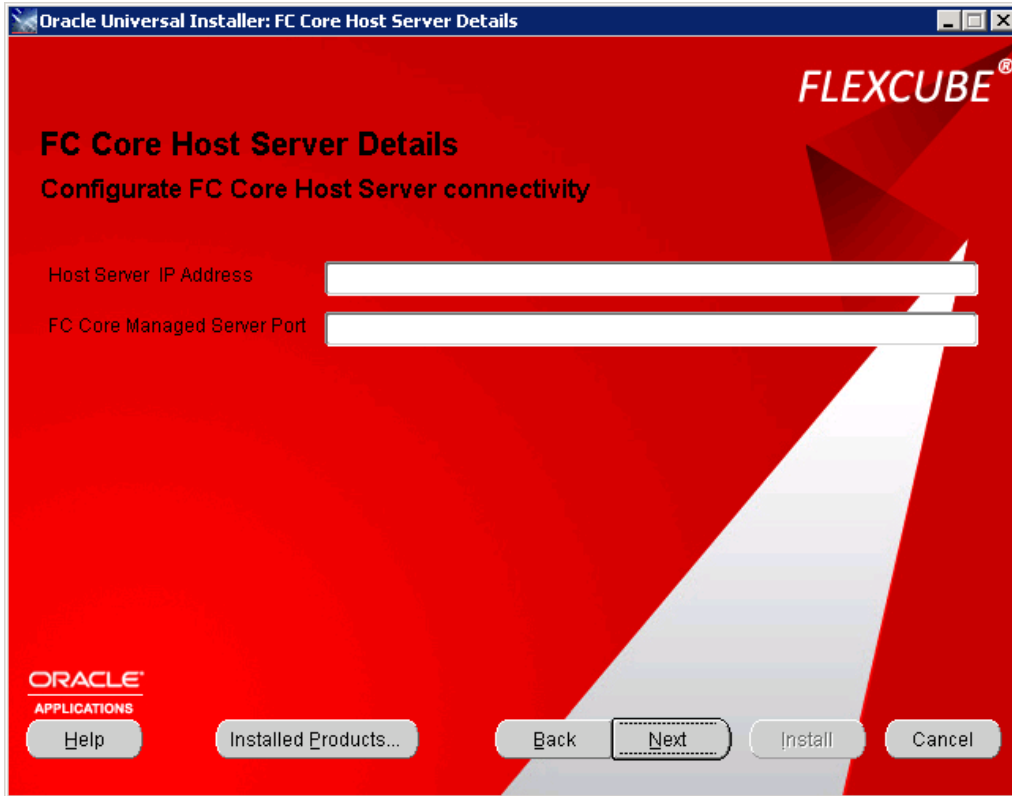
Please contact with your system administrator for 'User Id' and 'Password' details.

Click **Next**.

FC Core Host Server Details

Set Host Server IP address and the FC Core Managed Server port .

Host Server IP is the host machine ip and soap port is the FLEXCUBE-CORE Managed Server port(Defined at time of host installation).



Oracle Universal Installer: FC Core Host Server Details

FLEXCUBE®

FC Core Host Server Details
Configure FC Core Host Server connectivity

Host Server IP Address

FC Core Managed Server Port

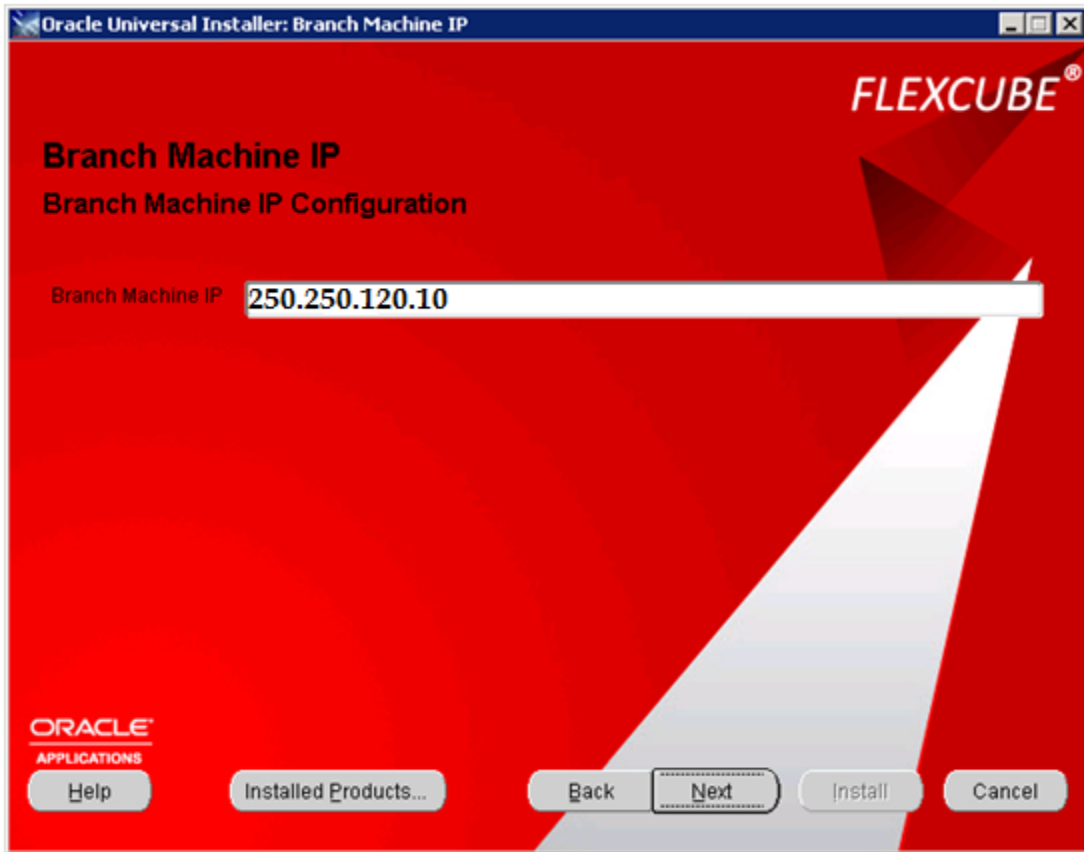
ORACLE
APPLICATIONS

Help Installed Products... Back **Next** Install Cancel

Click **Next**.

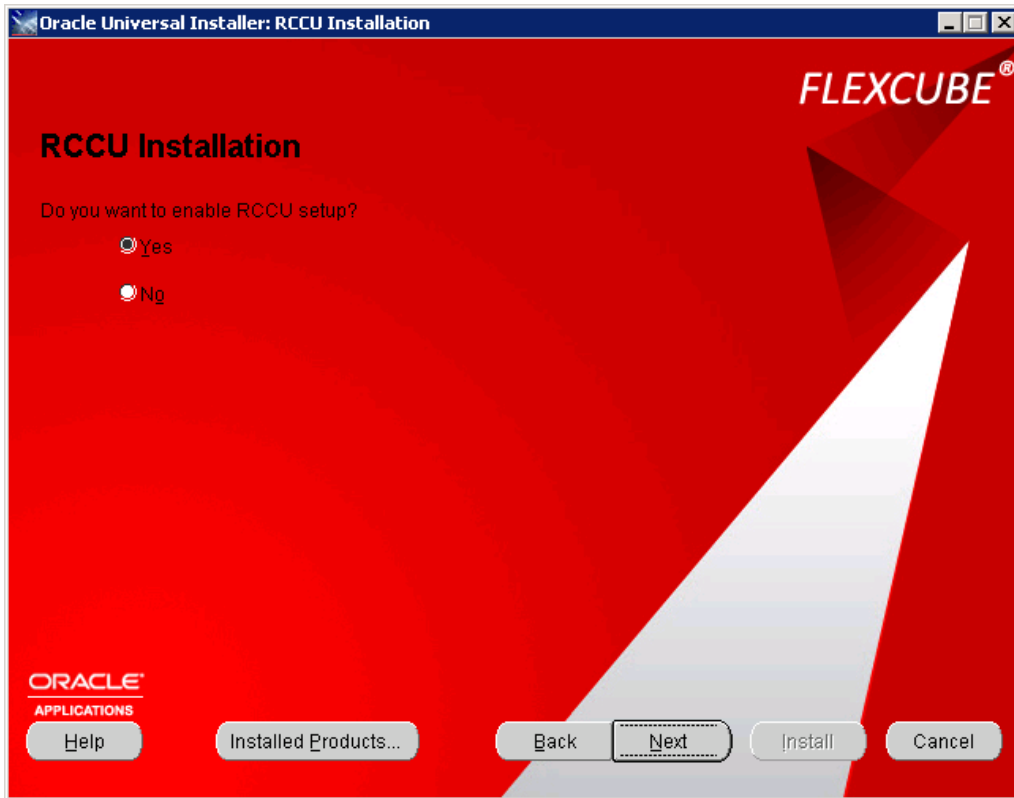
Branch Machine IP

Set IP address of the machine where you are installing the branch.



RCCU Installation

If you want the Branch related RCCU objects to be present in the setup , select Yes. If they are not be included, select No.



After selecting the appropriate radio button, Click Next.

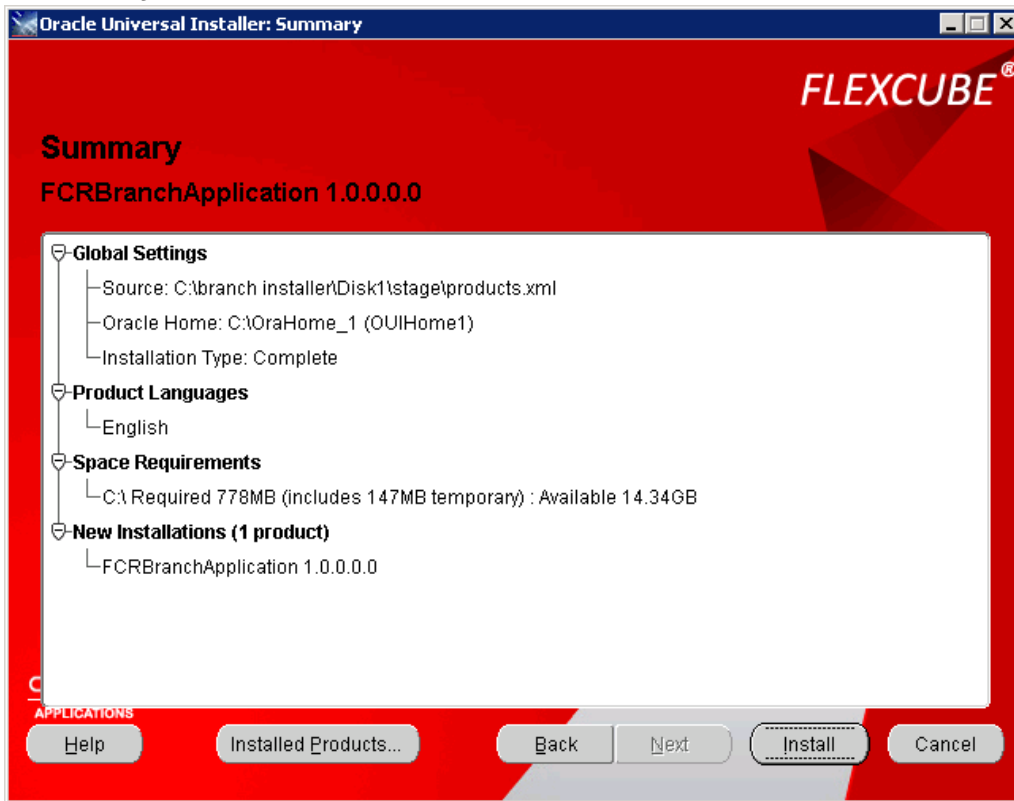
FLEXCUBE-CORE Chinese Localization

If you want add native language, please select “Yes”. And you just want to use English language, please select “No”.



After selecting the appropriate radio button, Click Next.

Summary

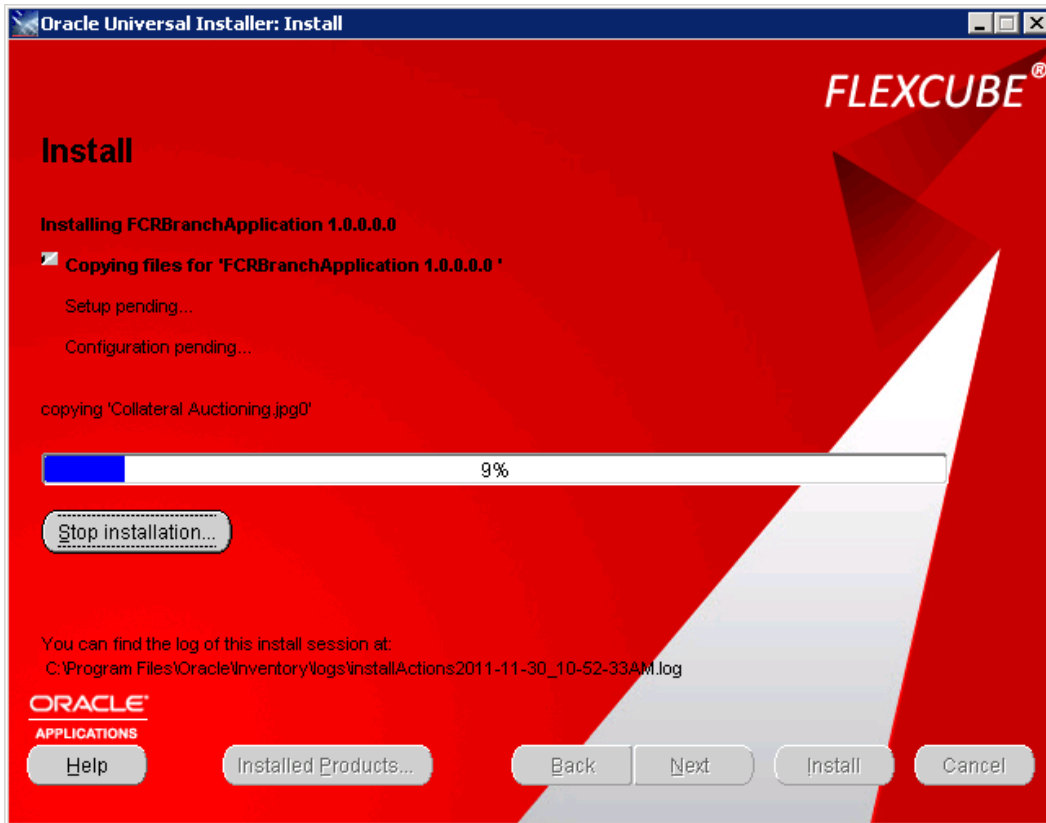


Click **Install** to proceed installation.

Install

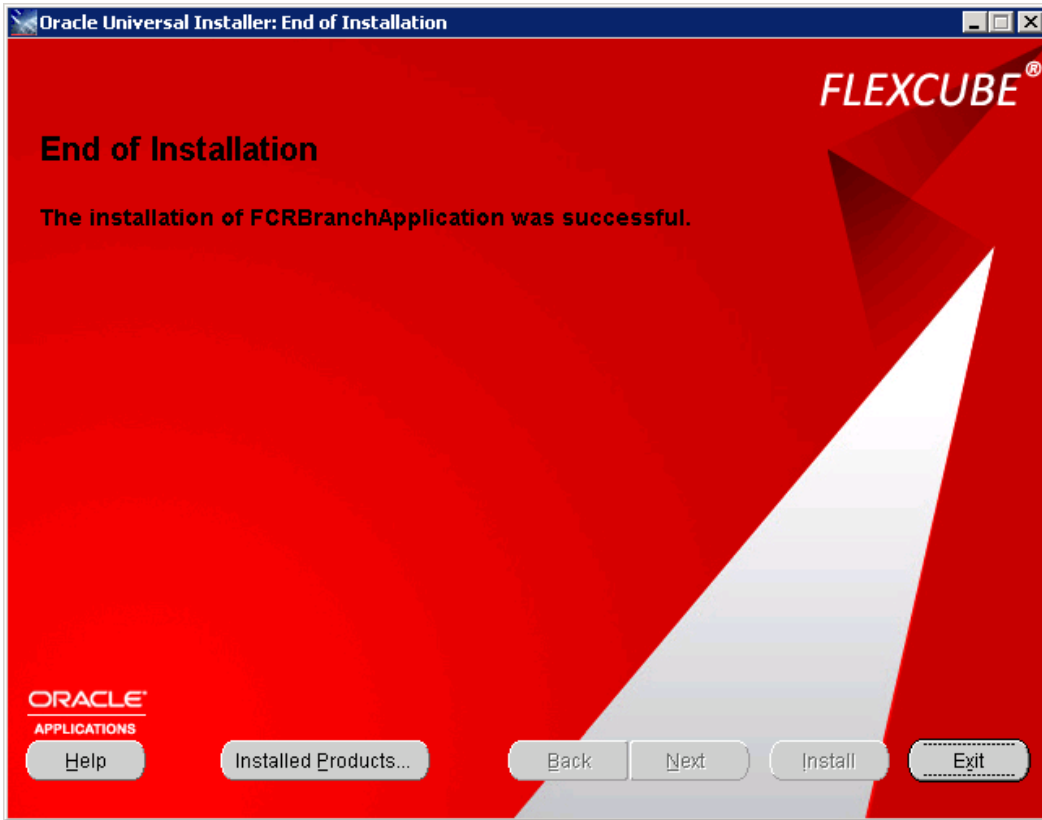
Wait for a while, depends on your machine's performance. The branch installation will be finish shortly. You can click "**Stop installation...**" button to terminate anytime.

Please note that during branch installation, you will get 2 popups to install required third party applications, please follow wizards to install all of them completely.



End of Installation

Just click **Exit** to finish.



Note : Once the OUI run is complete , please **restart** the Branch Machine to properly reflect all changes made during the OUI run.

Post Installation

Changes in system settings

a.) Implementing self signed certificate SSL on branch:

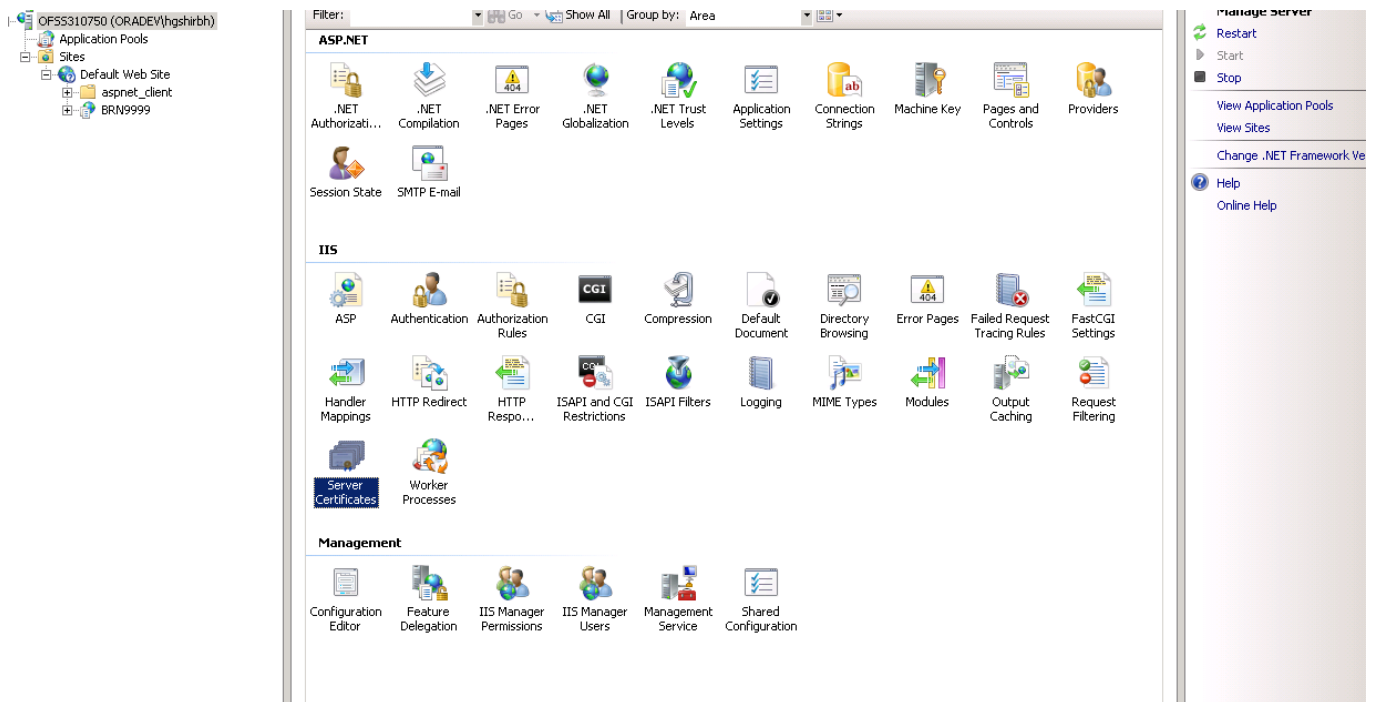
Note : This step is to be done only to check implementation of SSL on branch in the absence of an official SSL certificate(to be provided by bank).

Please contact system administrator for the SSL certificate details.

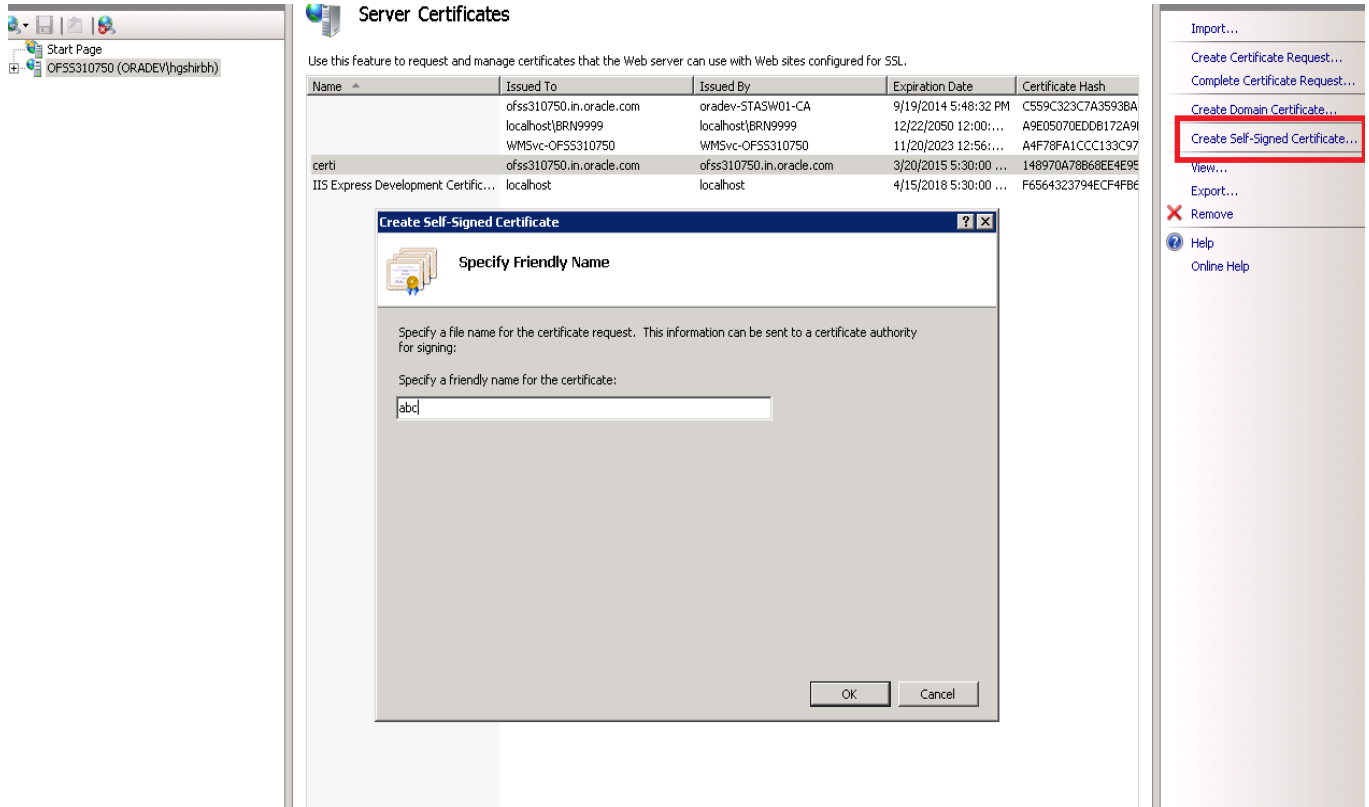
To implement SSL via an official certificate obtained from Certificate Authorities , please follow the below mentioned doc in the encrypted relarea :

[Oracle_FLEXCUBE_Core_Banking_5.2.0.0.0.zip\Relarea_Encrypted\flexcube\install\Docs\Branch\PDF\SSL Configuration - 2008_v1.pdf](#)

1. Create a self signed certificate. Open IIS Server and click on Server Certificate....

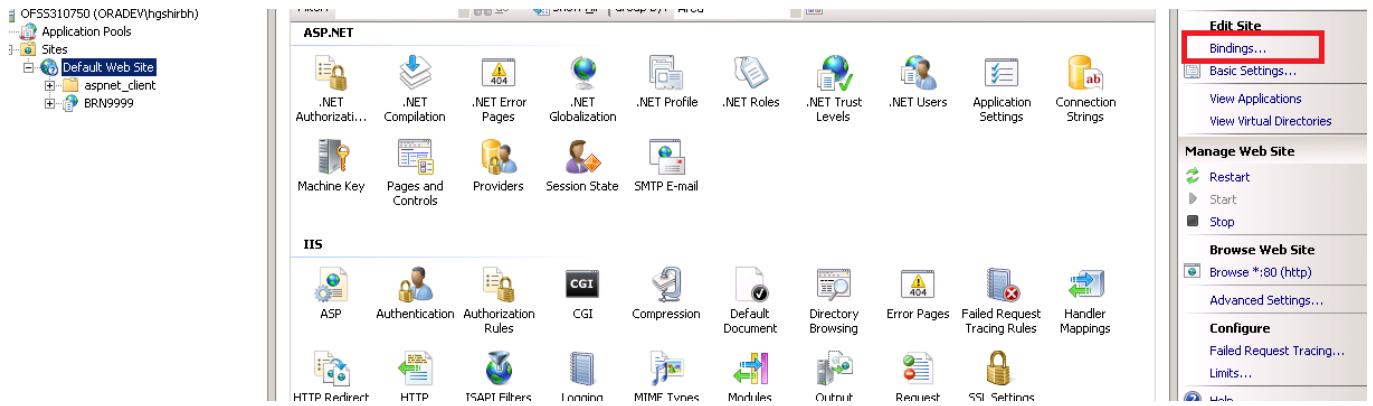


Click on create self-signed certificate on right-up corner and give proper certificate name and click on OK button.

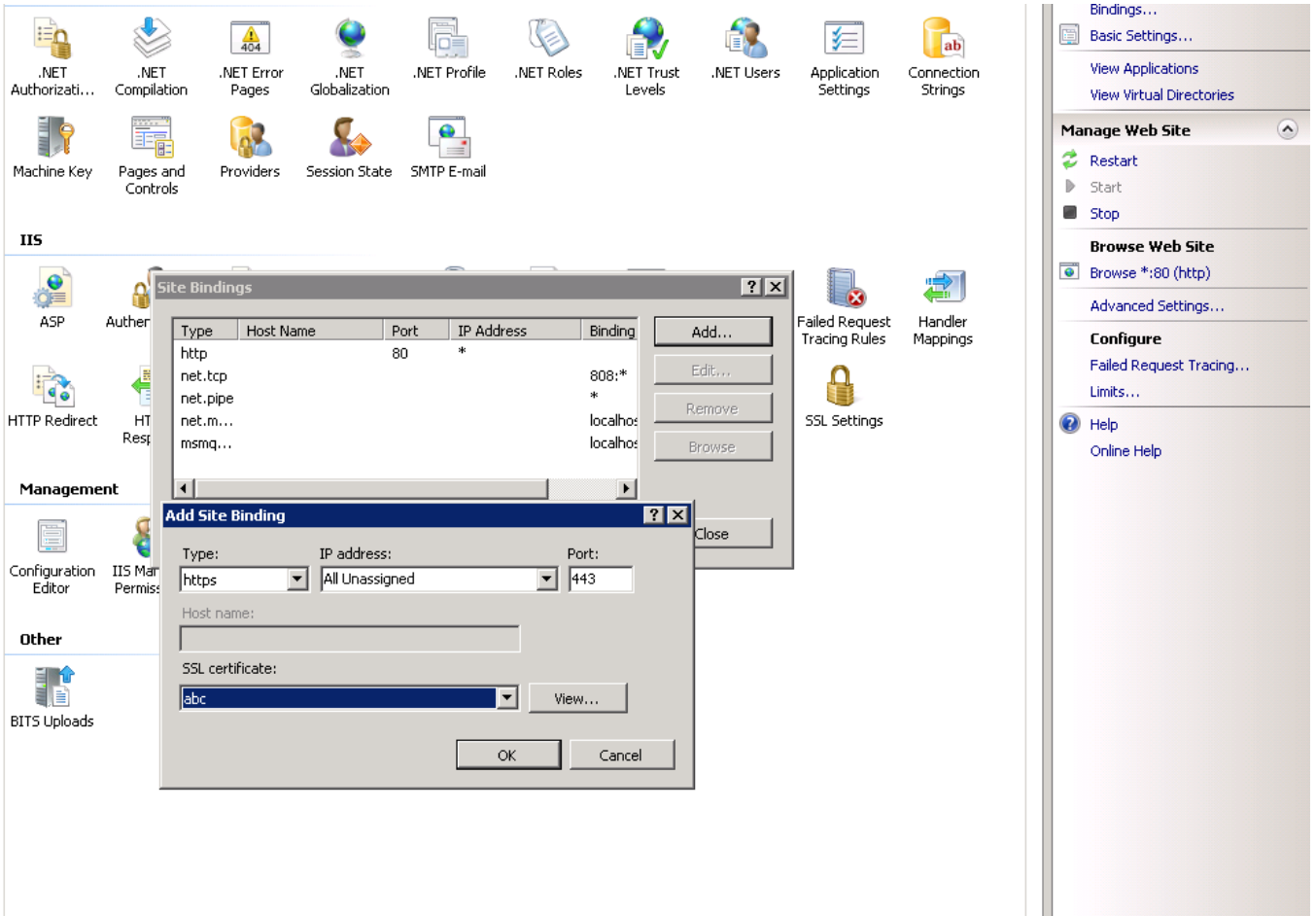


Name	Issued To	Issued By	Expiration Date	Certificate Hash
IIS Express Development Certific...	localhost	localhost	4/15/2018 5:30:00 AM	F6564323794
	localhost\BRN9999	localhost\BRN9999	12/22/2050 12:00:00 AM	A9E05070ED0
	ofss310750.in.oracle.com	oradev-STASW01-CA	9/19/2014 5:48:32 PM	C559C323C7,
certi	ofss310750.in.oracle.com	ofss310750.in.oracle.com	3/20/2015 5:30:00 AM	148970A78B6
abc	ofss310750.in.oracle.com	ofss310750.in.oracle.com	3/24/2015 5:30:00 AM	EC1B230224*
	WMSvc-OFSS310750	WMSvc-OFSS310750	11/20/2023 12:56:28 PM	A4F78FA1CC

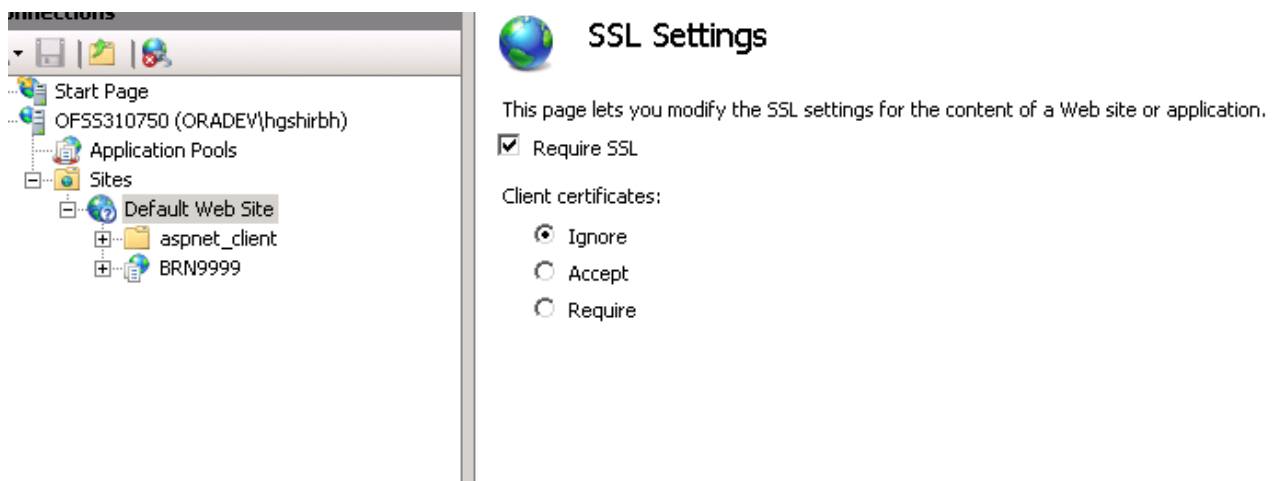
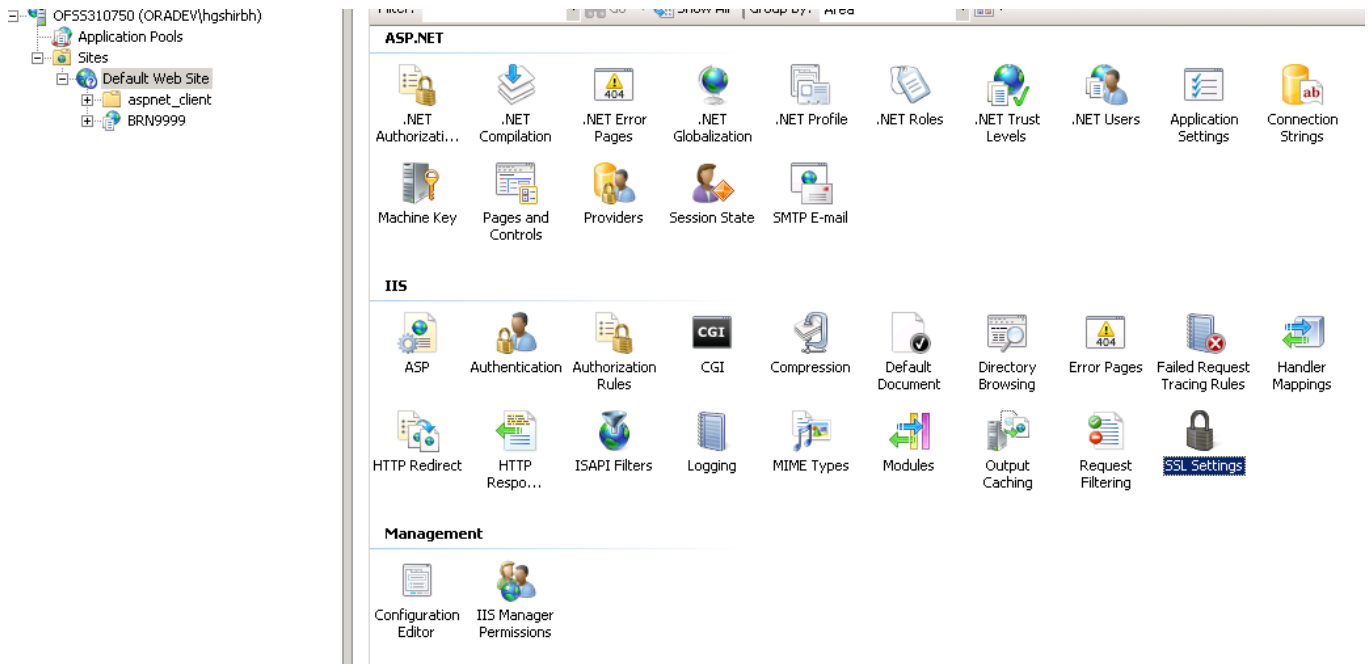
2. Bindings: Click on Default Web site and the click on bindings on right-up corner.



Under site bindings pop up, click on add button then select the appropriate SSL certificate and click on OK button.



3. Select Default Web site the click on SSL Settings...



4. Open a web browser and type following URL in the address bar.

E.g. <https://localhost/BRN9999>

Just a while, you should see the login screen.

b.)Adding additional branches in the registry :

By default, only 1 branch(9999) gets created in the branch registry via the OUI.

Other necessary branches need to be created manually .

The steps to do the same are listed in Section 2 of the the following doc:

[Oracle_FLEXCUBE_Core_Banking_5.2.0.0.0.zip\Relarea_Encrypted\flexcube\install\Docs\Branch\PDF\Oracle FLEXCUBE-CORE 5.2.0.0.0-Installation_Guide_branch\(winServer\).pdf](#)

Launch FLEXCUBE-CORE Branch web page

1. Open a web browser and type following URL in the address bar.

E.g. <http://localhost/BRN9999> or <https://localhost/BRN9999>(if ssl is implemented)

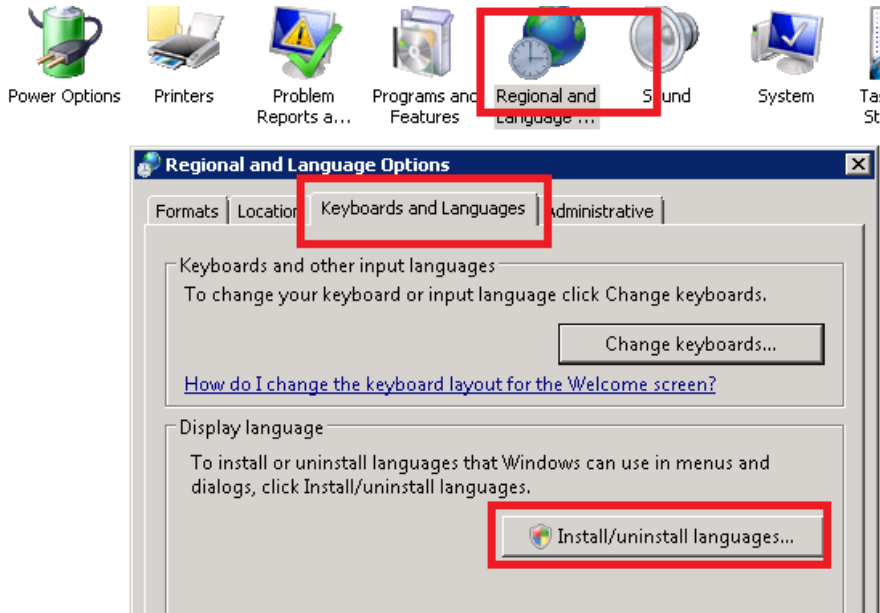
Just a while, you should see the login screen.

Note : On launching the Branch web page , 4 popups appear . Allow the run of all 4 popups (run as administrator) before logging into the branch. This is a one time activity.

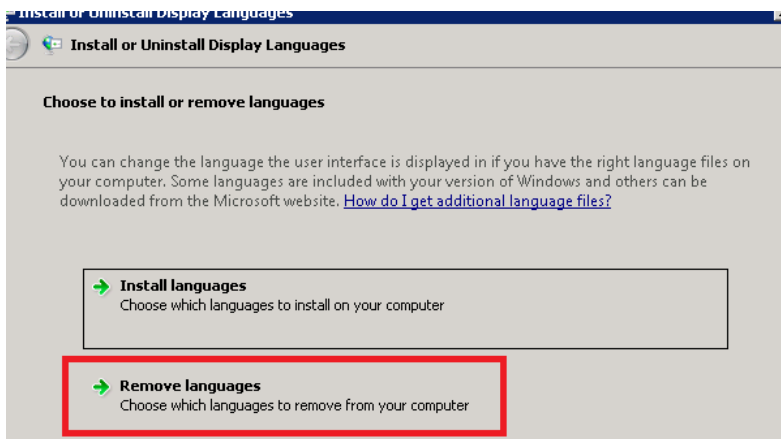
Chinese Localization

Note : These settings would be performed via OUI itself. Please verify all the settings given below .

Install Chinese language package



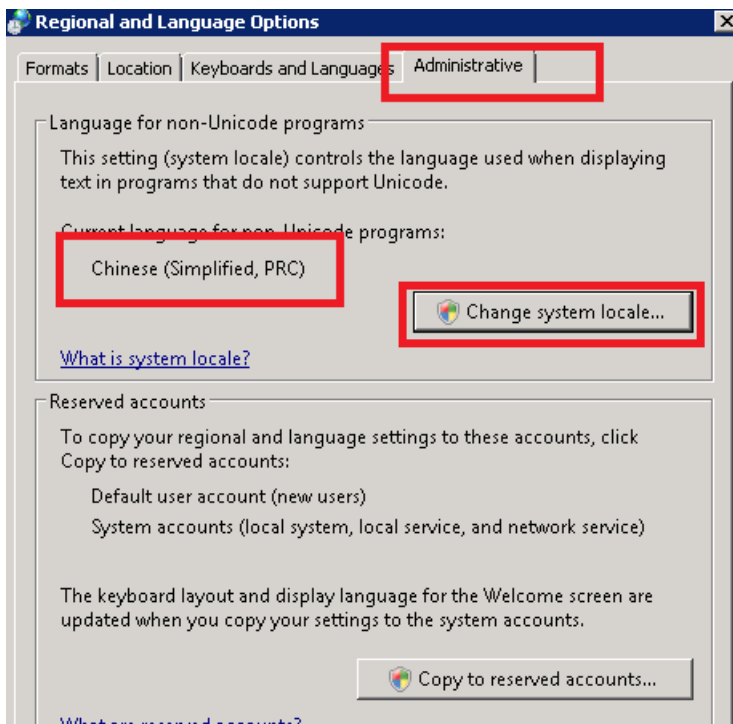
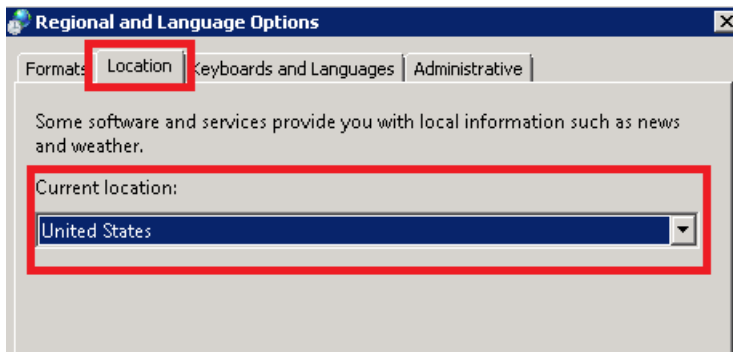
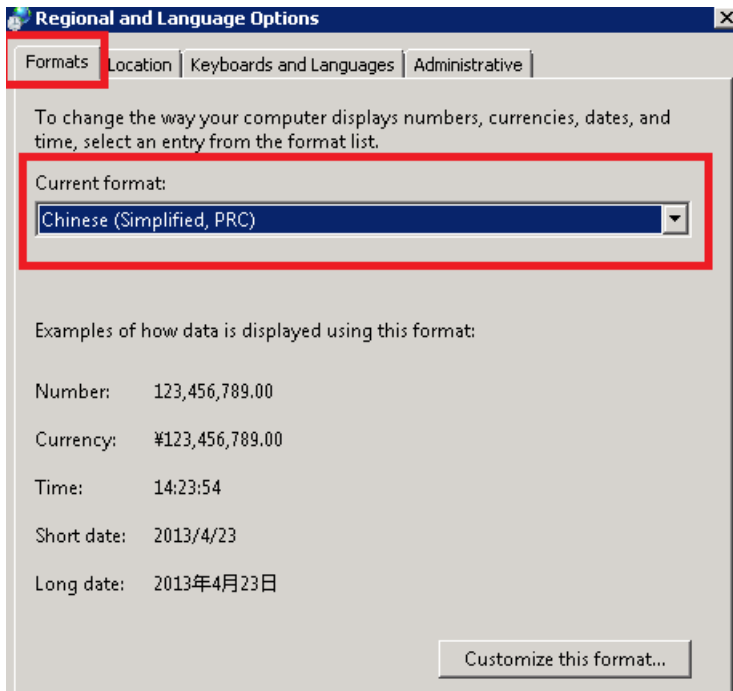
Confirm installation of Chinese language package



Notice: There must existing Chinese and English.



Set Chinese Localization



Set Chinese Localization

Notice: After installation by Branch OUI and select install Chinese localization, you could begin check below regedit info.

a)

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Session Manager\Environment]
"MQCCSID"="1208"
```

```
reg add "HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Session Manager\Environment" /v MQCCSID /t REG_SZ /d 1208 /f
```

b)

```
[HKEY_LOCAL_MACHINE\SOFTWARE\IFLEX\Flexcube\Branch\IE\CHN]
"HTMLSource"="C:\\Flexcube\\branch\\web\\branch\\screens\\xml\\chn\\"
"DOCSource"="C:\\Flexcube\\branch\\web\\branch\\docs\\html\\chn\\"
"NLS_XMLPath"="C:\\Flexcube\\branch\\web\\branch\\utl\\NLS\\"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\IFLEX\Flexcube\Branch\IE\CHN]
```

```
"HTMLSource"="C:\\Flexcube\\branch\\web\\branch\\screens\\xml\\chn\\"
```

```
"DOCSource"="C:\\Flexcube\\branch\\web\\branch\\docs\\html\\chn\\"
```

```
"NLS_XMLPath"="C:\\Flexcube\\branch\\web\\branch\\utl\\NLS\\"
```

c)

```
[HKEY_LOCAL_MACHINE\SOFTWARE\IFLEX\Flexcube\ControlBrn\Resources\TP]
"ENG"="MsgEng.dll"
"JAP"="MsgJap.dll"
"CHN"="MsgChn.dll"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\IFLEX\Flexcube\ControlBrn\Resources\TP]
```

```
"ENG"="MsgEng.dll"
```

```
"JAP"="MsgJap.dll"
```

```
"CHN"="MsgChn.dll"
```

d)

```
[HKEY_LOCAL_MACHINE\SOFTWARE\ORACLE\KEY_OraClient11g_home1]
"ORACLE_HOME"="C:\app\fcvcoadminga\product\11.2.0\client_1"
"ORACLE_HOME_NAME"="OraClient11g_home1"
"ORACLE_GROUP_NAME"="Oracle - OraClient11g_home1"
"ORACLE_BUNDLE_NAME"="Enterprise"
"NLS_LANG"="AMERICAN_AMERICA.ZHS16GBK"
"OLEDB"="C:\app\fcvcoadminga\product\11.2.0\client_1\oledb\msg"
"OO4O"="C:\app\fcvcoadminga\product\11.2.0\client_1\oo4o\msg"
"ORACLE_HOME_KEY"="SOFTWARE\ORACLE\KEY_OraClient11g_home1"
"MSHELP_TOOLS"="C:\app\fcvcoadminga\product\11.2.0\client_1\MSHELP"
"SQLPATH"="C:\app\fcvcoadminga\product\11.2.0\client_1\db"
"NLS_LANG_en"="AMERICAN_AMERICA.WE8MSWIN1252"
"NLS_NUMERIC_CHARACTERS"="., "
"NLS_DATE_FORMAT"="DD-MON-YYYY"
"NLS_SORT"="BINARY"
"NLS_TERRITORY"="AMERICA"
"NLS_DATE_LANGUAGE"="AMERICAN"
```

```
reg add "HKEY_LOCAL_MACHINE\SOFTWARE\ORACLE\KEY_OraClient11g_home1" /v NLS_LANG /t REG_SZ /d AMERICAN_AMERICA.ZHS16GBK /f
reg add "HKEY_LOCAL_MACHINE\SOFTWARE\ORACLE\KEY_OraClient11g_home1" /v NLS_LANG_en /t REG_SZ /d
AMERICAN_AMERICA.WE8MSWIN1252 /f
reg add "HKEY_LOCAL_MACHINE\SOFTWARE\ORACLE\KEY_OraClient11g_home1" /v NLS_NUMERIC_CHARACTERS /t REG_SZ /d ., /f
reg add "HKEY_LOCAL_MACHINE\SOFTWARE\ORACLE\KEY_OraClient11g_home1" /v NLS_DATE_FORMAT /t REG_SZ /d DD-MON-YYYY /f
reg add "HKEY_LOCAL_MACHINE\SOFTWARE\ORACLE\KEY_OraClient11g_home1" /v NLS_SORT /t REG_SZ /d BINARY /f
reg add "HKEY_LOCAL_MACHINE\SOFTWARE\ORACLE\KEY_OraClient11g_home1" /v NLS_TERRITORY /t REG_SZ /d AMERICA /f
reg add "HKEY_LOCAL_MACHINE\SOFTWARE\ORACLE\KEY_OraClient11g_home1" /v NLS_DATE_LANGUAGE /t REG_SZ /d AMERICAN /f
```

FAQ

Decrypt Branch of Regedit

1.) Goto the encrypt folder

C:\Flexcube\install\Cmd\pickadm\Debug

2.) Confirm the password is correct in setDBPass.cmd

Red is host user password, **blue** is branch user password

```
encrypt2 r HIUT502R1N SOFTWARE\IFLEX\Flexcube\Download\DL1\Storage\LO1\interface Password
encrypt2 r HIUT502R1N SOFTWARE\IFLEX\Flexcube\LO1 DbPassword
encrypt2 r BIUT502R1N SOFTWARE\IFLEX\Flexcube\Report\BRN9999 dbpassword
encrypt2 r BIUT502R1N SOFTWARE\IFLEX\Flexcube\Report\BRN9999 CPDbPassword
encrypt2 r BIUT502R1N SOFTWARE\IFLEX\Flexcube\Report\BRN9999 CRDbPassword
encrypt2 r BIUT502R1N SOFTWARE\IFLEX\Flexcube\Download\DL1\Storage\BRN9999\interface Password
encrypt2 r BIUT502R1N SOFTWARE\IFLEX\Flexcube\Download\DL1\Parameters\Db Password
encrypt2 r BIUT502R1N SOFTWARE\IFLEX\Flexcube\BRN9999\Database dbpassword
```

```
encrypt2 r BIUT502R1N SOFTWARE\IFLEX\Flexcube\BRN0\Database dbpassword
```

execute this setDBPass.cmd

3.) If you want to modify other branch password

Please modify setDBPassForSPECIALBranch.cmd.

Red is branch code which you want to modify, **blue** is branch user password

```
encrypt2 r BIUT502R1N SOFTWARE\IFLEX\Flexcube\Report\BRN11 dbpassword
```

```
encrypt2 r BIUT502R1N SOFTWARE\IFLEX\Flexcube\Report\BRN11 CPDbPassword
```

```
encrypt2 r BIUT502R1N SOFTWARE\IFLEX\Flexcube\Report\BRN11 CRDbPassword
```

```
encrypt2 r BIUT502R1N SOFTWARE\IFLEX\Flexcube\Download\DL1\Storage\BRN11\interface Password
```

```
encrypt2 r BIUT502R1N SOFTWARE\IFLEX\Flexcube\BRN11\Database dbpassword
```

execute this setDBPassForSPECIALBranch.cmd