

Oracle® Retail Order Broker (Locate) Installation Instructions

September 2016 | Release 5.2

Revision 2

E79788-02

Copyright © 2016, Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this software or related documentation is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information on content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services, unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

NOTE: The rebranding for the latest version of this document is in development as part of post MICROS acquisition activities. References to former MICROS product names may exist throughout this document.

Special Note for installing on Windows 2008 & 2012 servers

If you are installing Locate on Windows 2008 or 2012 server, when you are requested to run a windows batch file (*.bat*) or a windows executable (*.exe*), be sure to right-click and select '**Run as administrator**' instead of simply double-clicking. An example of this is the *setup.exe* in step 2 of **Install the Locate Application**. Also, in order to edit and save a properties file you will need run the notepad application also using the '**Run as administrator**' option.

If you are licensed and plan to implement Locate Drop Shipping, instructions for installation of the Locate Supplier Direct Fulfillment software including prerequisites can be found in ***New Installation Instructions Supplier Direct Fulfillment v5.2*** on page 22.

If you are licensed and plan to implement Locate Store Connect, instructions for installation can be found with the accompanying installation materials within the Start Here folder titled ***New Installation Instructions Locate Store Connect v5.2*** on page 32. **Note:** The Locate application should be installed prior to installing Store Connect.

Prerequisites for Installing Locate

1. Java JDK 1.7.0_67 must be installed and set on the Locate application server. For assistance in doing this, see the instructions below.
2. All installation steps must be performed by an Administrator of the machine, or someone with Administrator authority. Failure to do so will cause the application to not fully install.

Checklist for Installing Locate

The following table is provided so that you can collect the needed information for the installation of Locate Application version 5.2. Information may be case-sensitive so record case accurately.

Needed information	How to obtain this information	Application Server step used	Value
The installation drive letter where Locate are to be installed.	This is the drive letter where you are going to install TomEE application server and Locate 5.1.	2a	
The name of each Application server that Locate will be installed on.	Obtain this from your application administrator.	2a	
Production or Test Server Installation	Obtain this from your application administrator.	2a	
Clustered (Multiple Server) Installation	Obtain this from your application administrator.	2a	
Primary server to which scheduled jobs will run.	Obtain this from your application administrator.	2a	
The name of the database server that the Locate database will be installed on.	Obtain this from your database administrator.	2b	
The name of the Locate database	Obtain this from your database administrator.	2b	
The database user name and password for the Locate application to use to make a connection to the Locate database	Obtain this from your database administrator.	2b	

Preparing for Locate Application Installation

Installation of Java on the Application Server(s) and setting environment variables.

1. The correct version of the Java JDK is distributed with Locate and can be found in the 64 Bit JDK folder of the Locate install.
2. To install Java Run as Administrator the ***jdk-7u67-windows-x64.exe*** from the Java download and then do the following:
 - a. At the Custom Setup, you should click the change button to change the installation path to ***X:\JDKS\Java\jdk1.7.0_67*** where X: is the drive to which you wish to install Java. After you have made this change click the 'Next' button. Please note that you do not need to install either the Demos or the Source Code if you do not wish.
 - b. At this point the installation of Java should start installing and eventually present the Finish window on which you should click the 'Close' button.
 - i. After the JDK is installed, you may be prompted to install Java Runtime (e.g. ***C:\Program Files\Java\jre7***) click Cancel as runtime is not required for the installation.
3. Now that Java is installed, we must set the ***JAVA_HOME*** environment variable that will tell the application where to find this Java version. To do this do the following:

Windows 2008 Steps:

- a. Locate My Computer (either on the desktop or from Start menu)
- b. Right-click on My Computer and click Properties from the menu.
- c. Click either Advanced System Settings.

Windows 2012 Steps:

- a. Locate Computer from Start screen
- b. Right-click on Computer and click Properties from the menu bar below.
- c. Click Advanced System Settings.

The remaining steps are common for both operating systems.

- a. Click the Environment variables button.
- b. Scroll through the System Variables at the bottom of the screen to make sure that a ***JAVA_HOME*** variable does not already exist. If it does exist do the following, otherwise skip to step 3f:
 - i. If ***JAVA_HOME*** does exist you may need to make sure that it is ok to change this environment variable since it may affect other things on this machine.
 - ii. Once you have verified it is ok to change, select the ***JAVA_HOME*** variable and click the Edit button.
 - iii. Change the value to be ***X: \JDKS\Java\jdk1.7.0_67*** where X: is the drive where you installed Java.
 - iv. Click OK to save this change.
 - v. Skip to step 4 .

- c. If the **JAVA_HOME** environment variable is not in the list of System Variables, then do the following to add this variable and the correct value:
 - vi. Click the 'New' button under the System Variable section.
 - vii. In the New System Variable window enter **JAVA_HOME** for the Variable name, and **X:\JDKS\Java\jdk1.7.0_67** for the Variable value where X: is the drive where you installed Java. Make sure that **JAVA_HOME** is in all capital letters.
 - viii. Click OK to save this change.
- d. At this point the **JAVA_HOME** variable has been set to the correct value. Leave all the remaining windows open at this point since you will be adding more environment variables in the next steps.
4. Next you need to tell Windows where to find this version of Java by setting the **Path** environment variable. To do this do the following:
 - a. On the open Environment Variables window scroll through the System Variables at the bottom of the screen to make sure that a **Path** does not already exist. If it does exist do the following, otherwise skip to step 4b:
 - i. If **Path** does exist you may need to make sure that it is ok to change this environment variable since it may affect other things on this machine.
 - ii. Once you have verified it is ok to change, select the **Path** variable and click the Edit button.
 - iii. Add the value **X:\JDKS\Java\jdk1.7.0_67\bin;** where X: is the drive where you installed Java. You can leave the existing value;
 - iv. Also, check to see if **W:\Windows\System32** is somewhere in the **Path**. W: is the drive where Windows is installed. If it is not, add it to the end of the **Path**.
 - v. Click OK to save this change.
 - vi. Skip to step 4c.
 - b. If the **Path** environment variable is not in the list of System Variables, then do the following to add this variable and the correct value:
 - i. Click the 'New' button under the System Variable section.
 - ii. In the New System Variable window enter **Path** for the Variable Name, and **X:\JDKS\Java\jdk1.7.0_67\bin;**
W:\Windows\System32 for the Variable Value where X: is the drive where you installed Java and W: is the drive where Windows is installed.
 - iii. Click OK to save this change.
 - c. At this point the **Path** variable has been set to the correct value. You can close this window.
5. Make sure this is done on each server where you are going to install Locate. This must be done before the installation can start.

Note: Locate is supported on SQL Server 2008 database. However, the following screen images are of SQL Server 2012. As a result, the screen images used by 2008 could be slightly different. If you have any questions contact your Oracle support representative.

Preparing for Installation of Locate Database

1. Log into the database server where the Locate database will be installed.
2. Open the SQL Server Management Studio by selecting:
 - Start > All Programs > Microsoft SQL Server 2012 > SQL Server Management Studio. You should see the following display:

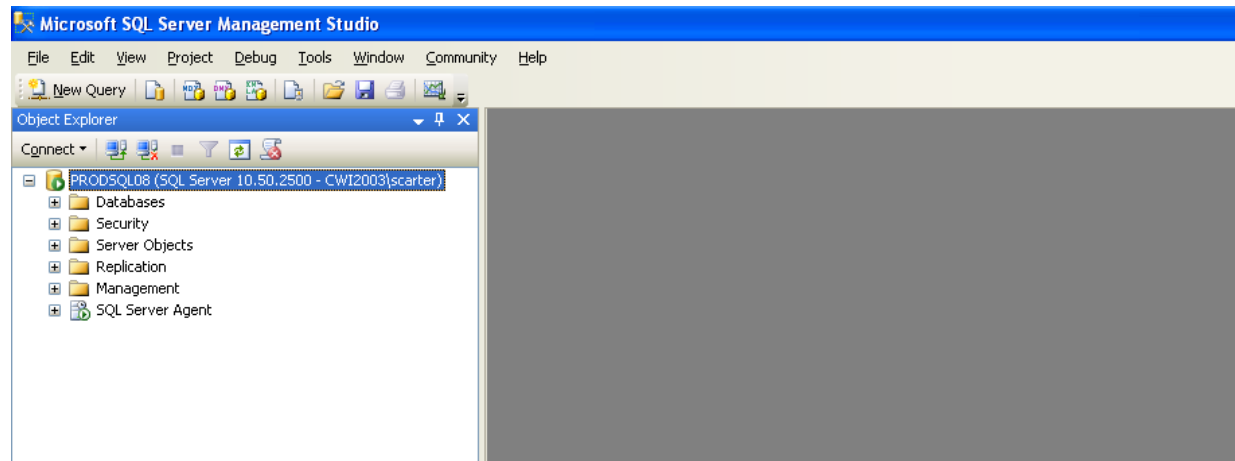


3. Fill in the Server Name if it is not filled in with the name of the Database Server.
4. Change the “Authentication” from “Windows Authentication” to “SQL Server Authentication”. This should open up the “Login” and “Password” entry fields.

Note: If “SQL Server Authentication” is not available as an option, stop the installation now and inform the system administrator that SQL Server authentication must be configured to be **“SQL Server and Windows Authentication mode”** in order to install Locate.

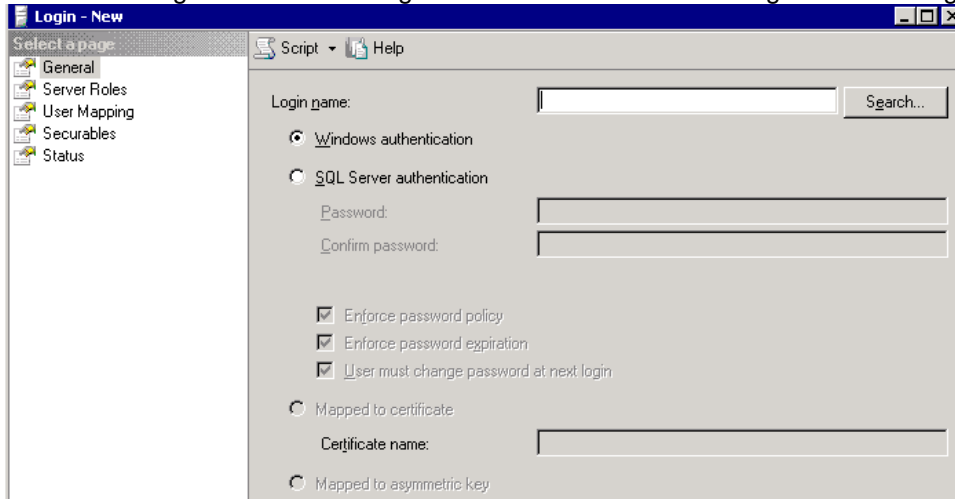
5. Enter “sa” in the “User Name” field and the associated password in the “Password” field. Ensure “Remember Password” is not checked for security concerns. Click “Connect.”

6. The main window of the “Management Studio” will appear. Based on the individual settings, it may look different, but will look something like this:



7. The first thing you must do is create a User Profile for the Locate application. The next steps will step you through this process.

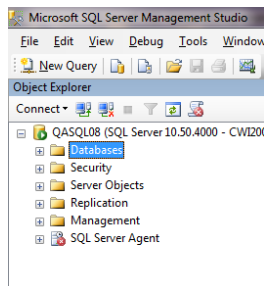
8. In the “Object Explorer” pane on the left hand side of the window, expand the “Security” folder.
 - Right-click on the “Logins” folder and select “New Login...” The “Login – New” window will appear, as shown below:



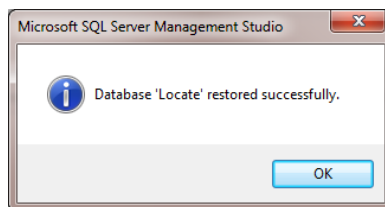
9. Fill in the Login name with your desired login name.
10. Click “SQL Server authentication”. This will open up the protected fields, allowing you to specify the following information:
 - Password: *Your password for the login.*
 - Confirm password: *same as above.*
 - Enforce password policy: **unchecked**
 - Enforce password expiration: **unchecked**
 - User must change password on next login: **unchecked**
11. Select the “Server Roles” page by clicking on the Server Roles under the Select a page label on the left part of the window.
12. On the Server Roles page, check the box next to sysadmin. Also make sure the box next to public is checked.
13. Click OK to add the user.
14. On the Management Studio, right-click the “Logins” folder and select “Refresh.” You should now see the Login name that you created listed.

Installing the “Locate” and “Locate_Admin” Databases

1. Copy the **Database** folder to the server where you want to install the Locate and Locate_Admin databases.
2. In the **Database** folder of the Install image that you just copied, you will find two files named “locate.bak” and Locate_Admin.bak. As part of Locate 5.2 installation both databases must be restored. As a result, **steps 3-10 reference Locate.bak database, and should be repeated to restore the Locate_Admin database.**
3. Back in the main window of the “Management Studio” In SQL Server Management Studio
4. On the Object Explorer right click on Databases, and select “**Restore Database...**”.



5. A new Restore Database Window will appear. Under the Source section select the “**Device:**” option.
6. Select the button with the three dots at the far right. SQL will display the specify backup devices window. If the Backup media section contains values click remove.
7. Once the Backup media section is cleared click Add. Navigate to where you copied the Database folder containing the “locate.bak” file. Select the file “**locate.bak**”, and click “OK”. You will be presented with the Specify Backup window and this time it will contain the path of the backup file for restoring. Click “OK”.
8. Verify under the destination section the Database: is called “**Locate**”. If it isn’t change it to be “**Locate**”.
9. Click OK.
10. You should receive a message that the database restored successfully. If not call Oracle support for assistance.



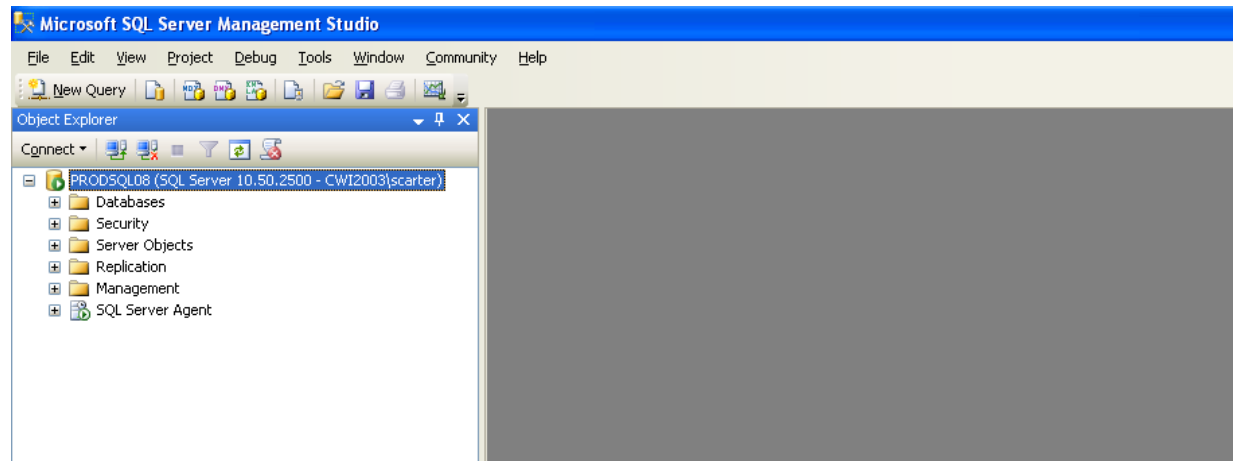
Associate User to Locate Database

1. Log into the database server where the Locate database was installed.
2. Open the SQL Server Management Studio by selecting:
 - Start > All Programs > Microsoft SQL Server 2008 > SQL Server Management Studio. You should see the following display:

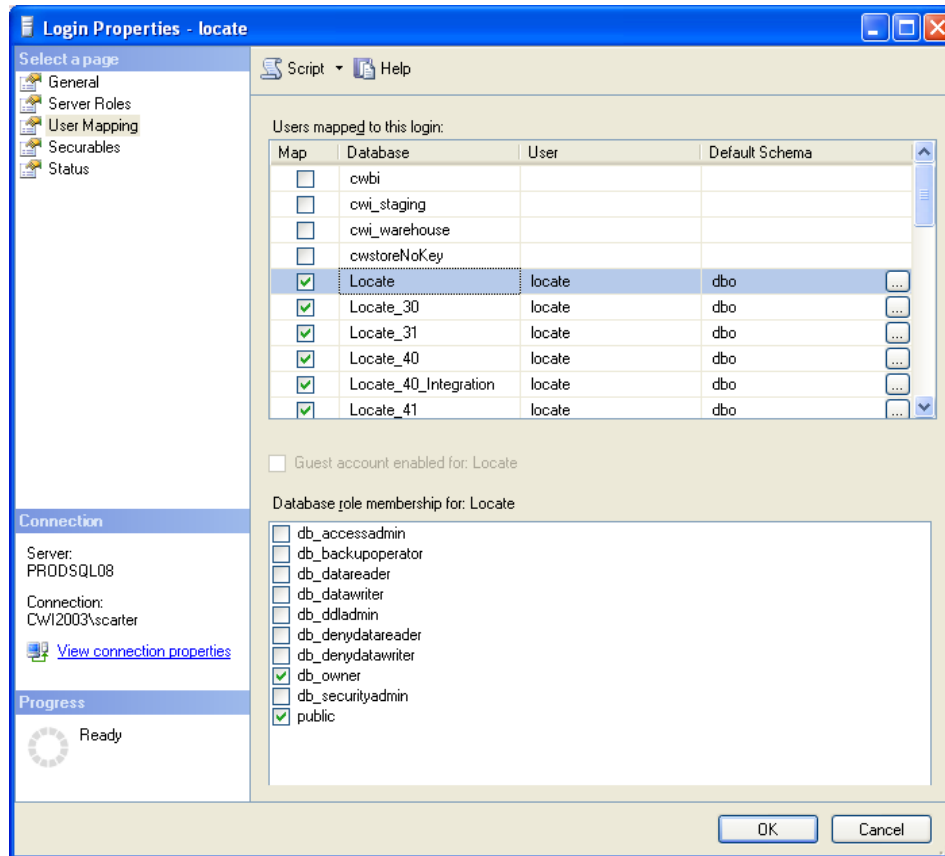


3. Fill in the Server Name if it is not filled in with the name of the Database Server.
4. Enter "sa" in the "User Name" field and the associated password in the "Password" field. Ensure "Remember Password" is not checked for security concerns. Click "Connect."

5. The main window of the “Management Studio” will appear. Based on the individual settings, it may look different, but will look something like this:



6. In the “Object Explorer” pane on the left hand side of the window, expand the “Security” folder.
- Right-click on the “Logins” folder and select the login created in step 9 under “Preparing for Installation of Locate Database “.
 - Right click on the login and select properties. The Login Properties window will appear:

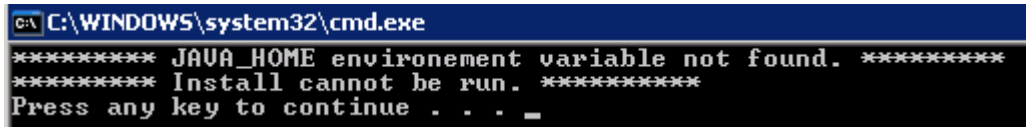


7. Select User Mapping, a chart of eligible databases will appear.
 - Select the **Locate** database
 - Under Database Role Membership select db_owner and select OK
 - Select the **Locate_Admin** database
 - Under Database Role Membership select db_owner and select OK

Installing the Locate Application

1. Within the **Applications** folder copy the **Locate Application** folder to the application server where you want to install Locate. If your site has multiple application servers, please copy this folder to each application server.
2. Inside the **Locate** folder is the **setup.exe**. Right click and select Run as Administrator to start the installation of the application.

If the installation window does not appear, but the command window shows the error in the screen shot below, then the installation cannot be run because you did not create the JAVA_HOME environment variable for this server. This must be done before the upgrade can start. Please see the **Installation of Java on the Application Server and setting environment variables** section of this document for assistance with setting JAVA_HOME.

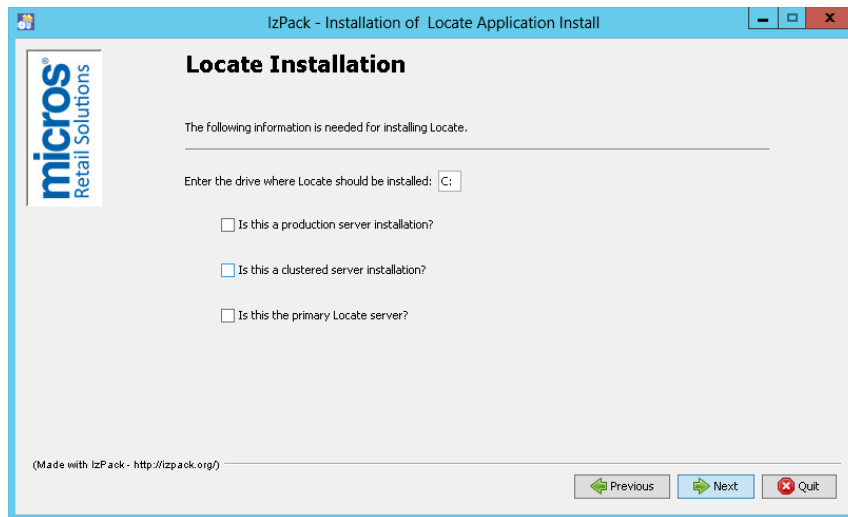


```
C:\WINDOWS\system32\cmd.exe
***** JAVA_HOME environment variable not found. *****
***** Install cannot be run. *****
Press any key to continue . . . _
```

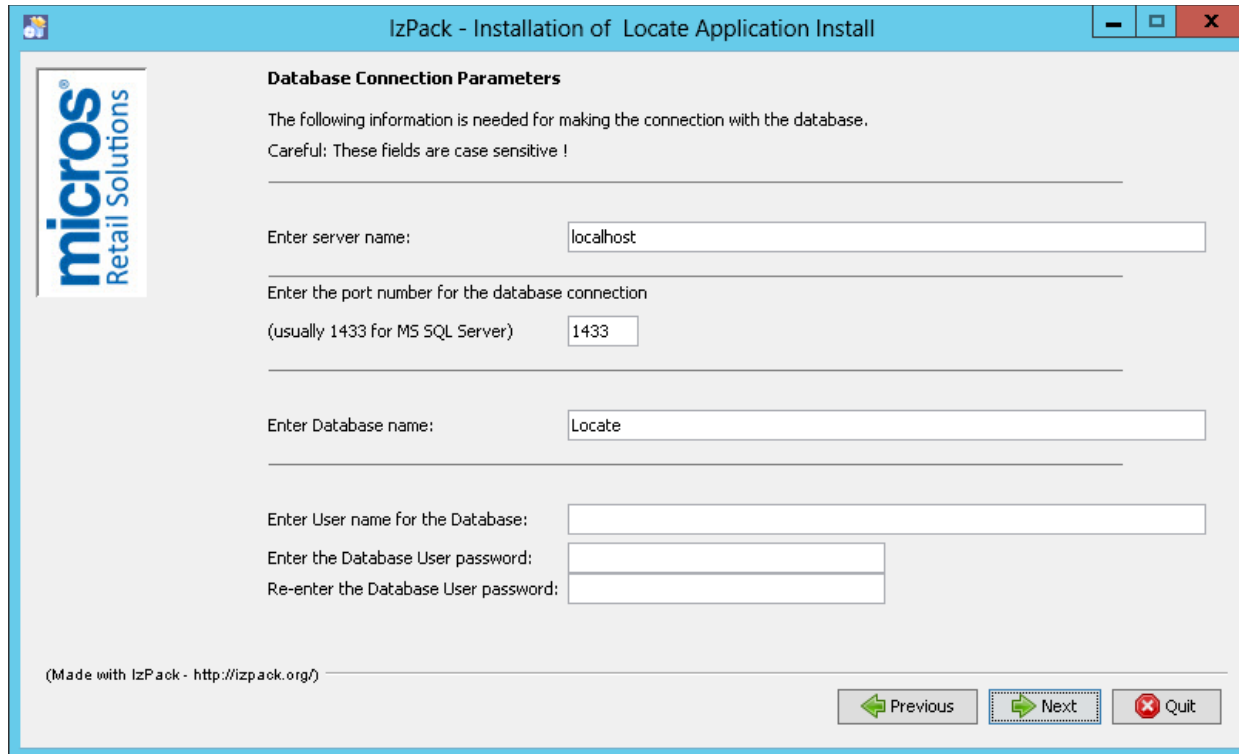
If for some reason the installation window does not appear, and the command window shows any other error than those listed above, please contact Micros support.

Once the installation window appears follow the prompts and instructions in the installation and return to this document when the application installation is complete. Listed below are some of the prompts in the installation that may need clarification:

- a. The installation will prompt for the name of the application server and drive where you wish to install the Locate application installed.
 - i. The drive where locate will be installed is defaulted to the “C” drive, but if you wish to install Locate on a different drive please change it. **Please make sure to include the colon (:) after the drive letter(for example D:).** The installation drive is required.
 - ii. Is this a production server installation? Check the checkbox when Locate is installed in a production environment.
 - If the installation is for Test leave unchecked.
 - iii. Is this a clustered server installation? Check the checkbox if the environment has multiple applications servers. For example if this is a production environment and there are multiple Locate servers you would want to check the checkbox. If there is only a single server for the respective environment, leave the checkbox unchecked.
 - iv. Is this the primary Locate server?
 - If there is only one Locate server in the respective environment be sure to check the checkbox.
 - If there are multiple servers be sure to check the checkbox for one server in the environment, as this server will be the designated server to run scheduled processes.



- b. The installation will prompt you for the name of the database server and connection information. This defaults to **localhost** so please make sure to change this to the name of the database server where you installed the Locate database. The installation also prompts you for the name of the Locate database. This defaults to Locate which should be correct unless you renamed the Locate database. The install also prompts for a user name and password to be used by the Locate application to connect to the Locate database. All information is required.



3. Stop the service if it is running.
4. As administrator, run the LocateMPCservice.bat file in the Locate/bin folder as follows: LocateMPCservice remove
5. Use a text editor to edit the LocateMPCservice.bat file, inserting the highlighted section:
--JvmOptions "-Dcatalina.home=%CATALINA_HOME%;-Dcatalina.base=%CATALINA_BASE%;-
Djava.endorsed.dirs=%CATALINA_HOME%\endorsed;-Djava.io.tmpdir=%CATALINA_BASE%\temp;-
Djava.util.logging.manager=org.apache.juli.ClassLoaderLogManager;-
Djava.util.logging.config.file=%CATALINA_BASE%\conf\logging.properties;-Dhttps.protocols=TLSv1.1,TLSv1.2" ^
6. As administrator, run the edited LocateMPCservice.bat file as follows: LocateMPCservice install
7. At this point Locate is installed and set up on this server. It is recommended that you reboot the application server before continuing to make sure that all of these changes take effect. If you have additional application servers where you plan on installing Locate, please repeat the **Install the Locate Application** for each of these machines including the steps in the prerequisites of this document.

Additional setup in a multiple server environment

It is common for Locate will be set up in a multiple server environment so the instructions below describe how to set up your application servers in a multiple server environment.

1. The first step is to determine which application server you wish to be the primary application server.
2. Before logging off the primary application server, make note of the name of this machine, or the IP address of this machine since this will be necessary to point the other applications server to it.
3. Configure reports on the non primary servers set the following values in the X:\Locate\server\conf\props\locate-config.properties. In this instance you need to exchange the non primary server with the primary server name.
 - a. locate.schedule.server.wsdl.location=http:// **NonPrimaryServer**:8080/Locate/DiscoveryServices?WSDL change the value to locate.schedule.server.wsdl.location=http:// **PrimaryServer**:8080/Locate/DiscoveryServices?WSDL
4. Since each of your non-primary servers needs to access a file on another server, a user will need to be set up to run the Locate Service that has authority to access these remote files. See **Setting up a user to run the Locate Service** below to see how to set up this user. After this user is set up, make sure to assign it to run the Locate service.
5. In order for these changes to take effect, the Locate Service will need to be stopped and restarted.
6. If you have more than one non-primary application server, repeats steps 3&4 on each of these servers.

Test the Locate Application

1. Once the Locate application has been installed you can give it a quick test by doing the following:
 - a. Open a browser and point it to the Locate application. The URL for the Locate application is <http://server:8080/LocateUI/> where server is the name of the application server where you installed Locate.
 - b. Log into the Locate application using the following:
 - i. User: Admin
 - ii. Password: Admin (case sensitive)
 - c. At this point you should be logged in. On the first log in it may take the initial screen a couple minutes to completely load, so please pause and allow it to completely load before starting to maneuver around from screen to screen. This only is necessary after the Locate service is restarted and not on every login.
 - d. To check the application level and database level do the following:
 - i. Click on the Systems menu option on the top screen.
 - ii. Click on the About Locate option on the drop down menu.
 - iii. On the About window, make sure the setting below match what is on this window:
 - Version = **5.2**
 - Server Level = **5.2.020-14.10.01-1910**
 - Database Level = **5.2.020**
2. If you have additional application servers where you have installed Locate, please repeat the **Testing the Locate Application** for each of these machines.

Note about installation on test servers:

If this installation is used for a test server, it is important to make sure that the multicastGroupAddress is changed in the ehcache.xml file located on each test application server. This file is located at X:\Locate\server\Locate\conf\ where X: is the drive where you installed the Locate Application. If this setting is not changed, it will be sharing a data cache with your production environment which will potentially cause problems. Please see the Locate Configuration and Operations Guide for more information on this file.

Notes about client browser configuration

1. Pop-up blockers must be set to allow pop-up windows since the Locate.html URL will launch a new window.
2. Javascript must be enabled in the browser. This can typically be handled by making sure the URL is in the "Intranet" zone.
3. If launching a second window, you MUST launch a new instance of Internet Explorer.

Setting up a user to run the Locate Service

By default the Locate Service runs under the Local System account which works fine as long as you don't need the application to write to other servers as would be needed if you are in a multiple application server environment or if you want to use encryption. It is recommended that you used a domain user for ease of set up, but if necessary the same local user on each machine may be used. The following instructions should be used as a guide to help you set up a local user which will allow Locate to access other application servers:

1. Create a local user on each Locate application server and assign them to the Administrators group. Make sure that the user is the same on each Locate application server.
2. Set the Locate Service to run as the newly created user account.

If a domain user is used, this user must have Administrator authority on all the Locate machines.

Troubleshooting

One of the most common errors that occur during the installation process is the misspelling of the database server name. This manifests itself by allowing the user to access the Locate application sign-on screen but the application always responds with an "Invalid User/Password". The following steps will show you how to correct the name of the database server on the Locate application servers:

1. Log onto the Locate application server that seems to have this problem.
2. Get any users off this machine and then stop the Locate service if it is running.
3. Open the file X:\jboss51\server\Locate\deploy\locate-ds.xml, where X: is the drive where you installed the Locate Application. You should be able to open this file with any text editor.
4. In this file the database server name is listed. Replace the name with the correct name of the database server that contains the Locate database. Make sure you are careful with the case of the server name since it is case sensitive. Save this file after you are done.
5. Restart the Locate service on this machine and try to sign-on again.
6. Remember that if you have multiple application servers you may need to correct this on each server

New Installation Instructions Supplier Direct Fulfillment v5.2

Special Note for installing on Windows 2008 & 2012 servers

If you are installing on Windows 2008 or 2012 server, when you are requested to run a windows batch file (**.bat**) or a windows executable (**.exe**), be sure to right-click and select '**Run as administrator**' instead of simply double-clicking. An example of this is the **setup.exe** in step 2 of **Install the Locate Supplier Direct Fulfillment Application**. Also, in order to edit and save a properties file you will need run the notepad application also using the '**Run as administrator**' option.

Prior to installing Locate Supplier Direct Fulfillment, you must have installed Locate Distributed Order Broker.

Note: The Locate application should be installed prior to installing Supplier Direct Fulfillment. If the Locate application has not been installed, do not proceed with the installation of Locate Supplier Direct Fulfillment.

Prerequisites for Installing Supplier Direct Fulfillment

1. Java JDK 1.7.0_67 must be installed and set on the Locate application server. For assistance in doing this, see the instructions below.
2. All installation steps must be performed by an Administrator of the machine, or someone with Administrator authority. Failure to do so will cause the application to not fully install.

Checklist for Installing Locate

The following table is provided so that you can collect the needed information for the installation of Locate Application version 5.1. Information may be case-sensitive so record case accurately.

Needed information	How to obtain this information	Application Server step used	Value
The Drive where LocateWeb is to be installed. This is needed for each application server.	Obtain this from your application administrator.	1a	
The Drive where Locate Supplier Direct Fulfillment is to be installed. This is needed for each application server. Note: This should be the same drive as Locate Web (step 1a)	Obtain this from your application administrator.	2b	
The name of the Locate application server where Locate Distributed Order Broker was installed.	Obtain this from your application administrator.	2b	
The Port # that Locate Distributed Order Broker uses.	Obtain this from your application administrator.	2b	

Preparing for Locate Supplier Direct Fulfillment Application Installation

Installation of Java on the Application Server(s) and setting environment variables Windows 2008.

6. The correct version of the Java JDK is distributed with Locate and can be found in the 64 Bit JDK folder of the Locate install.
7. To install Java double-click the ***jdk-7u67-windows-x64.exe*** from the Java download and then do the following:
 - a. At the Custom Setup, you should click the change button to change the installation path to ***X:\JDKS\Java\jdk1.7.0_67*** where X: is the drive to which you wish to install Java. After you have made this change click the 'Next' button. Please note that you do not need to install either the Demos or the Source Code if you do not wish.
 - b. At this point the installation of Java should start installing and eventually present the Finish window on which you should click the 'Close' button.
 - i. After the JDK is installed, you may be prompted to install Java Runtime (e.g. ***C:\Program Files\Java\jre7***) click Cancel on this screen prompt as runtime is not required for the installation.
8. Now that Java is installed, we must set the ***JAVA_HOME*** environment variable that will tell the application where to find this Java version. To do this do the following:

Windows 2008 Steps:

- a. Locate My Computer (either on the desktop or from Start menu)
- b. Right-click on My Computer and click Properties from the menu.
- c. Click either Advanced System Settings.

Windows 2012 Steps:

- d. Locate Computer from Start screen
- e. Right-click on Computer and click Properties from the menu bar below.
- f. Click Advanced System Settings.

The remaining steps are common for both operating systems.

- g. Click the Environment variables button.
- h. Scroll through the System Variables at the bottom of the screen to make sure that a ***JAVA_HOME*** variable does not already exist. If it does exist do the following, otherwise skip to step 3f:
 - i. If ***JAVA_HOME*** does exist you may need to make sure that it is ok to change this environment variable since it may affect other things on this machine.
 - ii. Once you have verified it is ok to change, select the ***JAVA_HOME*** variable and click the Edit button.
 - iii. Change the value to be ***X: \JDKS\Java\jdk1.7.0_67*** where X: is the drive where you installed Java.
 - iv. Click OK to save this change.
 - v. Skip to step 3g.
- i. If the ***JAVA_HOME*** environment variable is not in the list of System Variables, then do the following to add this variable and the correct value:
 - vi. Click the 'New' button under the System Variable section.

- vii. In the New System Variable window enter **JAVA_HOME** for the Variable name, and **X:\JDKS\Java\jdk1.7.0_67** for the Variable value where X: is the drive where you installed Java. Please make sure that **JAVA_HOME** is in all capital letters.
 - viii. Click OK to save this change.
 - j. At this point the **JAVA_HOME** variable has been set to the correct value. Leave all the remaining windows open at this point since you will be adding more environment variables in the next steps.
 - 9. Next you need to tell Windows where to find this version of Java by setting the **Path** environment variable. To do this do the following:
 - a. On the open Environment Variables window scroll through the System Variables at the bottom of the screen to make sure that a **Path** does not already exist. If it does exist do the following, otherwise skip to step 4b:
 - i. If **Path** does exist you may need to make sure that it is ok to change this environment variable since it may affect other things on this machine.
 - ii. Once you have verified it is ok to change, select the **Path** variable and click the Edit button.
 - iii. Add the value **X:\JDKS\Java\jdk1.7.0_55\bin;** where X: is the drive where you installed Java. You can leave the existing value; just make sure to insert this before any other value.
 - iv. Also, check to see if **W:\Windows\System32** is somewhere in the **Path**. W: is the drive where Windows is installed. If it is not, add it to the end of the **Path**.
 - v. Click OK to save this change.
 - vi. Skip to step 4c.
 - b. If the **Path** environment variable is not in the list of System Variables, then do the following to add this variable and the correct value:
 - i. Click the 'New' button under the System Variable section.
 - ii. In the New System Variable window enter **Path** for the Variable Name, and **X:\JDKS\Java\jdk1.7.0_67\bin;**
W:\Windows\System32 for the Variable Value where X: is the drive where you installed Java and W: is the drive where Windows is installed.
 - iii. Click OK to save this change.
 - c. At this point the **Path** variable has been set to the correct value. You can close this window.
 - 10. Make sure this is done on each server where you are going to install Locate. This must be done before the installation can start.

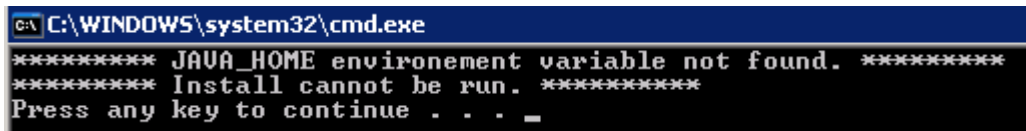
Install the Locate Web Server

Note: LocateWeb is the application server used by Supplier Direct Fulfillment for rendering the user interface. If the folder **LocateWeb** already exists on the server, proceed to the step, **Install the Locate Supplier Direct Fulfillment Application. Do Not reinstall the LocateWeb application.** Only if the LocateWeb folder does not exist on the server should you proceed with the installation directly below.

To determine if LocateWeb is installed, navigate to **X: \LocateWeb.** Where X: is each drive on the application server and is typically C: and D:.

1. Copy the **LocateWeb** folder to the application server where you want to install the application server used by the application. If your site has multiple application servers, please copy this folder to each application server. Inside the folder is the **setup.exe** file. Double-click this file to start the installation of the application.

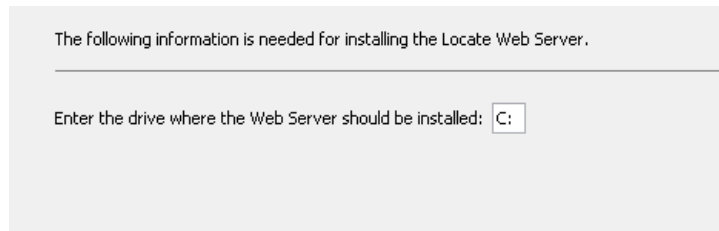
If the installation window does not appear, but the command window shows the error in the screen shot below, then the installation cannot be run because you did not create the JAVA_HOME environment variable for this server. This must be done before the upgrade can start. Please see the **Installation of Java on the Application Server and setting environment variables** section of this document for assistance with setting JAVA_HOME.



```
C:\WINDOWS\system32\cmd.exe
***** JAVA_HOME environment variable not found. *****
***** Install cannot be run. *****
Press any key to continue . . . _
```

Once the installation window appears follow the prompts and instructions in the installation and return to this document when the application installation is complete. Listed below is the prompt in the installation that may need clarification:

- c. The installation will prompt for the drive where the LocateWeb application server was installed is defaulted to the “C” drive, but if LocateWeb was installed on a different drive please change it. **Please make sure to include the colon (:) after the drive letter(for example D:).** The installation drive is required.



Install the Locate Supplier Direct Fulfillment Application

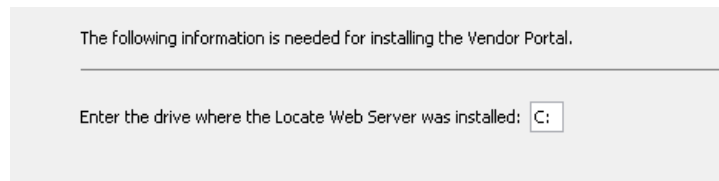
1. Within the **Application** folder copy the **Supplier Direct Fulfillment Application** folder to the application server where you want to install the application. If your site has multiple application servers, please copy this folder to each application server.
2. Inside the Application Server folder is the **setup.exe** file. Click **Run as Administrator** to start the installation of the application.

If the installation window does not appear, but the command window shows the error in the screen shot below, then the installation cannot be run because you did not create the JAVA_HOME environment variable for this server. This must be done before the upgrade can start. Please see the **Installation of Java on the Application Server and setting environment variables** section of this document for assistance with setting JAVA_HOME.

```
C:\WINDOWS\system32\cmd.exe
***** JAVA_HOME environment variable not found. *****
***** Install cannot be run. *****
Press any key to continue . . .
```

Once the installation window appears follow the prompts and instructions in the installation and return to this document when the application installation is complete. Listed below are some of the prompts in the installation that may need clarification:

- a. The installation will prompt for the drive where you wish to install the Supplier Direct Fulfillment application installed.
 - i. The drive where locatweb was installed is defaulted to the "C" drive, but if LocateWeb was installed on a different drive please change it. **Please make sure to include the colon (:)after the drive letter(for example D:).** The installation drive is required.



The following information is needed for installing the Vendor Portal.

Enter the drive where the Locate Web Server was installed:

- b. The installation will prompt you for the name of the Locate application server and port. This defaults to **LocateServerName** so please make sure to change this to the name of the Locate application server where you installed Locate. The installation also prompts you for the port Locate uses. This defaults to 8080 which should be correct unless you changed it to a different value. . All information is required and is case sensitive.

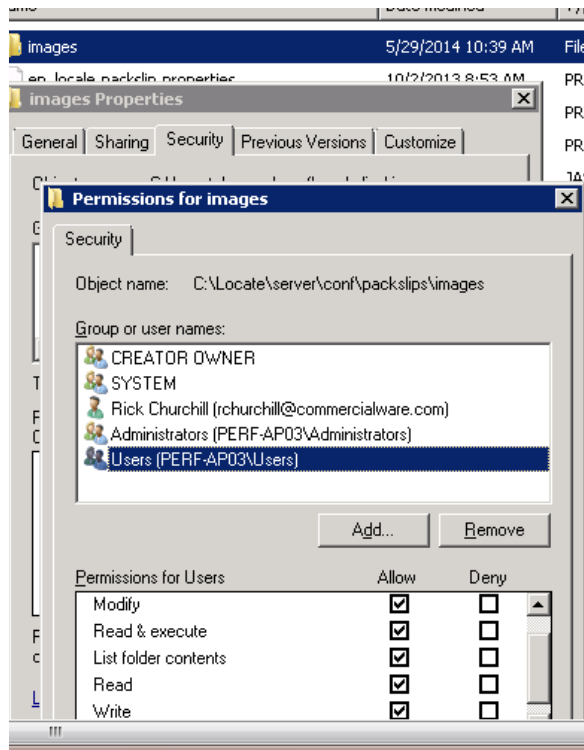
8. Stop the service if it is running.
9. As administrator, run the Tomcatservice.bat file in the LocateWeb/bin folder as follows: Tomcatservice remove
10. Use a text editor to edit the Tomcatservice.bat file, inserting the highlighted section:

```
--JvmOptions "-Dcatalina.home=%CATALINA_HOME%;-Dcatalina.base=%CATALINA_BASE%;-Djava.endorsed.dirs=%CATALINA_HOME%\endorsed;-Djava.io.tmpdir=%CATALINA_BASE%\temp;-Djava.util.logging.manager=org.apache.juli.ClassLoaderLogManager;-Djava.util.logging.config.file=%CATALINA_BASE%\conf\logging.properties;-Dhttps.protocols=TLSv1.1,TLSv1.2" ^
```
11. As administrator, run the edited LocateMPCservice.bat file as follows: Tomcatservice install
12. At this point Supplier Direct Fulfillment is installed and set up on this server. It is recommended that you reboot the application server before continuing to make sure that all of these changes take effect. If you have additional application servers where you plan on installing, please repeat the **Install the Locate Supplier Direct Fulfillment Application** for each of these machines including the steps in the prerequisites of this document.
13. Now you can start the application on the application server. To do this perform the following:
 - a. Open Administrative Tools on the Locate application server.
 - b. Open Services
 - c. Identify the **Locate Web Server** service and right-click it, selecting Start.

Security

Locate Supplier Direct Fulfillment allows the retailer to upload images used for printing on the pick and packing documents. In order to allow for the importing of images, Windows requires the security level of a folder on the application server to have write privileges.

1. On each server where LocateWeb was installed, navigate to the folder **X:\LocateWeb\webapps** where X is the drive the application was installed Locate. Right-click on the **Root** folder and select the Security Tab and Edit. Your screen may look something like the image below.



2. On the **Users** Group, grant Modify and Write authority levels.
3. Click Okay.

Testing the Supplier Direct Fulfillment Application

3. Once Locate and the Supplier Direct Fulfillment applications are installed you can give it a quick test by doing the following:
 - a. Open a browser and point it to the Locate application. The URL for the Locate application is <http://LocateServerName/LocateVPA/LocateVPA.html> where server is the name of the application server where you installed Supplier Direct Fulfillment.
 - b. Prior to launching create a vendor and vendor user in Locate and assign appropriate roles. Log into the Locate application using the user name and password that was create in this step.
 - c. At this point you should be logged in. On the first log in it may take the initial screen a couple minutes to completely load, so please pause and allow it to completely load before starting to maneuver around from screen to screen. This only is necessary after the Locate service is restarted and not on every login.
4. If you have additional application servers where you have installed Supplier Direct Fulfillment please repeat the **Testing the Supplier Direct Fulfillment Application** for each of these machines.

Notes about client browser configuration

4. Pop-up blockers must be set to allow pop-up windows since the Locate.html URL will launch a new window.
5. Javascript must be enabled in the browser. This can typically be handled by making sure the URL is in the "Intranet" zone.
6. If launching a second window, you MUST launch a new instance of Internet Explorer.

New Installation Instructions Locate Store Connect v5.2

Special Note for installing on Windows 2008 & 2012 servers

If you are installing on Windows 2008 or 2012 server, when you are requested to run a windows batch file (**.bat**) or a windows executable (**.exe**), be sure to right-click and select '**Run as administrator**' instead of simply double-clicking. An example of this is the **setup.exe** in step 2 of **Install the Locate Store Connect Application**. Also, in order to edit and save a properties file you will need run the notepad application also using the '**Run as administrator**' option.

Prior to installing Locate Store Connect, you must have installed Locate Distributed Order Broker.

Note: The Locate application should be installed prior to installing Store Connect. If the Locate application has not been installed, do not proceed with the installation of Locate Store Connect.

Prerequisites for Installing Store Connect

3. Java JDK 1.7.0_67 must be installed and set on the Locate application server. For assistance in doing this, see the instructions below.
4. All installation steps must be performed by an Administrator of the machine, or someone with Administrator authority. Failure to do so will cause the application to not fully install.

Checklist for Installing Locate

The following table is provided so that you can collect the needed information for the installation of Locate Application version 5.1. Information may be case-sensitive so record case accurately.

Needed information	How to obtain this information	Application Server step used	Value
The Drive where LocateWeb is to be installed. This is needed for each application server.	Obtain this from your application administrator.	1a	
The Drive where Locate Store Connect is to be installed. This is needed for each application server. Note: This should be the same drive as Locate Web (step 1a)	Obtain this from your application administrator.	2b	
The name of the Locate application server where Locate Distributed Order Broker was installed.	Obtain this from your application administrator.	2b	
The Port # that Locate Distributed Order Broker uses.	Obtain this from your application administrator.	2b	

Preparing for Locate Store Connect Application Installation

Installation of Java on the Application Server(s) and setting environment variables Windows 2008.

11. The correct version of the Java JDK is distributed with Locate and can be found in the 64 Bit JDK folder of the Locate install.
12. To install Java double-click the ***jdk-7u67-windows-x64.exe*** from the Java download and then do the following:
 - a. At the Custom Setup, you should click the change button to change the installation path to ***X:\JDKS\Java\jdk1.7.0_67*** where X: is the drive to which you wish to install Java. After you have made this change click the 'Next' button. Please note that you do not need to install either the Demos or the Source Code if you do not wish.
 - b. At this point the installation of Java should start installing and eventually present the Finish window on which you should click the 'Close' button.
 - i. After the JDK is installed, you may be prompted to install Java Runtime (e.g. ***C:\Program Files\Java\jre7***) click Cancel on this screen prompt as runtime is not required for the installation.
13. Now that Java is installed, we must set the ***JAVA_HOME*** environment variable that will tell the application where to find this Java version. To do this do the following:

Windows 2008 Steps:

- a. Locate My Computer (either on the desktop or from Start menu)
- b. Right-click on My Computer and click Properties from the menu.
- c. Click either Advanced System Settings.

Windows 2012 Steps:

- k. Locate Computer from Start screen
- l. Right-click on Computer and click Properties from the menu bar below.
- m. Click Advanced System Settings.

The remaining steps are common for both operating systems.

- n. Click the Environment variables button.
- o. Scroll through the System Variables at the bottom of the screen to make sure that a ***JAVA_HOME*** variable does not already exist. If it does exist do the following, otherwise skip to step 3f:
 - i. If ***JAVA_HOME*** does exist you may need to make sure that it is ok to change this environment variable since it may affect other things on this machine.
 - ii. Once you have verified it is ok to change, select the ***JAVA_HOME*** variable and click the Edit button.
 - iii. Change the value to be ***X: \JDKS\Java\jdk1.7.0_67*** where X: is the drive where you installed Java.
 - iv. Click OK to save this change.
 - v. Skip to step 3g.
- p. If the ***JAVA_HOME*** environment variable is not in the list of System Variables, then do the following to add this variable and the correct value:
 - vi. Click the 'New' button under the System Variable section.

- vii. In the New System Variable window enter **JAVA_HOME** for the Variable name, and **X:\JDKS\Java\jdk1.7.0_67** for the Variable value where X: is the drive where you installed Java. Please make sure that **JAVA_HOME** is in all capital letters.
 - viii. Click OK to save this change.
 - q. At this point the **JAVA_HOME** variable has been set to the correct value. Leave all the remaining windows open at this point since you will be adding more environment variables in the next steps.
- 14. Next you need to tell Windows where to find this version of Java by setting the **Path** environment variable. To do this do the following:
 - a. On the open Environment Variables window scroll through the System Variables at the bottom of the screen to make sure that a **Path** does not already exist. If it does exist do the following, otherwise skip to step 4b:
 - i. If **Path** does exist you may need to make sure that it is ok to change this environment variable since it may affect other things on this machine.
 - ii. Once you have verified it is ok to change, select the **Path** variable and click the Edit button.
 - iii. Add the value **X:\JDKS\Java\jdk1.7.0_55\bin;** where X: is the drive where you installed Java. You can leave the existing value; just make sure to insert this before any other value.
 - iv. Also, check to see if **W:\Windows\System32** is somewhere in the **Path**. W: is the drive where Windows is installed. If it is not, add it to the end of the **Path**.
 - v. Click OK to save this change.
 - vi. Skip to step 4c.
 - b. If the **Path** environment variable is not in the list of System Variables, then do the following to add this variable and the correct value:
 - i. Click the 'New' button under the System Variable section.
 - ii. In the New System Variable window enter **Path** for the Variable Name, and **X:\JDKS\Java\jdk1.7.0_67\bin;**
W:\Windows\System32 for the Variable Value where X: is the drive where you installed Java and W: is the drive where Windows is installed.
 - iii. Click OK to save this change.
 - c. At this point the **Path** variable has been set to the correct value. You can close this window.
- 15. Make sure this is done on each server where you are going to install Locate. This must be done before the installation can start.

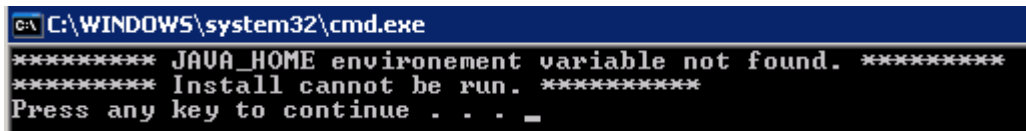
Install the Locate Web Server

Note: LocateWeb is the application server used by Store Connect for rendering the user interface. If the folder **LocateWeb** already exists on the server, proceed to the step, **Install the Locate Store Connect Application**. **Do Not reinstall the LocateWeb application**. Only if the LocateWeb folder does not exist on the server should you proceed with the installation directly below.

To determine if LocateWeb is installed, navigate to **X: \LocateWeb**. Where X: is each drive on the application server and is typically C: and D:.

2. Copy the **LocateWeb** folder to the application server where you want to install the application server used by the application. If your site has multiple application servers, please copy this folder to each application server. Inside the folder is the **setup.exe** file. Double-click this file to start the installation of the application.

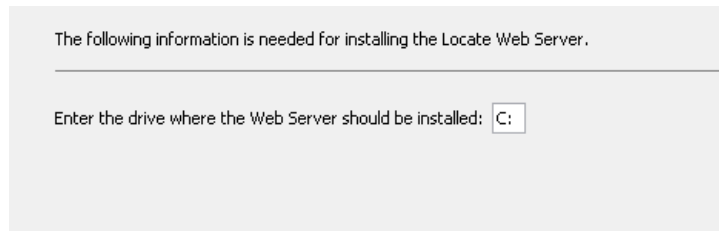
If the installation window does not appear, but the command window shows the error in the screen shot below, then the installation cannot be run because you did not create the JAVA_HOME environment variable for this server. This must be done before the upgrade can start. Please see the **Installation of Java on the Application Server and setting environment variables** section of this document for assistance with setting JAVA_HOME.



```
C:\WINDOWS\system32\cmd.exe
***** JAVA_HOME environment variable not found. *****
***** Install cannot be run. *****
Press any key to continue . . . _
```

Once the installation window appears follow the prompts and instructions in the installation and return to this document when the application installation is complete. Listed below is the prompt in the installation that may need clarification:

- d. The installation will prompt for the drive where the LocateWeb application server was installed is defaulted to the “C” drive, but if LocateWeb was installed on a different drive please change it. **Please make sure to include the colon (:) after the drive letter(for example D:).** The installation drive is required.



Install the Locate Store Connect Application

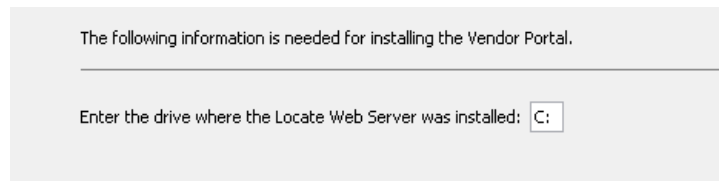
3. Within the **Applications** folder copy the **Store Connect Application** folder to the application server where you want to install the application. If your site has multiple application servers, please copy this folder to each application server.
4. Inside the Application Server folder is the **setup.exe** file. Click **Run as Administrator** to start the installation of the application.

If the installation window does not appear, but the command window shows the error in the screen shot below, then the installation cannot be run because you did not create the JAVA_HOME environment variable for this server. This must be done before the upgrade can start. Please see the **Installation of Java on the Application Server and setting environment variables** section of this document for assistance with setting JAVA_HOME.

```
C:\WINDOWS\system32\cmd.exe
***** JAVA_HOME environment variable not found. *****
***** Install cannot be run. *****
Press any key to continue . . .
```

Once the installation window appears follow the prompts and instructions in the installation and return to this document when the application installation is complete. Listed below are some of the prompts in the installation that may need clarification:

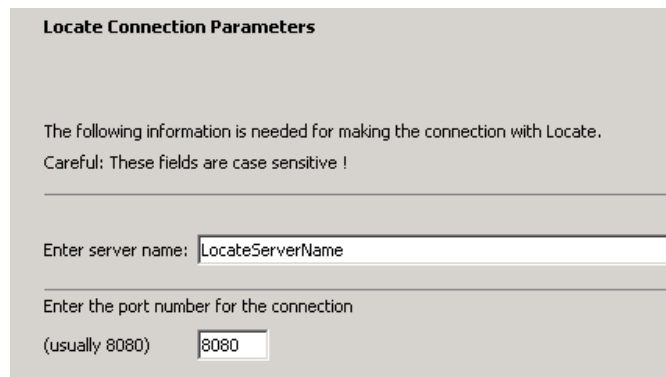
- c. The installation will prompt for the drive where you wish to install the Store Connect application installed.
 - i. The drive where locatweb was installed is defaulted to the "C" drive, but if LocateWeb was installed on a different drive please change it. **Please make sure to include the colon (:)after the drive letter(for example D:).** The installation drive is required.



The following information is needed for installing the Vendor Portal.

Enter the drive where the Locate Web Server was installed:

- d. The installation will prompt you for the name of the Locate application server and port. This defaults to **LocateServerName** so please make sure to change this to the name of the Locate application server where you installed Locate. The installation also prompts you for the port Locate uses. This defaults to 8080 which should be correct unless you changed it to a different value. All information is required and is case sensitive.



Locate Connection Parameters

The following information is needed for making the connection with Locate.
Careful: These fields are case sensitive !

Enter server name:

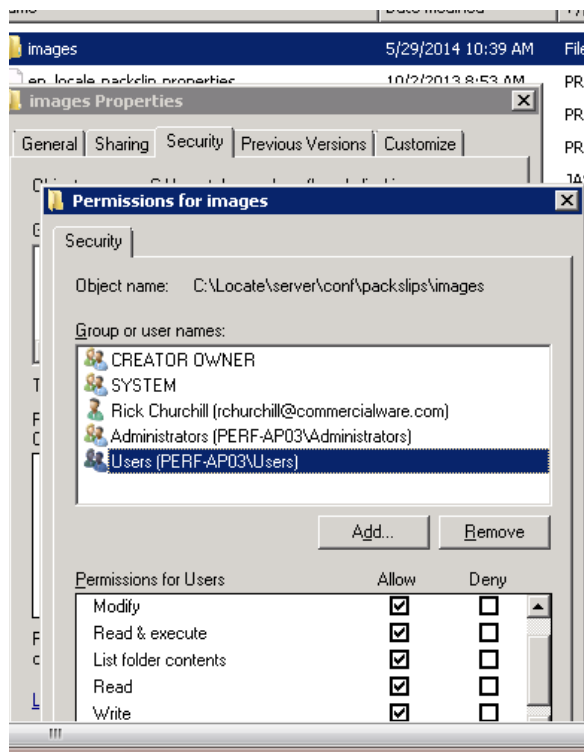
Enter the port number for the connection
(usually 8080)

14. Stop the service if it is running.
15. As administrator, run the Tomcatservice.bat file in the LocateWeb/bin folder as follows: Tomcatservice remove
16. Use a text editor to edit the Tomcatservice.bat file, inserting the highlighted section:
--JvmOptions "-Dcatalina.home=%CATALINA_HOME%;-Dcatalina.base=%CATALINA_BASE%;-
Djava.endorsed.dirs=%CATALINA_HOME%\endorsed;-Djava.io.tmpdir=%CATALINA_BASE%\temp;-
Djava.util.logging.manager=org.apache.juli.ClassLoaderLogManager;-
Djava.util.logging.config.file=%CATALINA_BASE%\conf\logging.properties;-Dhttps.protocols=TLSv1.1,TLSv1.2" ^
17. As administrator, run the edited LocateMPCservice.bat file as follows: Tomcatservice install
18. At this point Store Connect is installed and set up on this server. It is recommended that you reboot the application server before continuing to make sure that all of these changes take effect. If you have additional application servers where you plan on installing, please repeat the **Install the Locate Store Connect Application** for each of these machines including the steps in the prerequisites of this document.
19. Now you can start the application on the application server. To do this perform the following:
 - a. Open Administrative Tools on the Locate application server.
 - b. Open Services
 - c. Identify the **Locate Web Server** service and right-click it, selecting Start.

Security

Locate Store Connect allows the retailer to upload images used for printing on the pick and packing documents. In order to allow for the importing of images, Windows requires the security level of a folder on the application server to have write privileges.

- On each server where LocateWeb was installed, navigate to the folder **X:\LocateWeb\webapps** where X is the drive the application was installed Locate. Right-click on the **Root** folder and select the Security Tab and Edit. Your screen may look something like the image below.



- On the **Users** Group, grant Modify and Write authority levels.
- Click Okay.

Testing the Store Connect Application

5. Once Locate and the Store Connect applications are installed you can give it a quick test by doing the following:
 - a. Open a browser and point it to the Locate application. The URL for the Locate application is <http://LocateServerName/LocateSTC/> where server is the name of the application server where you installed Store Connect.
 - b. Prior to launching create a vendor and vendor user in Locate and assign appropriate roles. Log into the Locate application using the user name and password that was create in this step.
 - c. At this point you should be logged in. On the first log in it may take the initial screen a couple minutes to completely load, so please pause and allow it to completely load before starting to maneuver around from screen to screen. This only is necessary after the Locate service is restarted and not on every login.
6. If you have additional application servers where you have installed Store Connect please repeat the **Testing the Store Connect Application** for each of these machines.

Notes about client browser configuration

7. Pop-up blockers must be set to allow pop-up windows since the Locate.html URL will launch a new window.
8. Javascript must be enabled in the browser. This can typically be handled by making sure the URL is in the "Intranet" zone.
9. If launching a second window, you **MUST** launch a new instance of Internet Explorer.