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# Installation guide

text

## Client installation

### 64bit client version install

When automatically installing Java on your Windows machine it will choose 32 or 64-bit version depending on Internet Explorer setting. The 32-bit version is enabled by default on Windows 7 so normally the 32-bit version of Java is installed even though the OS is 64-bit. The 32-bit version of Java has a limit on memory allocation at around 1 200 MB. LocDirect default allocates 1024 MB of memory. To allocate more memory to LocDirect the 64-bit version of Java needs to be installed and the startup.bat script needs to be altered. The 64-bit version of Java can be installed along the existing 32-bit version.

- 1) Download the Windows Offline (64-bit) version [here](#) and install it
- 2) Check Java install path, this is normally C:\Program Files\Java\jre6\
- 3) Edit LocDirect startup.bat which you'll find in the Localize Direct install folder, normally C:\Program Files (x86)\LocalizeDirect\startup.bat

```
cd "C:\Program Files (x86)\LocalizeDirect"

PATH "c:\Program Files\Java\jre6\bin";%PATH%

SET PATH=dlls;%PATH%

START javaw -Xms256m -Xmx2048m -jar lib/localizedirect.jar

EXIT
```

This will allocate 2048 MB instead of the default 1024 MB. Make sure the blue highlighted path corresponds to the install folder of Java.

## Installation (client)

### Problems

**'Could not create Virtual Java Machine'** error message when trying to launch the client. This may be caused by Java trying to allocate memory for the client but not succeeding. It is possible to set the amount of memory the client will be allocated. This is set in the startup.bat file that resides in the install directory, normally "c:\Program Files (x86)\LocalizeDirect\", edit the line looking like:

```
START javaw -Xms256m -Xmx1048m -jar lib/localizedirect.jar
```

to

```
START javaw -Xms256m -Xmx512m -jar lib/localizedirect.jar
```

This will change the memory buffer to 512m for the client.

## Server installation

### Installation (server)

LocDirect server can run on any Microsoft Windows OS. Clients connecting will auto-update to match the version of the server.

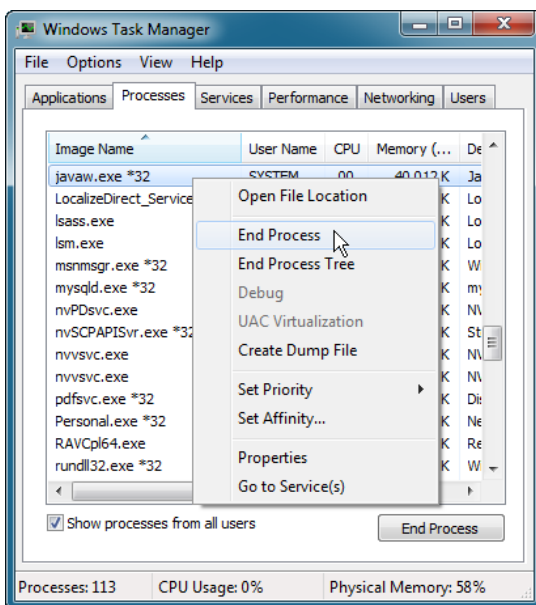
For versions prior to 2.14.120 we recommend that you install and use java 6 x64 on the host machine. You can download the Java 6 SE runtime executable from our support page or from Oracle at <http://www.oracle.com/technet/work/java/javase/archive-139210.html> under Java 6 SE. Later versions are compatible with java 6,7 and 8.

- [Downloading](#)
- [Java compability](#)
- [Installing](#)
- [Starting the server](#)
- [Stopping the server](#)
- [Restarting running server](#)

### Downloading

Your support account has to be enabled for server version access before you can access the server files. Please contact our support to change this setting. Log into the [support area](#) and you'll find the latest versions available under Server versions.

**Before installing it is recommended to close all applications. If you are upgrading an existing installation make sure all running javaw.exe tasks are ended. This can be done from Windows Task Manager.**



### Java compability

If you use the x64 version of LocDirect server you have to install the Java x64 version too. The LocDirect x64 version will not launch properly on Java x32.

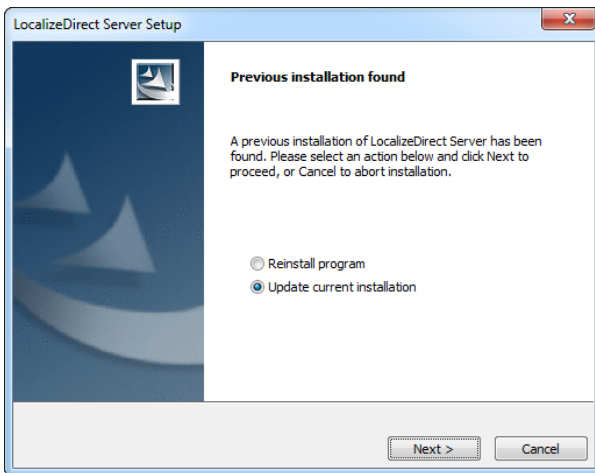
**i** Java default installation uses setting in Internet Explorer which is defaulted to the x32 bit version of Java. It is possible to have both x32 and x64 versions installed. Note that the x64 bit Java version has to be downloaded and installed manually.

If the correct version of Java is not installed the LD service will not launch properly and the server will not be contactable unless the LD Server GUI is started. The LD Server GUI tries to attach itself to the running LD server and failing to do so will launch it as a program. If the server is running properly the LD Server GUI will display "Service is running" on the top bar.

## Installing

**i** Before installing make sure the server date, time and time zone are correct as the LocDirect server has to be restarted for any such changes to have effect

If the installer finds a previous installation it will ask you to either Reinstall program or Update current installation.



**i** Selecting Reinstall program will delete the full LocalizeDirect Server folder including the license key and any backups stored in the folder. Make sure you make a backup of files into another folder before Reinstall program.

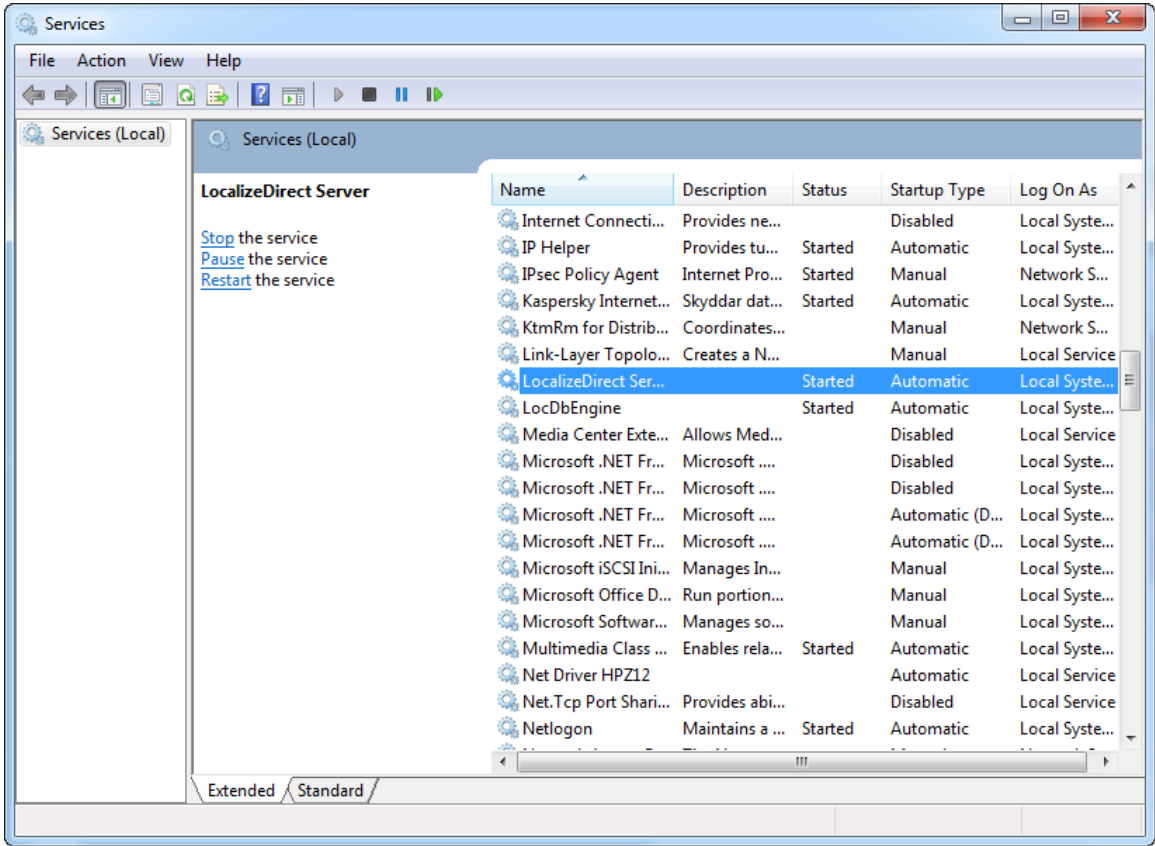
Selecting Update current installation will keep your files and update the database to the new version.

The server installs into the windows Program folder, normally c:\Program Files (x86)\LocalizeDirect Server\

## Starting the server

The server runs as a windows service and will automatically start when the machine is rebooted. Two services was added LocalizeDirect Server and LocDbEngine you can use Services to verify that they are running. To manually start the services use the following order:

1. Start the LocDbEngine
2. Start the LocalizeDirect Server



### Stopping the server

Use windows Services to stop the LocDirect server in the following order:

1. Stop the LocalizeDirect Server
2. Stop the LocDbEngine

### Restarting running server

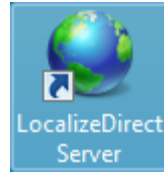
Use windows Services to stop and start the LocDirect server in the following order:

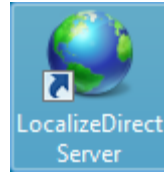

1. Stop the LocalizeDirect Server
2. Stop the LocDbEngine
3. Start LocDbEngine
4. Start LocalizeDirect Server

### Configuring server

- [Starting the server interface](#)
- [Setting the server port](#)
- [Scheduling backups](#)
- [Backup database](#)
- [Restore database](#)

### Starting the server interface



Start the server interface by clicking on the LocalizeDirect Server icon  or double clicking the mini-icon 

Using the server interface you can view the log and see what current sessions are active. Normally a logged in user has two active sessions with the server. Sessions can be killed by right-clicking and selecting kill.

### Setting the server port

The server defaults to port 5070, this can be changed right-clicking on the server item and selecting Server Port.

**i** Make sure that your firewall is configured to allow traffic through the selected port.

### Scheduling backups

Backups can be automatically generated by the server. Backups should be scheduled to hours when there are minimal of usage. Default destination folder for backups are the server install directory /backups.

**i** It's recommended to change the backup directory to a folder outside the server install directory as this directory will be deleted on a Reinstall.

### Backup database

A database backup can be manually triggered by selecting this option.

### Restore database

This will delete all current project on the server and restore to an older version.

**i** Make sure that the database you want to restore was created with the same version of the server as restore may not be backwards compatible with backups created with older versions.

## Connecting to a new server installation and initial setups

- [Logging on as super-user](#)
- [Change password](#)
- [Create initial project tree setup](#)

### Logging on as super-user

When a new server installation is made is will create a super user with the initial user name "Administrator" and password "admin".

### Change password

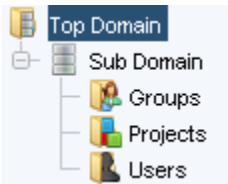
Change the super user password using File > Change Password

**i** You are highly advised to change the super user password the first time you log in. The super user has full access to all the data in the system

### Create initial project tree setup

1. Right click on the X.X.X.X ???[Login server] and select New Domain Folder. This will become your top domain folder.
2. Right clip the new top domain folder and select New Domain. This will become your sub domain folder.
3. Click on the sub domain folder and select Create new Projects Folder - name the folder Projects
4. Click on the sub domain folder and select Create new Group Folder - name the folder Groups
5. Click on the sub domain folder and select Create new User Folder - name the folder Users

The end result should look similar to:



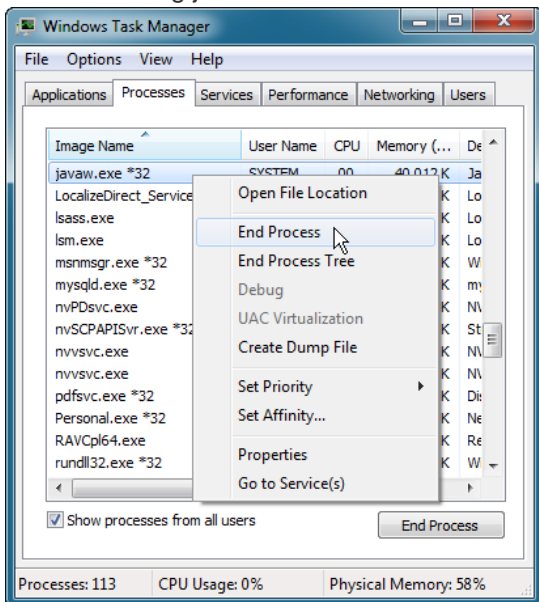
### Upgrade server

**i** x64 version can not be installed on previous x32 version - follow Upgrading server (x32 to x64)

- [Upgrading server \(x32 to x32 or x64 to x64\)](#)
- [Upgrading server \(x32 to x64\)](#)

### Upgrading server (x32 to x32 or x64 to x64)

1. Create a database backup from the server UI ([Configuring server](#)) or via superadmin in the client
2. Close server UI
3. Before installing it is recommended to close all applications. If you are upgrading an existing installation make sure all running javaw.exe tasks are ended. This can be done from Windows Task Manager.



4. Run the server installer
5. Select the Update current installation (default)

**i** Selecting Reinstall program will delete the full LocalizeDirect Server folder including the license key and any backups stored in the folder. Make sure you make a backup of files into another folder before Reinstall program.

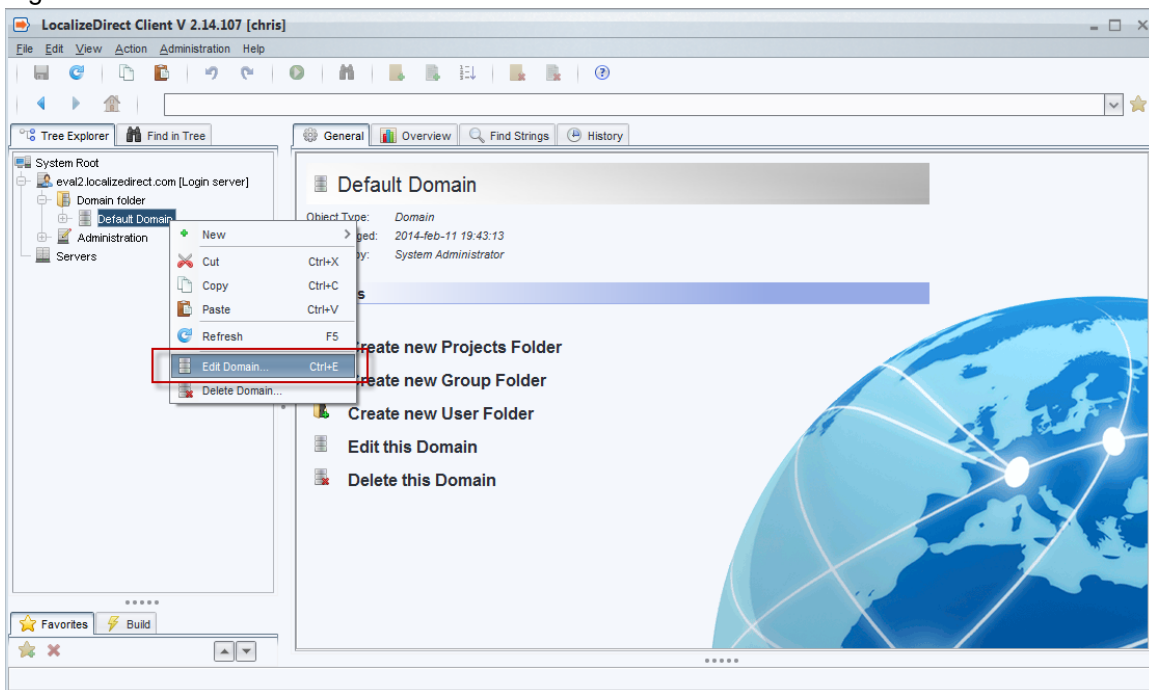
### Upgrading server (x32 to x64)

1. Create a database backup from the server UI ([Configuring server](#)) or via superadmin in the client
2. Close server UI
3. Make a backup of the license.lic file and the backup folder (situated in the LocalizeDirect server install folder) to a folder outside the LocalizeDirect server install folder (the install folder and all its content will be deleted in the next step)
4. Uninstall LocalizeDirect server
5. Run the x64 server installer
6. Copy the license.lic file and the backup folder (from step 3) into the LocalizeDirect server installation folder
7. Start the server and open the server UI
8. Resume the backup created in step 1

### License guide

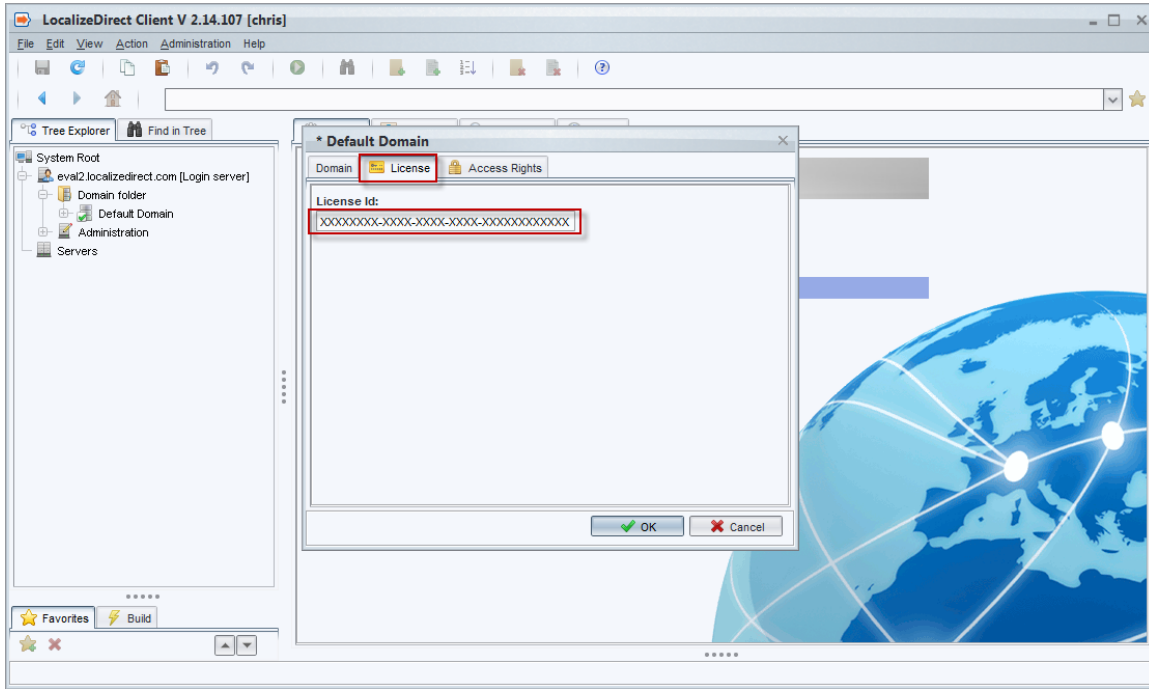
Server versions starting from 2.9.104 (client version 2.14.104) has an automatic license management system that replaces the old license files. There's a setup that only has to be carried out once per server. The same license key can be used for all your LocDirect servers.

1. Log into LocDirect via the client as a user with Admin client rights
2. Locate a domain in the project tree. If you have multiple domains on your server you can add the license key to anyone of them.
3. Right click on the domain and select "Edit Domain"



4. Select the "License" tab and enter your license key under "License Id"





5. Click OK
6. Make sure that the machine running the server can access <https://ld2lic.localizedirect.com> by opening up any firewall to port 443 and IP 54.243.148.108