



Steps to point Kernel and Webrunner from 32 to 64 bit jre

This document explains how to point Adeptia Suite Kernel and Webrunner, which are running as windows service, to use 64 bit JRE.

Following are the high level steps:

1. **Unregister Kernel and Webrunner from Windows Service**
2. **Change bundled JRE from 32 bit to 64 bit**
3. **Modify jsl-Kernel.ini and jsl-Webrunner.ini file**
4. **Re-register Kernel and Webrunner as Windows Service**

Note: Paths illustrated in this document are used assuming that Adeptia Server is installed in default directory which is *C:\Program Files\AdeptiaSuite*.

Un-register Kernel and Webrunner

Pre-requisites: You must be logged in as administrator in windows.

1. Stop the kernel and Webrunner from Windows Services.
2. Open the command (cmd) prompt Go to **<AdeptiaInstallFolder>/Jre/bin** folder.
3. Run the following commands to un-register kernel and Web Runner from windows services:

For Kernel:

```
jsl.exe -remove "C:\Program Files\AdeptiaSuite\AdeptiaServer-5.2\ServerKernel\jsl-Kernel.ini"
```

For Webrunner:

```
jsl.exe -remove "C:\Program Files\AdeptiaSuite\AdeptiaServer-5.2\ServerKernel\jsl-webRunner.ini"
```

4. Close the command prompt.

Change bundled JRE from 32 bit to 64 bit

1. Go to the folder where Adeptia Suite is installed.
2. Rename to JRE folder for a backup. For example: JRE_32bit.
3. Paste the given 64 JRE folder in the same folder.



Modify jsl.Kernel.ini and jsl-WebRunner.ini file

1. Edit *jsl.kernel.ini* file and add the line which is marked in the figure below.

```
[service]
appname = Adeptia Suite Kernel
servicename = Adeptia Suite Kernel
displayname = Adeptia Suite Kernel
starttype = demand
loadordergroup = someorder
stopclass = com/adeptia/indigo/Shutdown
stopmethod = main
stopsignature = ([Ljava/lang/String;)V
systemoutappend = no
systemerrappend = no

[java]
jrepath = C:\Program Files\AdeptiaSuite\jre\
wrkdir = C:\Program Files\AdeptiaSuite\AdeptiaServer-5.2\ServerKernel
params = 5
param00 = -cp
param01 = C:\Program Files\AdeptiaSuite\AdeptiaServer-5.2\ServerKernel\web\libs\BPMServer.jar;C:\Program
Files\AdeptiaSuite\AdeptiaServer-5.2\ServerKernel\etc
param02 = com.adeptia.indigo.loader.ApplicationLauncher
param03 = KN
param04 = 1
jvatype= server
```

2. Save this file.
3. Similarly remove the same line from *jsl-WebRunner.ini* file and save this file.

Re-register Kernel and WebRunner as windows service

1. Open the command prompt.
2. From C:\ run the following command to re-register kernel as windows service:

"C:\Program Files\AdeptiaSuite\jre\bin\jsl.exe" -install "C:\Program Files\AdeptiaSuite\AdeptiaServer-5.0\ServerKernel\jsl-Kernel.ini"

This should display a message that Adeptia Suite Kernel installed as windows service.

1. Now run the following command to re-register WebRunner as windows service:

"C:\Program Files\AdeptiaSuite\jre\bin\jsl.exe" -install "C:\Program Files\AdeptiaSuite\AdeptiaServer-5.0\ServerKernel\jsl-WebRunner.ini"

This should display a message that Adeptia Suite WebRunner installed as windows service.

2. Restart the system.



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