

The Host Integration (PCOMM / HoD) License Manager

1. Deploying the LicenseManager WAR/EAR file

Pre-requisites

- A Java application server that supports Servlet 2.5
- JRE 5 and above

New:

This was changed to

WebSphere Application Server v8.5 and above

Technote:

How to install and configure the License Manager Server for Host On-Demand and Personal Communications

<http://www-01.ibm.com/support/docview.wss?uid=swg21691875>

1. Deployment Steps

- Download the Host Integration License Manager package from IBM fixcentral

<https://www-945.ibm.com/support/fixcentral/swg/selectFixes?parent=ibm>

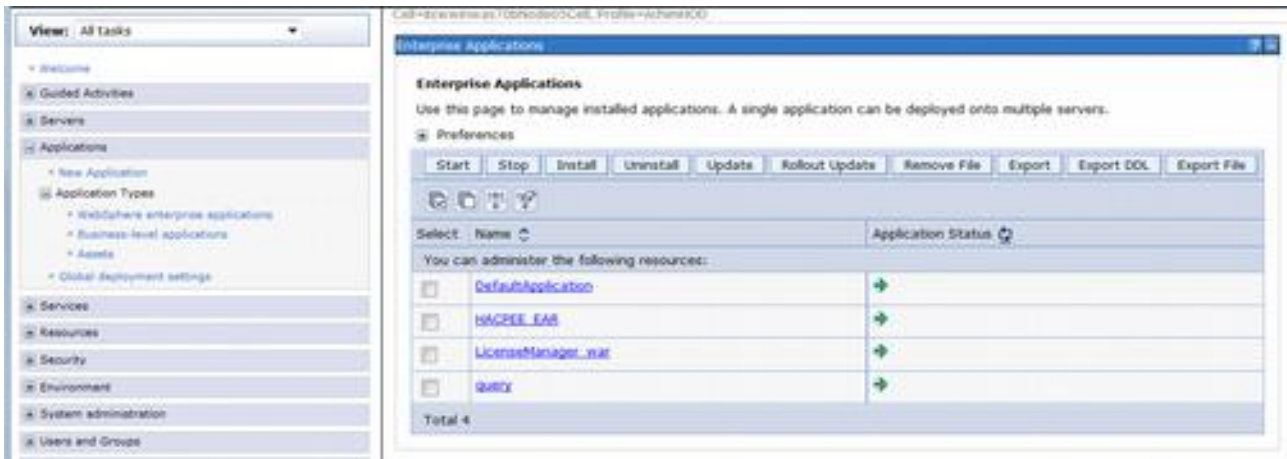
[%7ERational&product=ibm/Rational/Host+Integration+License+Manager&release=13.0&platform=Windows&function=all](https://www-945.ibm.com/support/fixcentral/swg/selectFixes?parent=ibm%7ERational&product=ibm/Rational/Host+Integration+License+Manager&release=13.0&platform=Windows&function=all)

- Extract the contents of the Host Integration License Manager package (.zip) file
- Logon to the WAS admin page

<http://xyz:port/ibm/console/unsecureLogon.jsp>

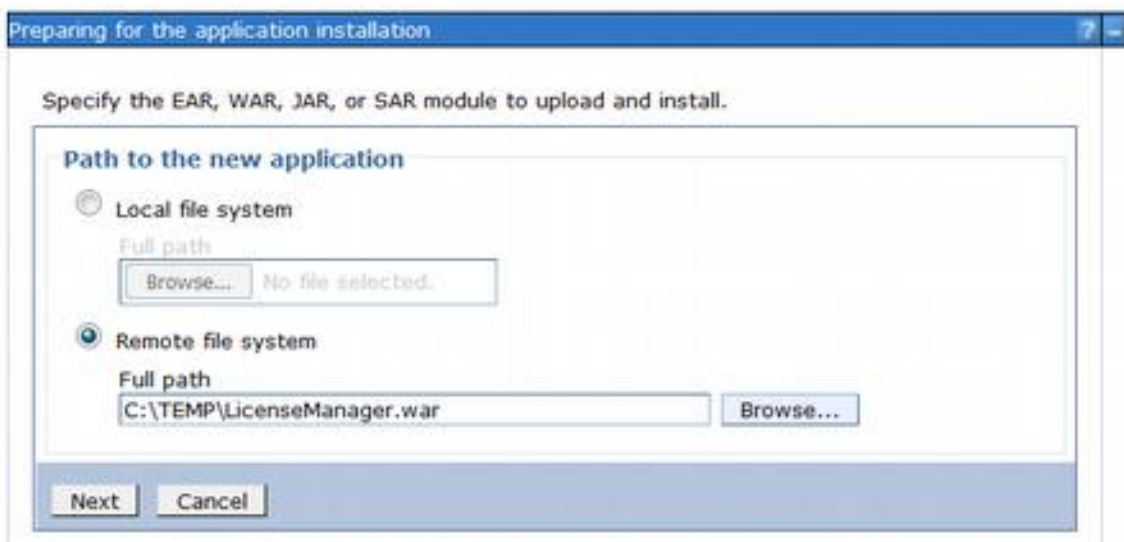
- Deploy the WAR file on WAS using WAS admin console.

Select Websphere Enterprise Applications

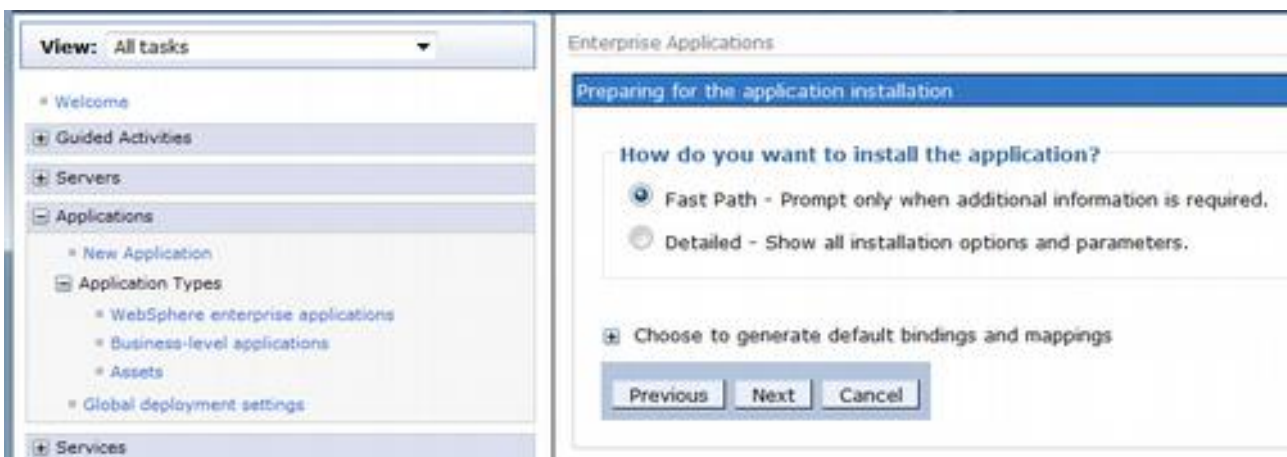


Click Install

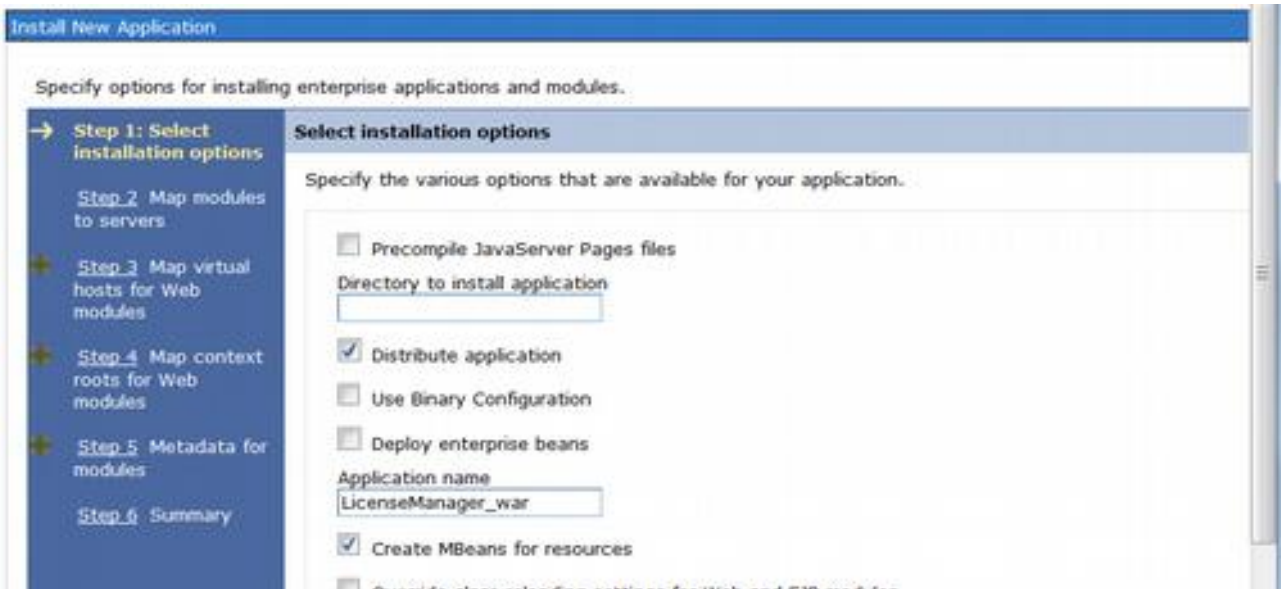
Use Browse to point to the Host Integration License Manager package war file



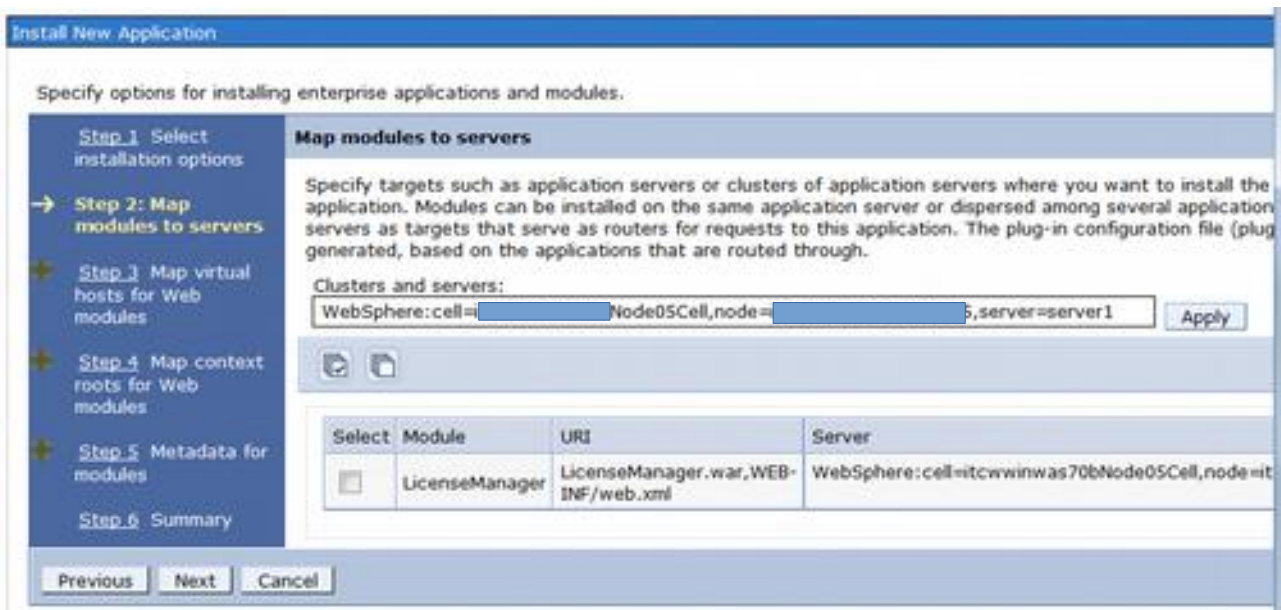
Click Next



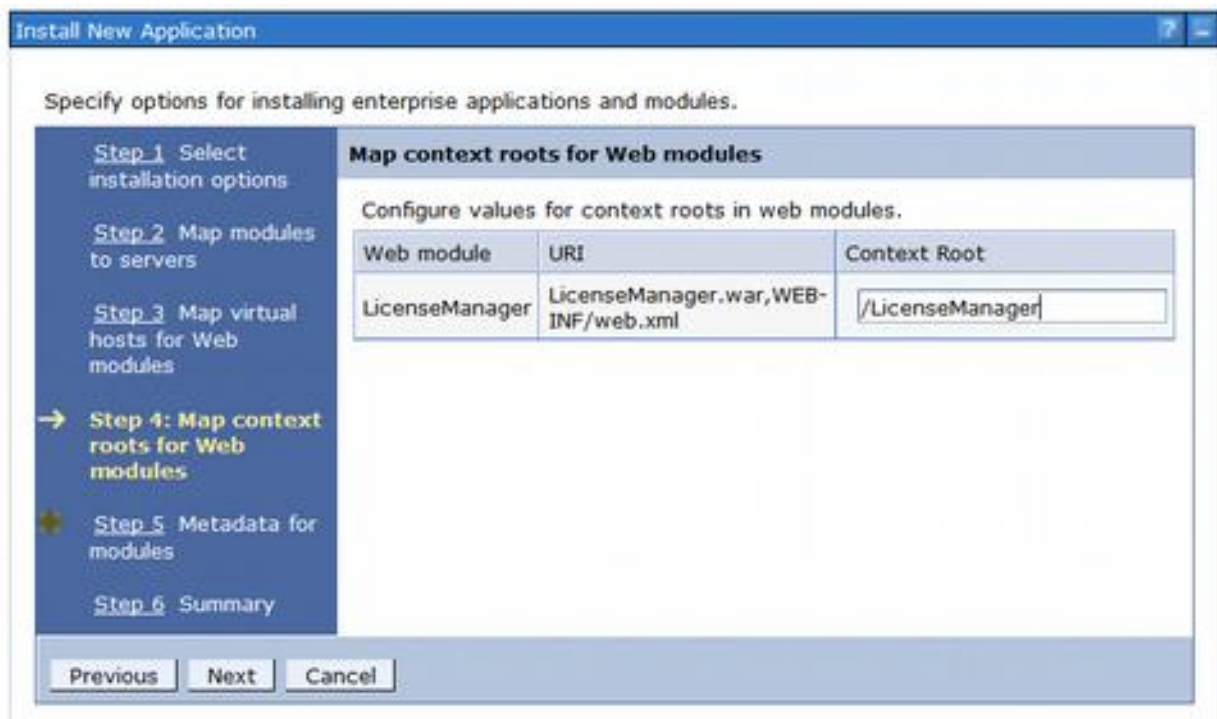
Continue with „Next“



Click Next

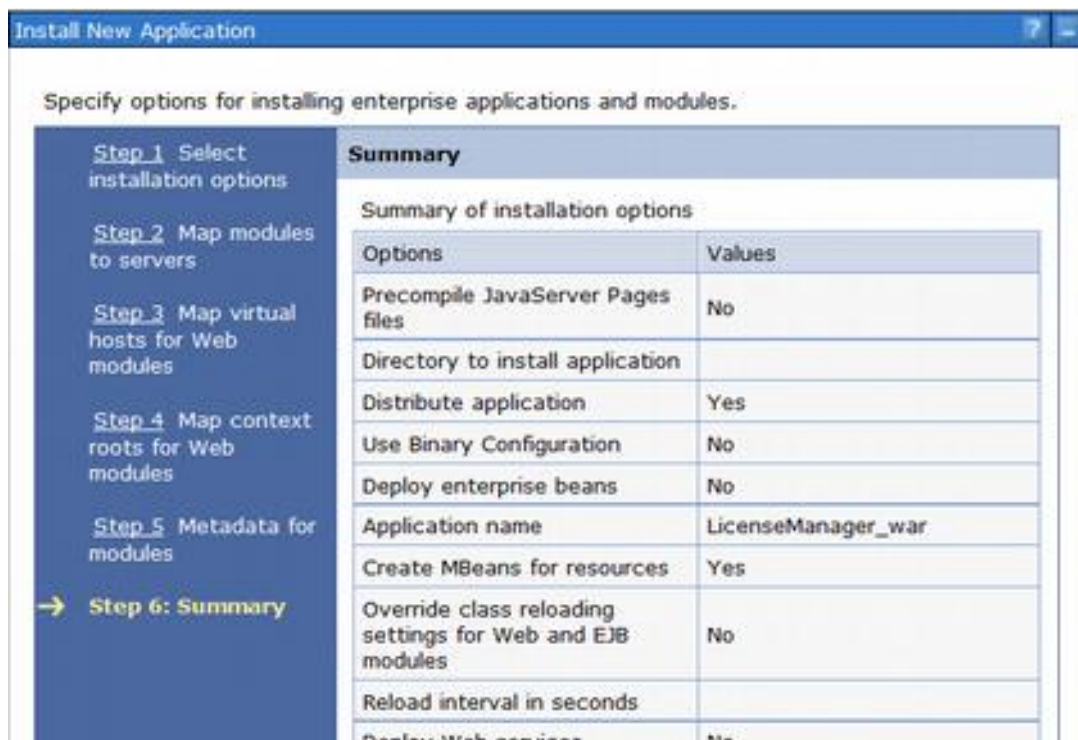


Click Next 2 times



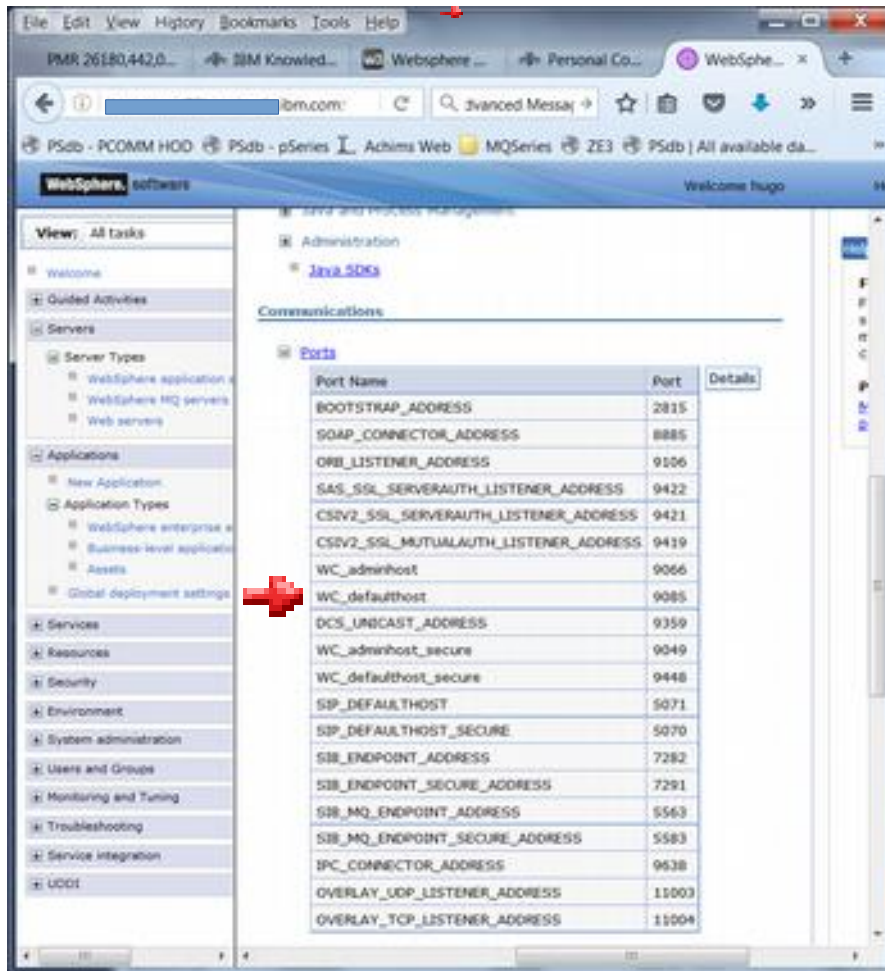
Define a Context Root (URL) where the application will be called: /LicenseManager

Click Next 2 times to get to the Summary Page

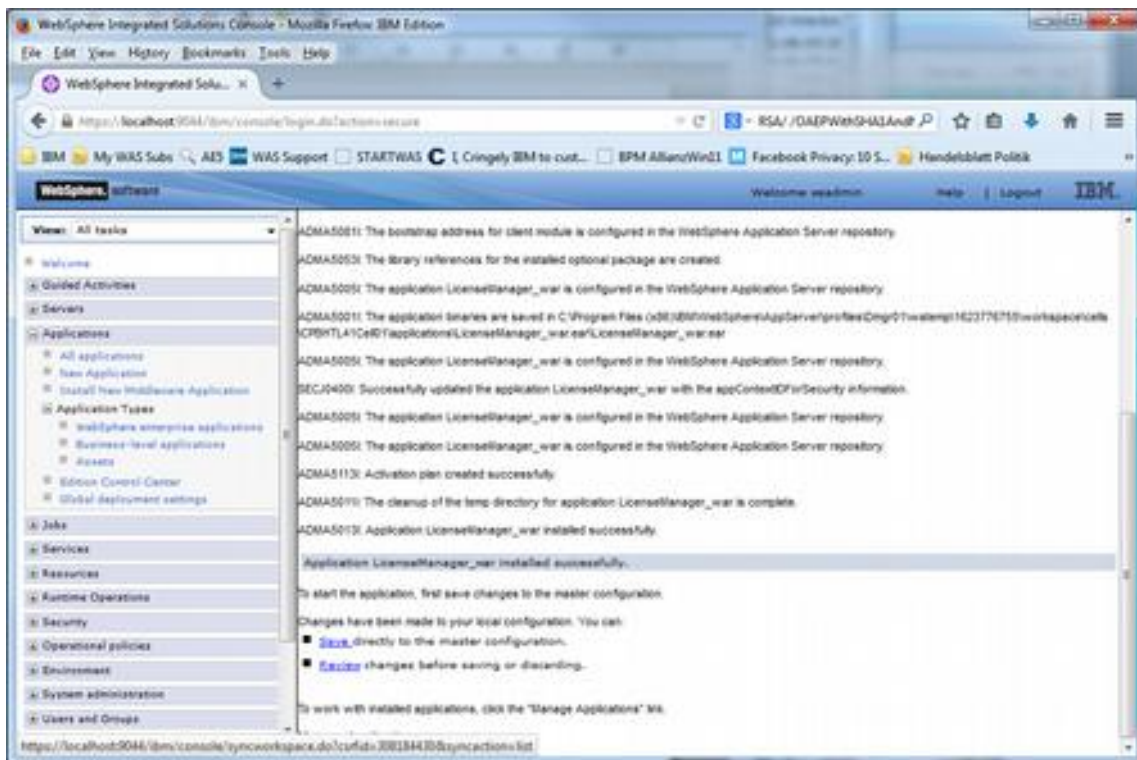


Here click Finish

Note: The License Manager is using the http default port of the WAS, in this case 9085.

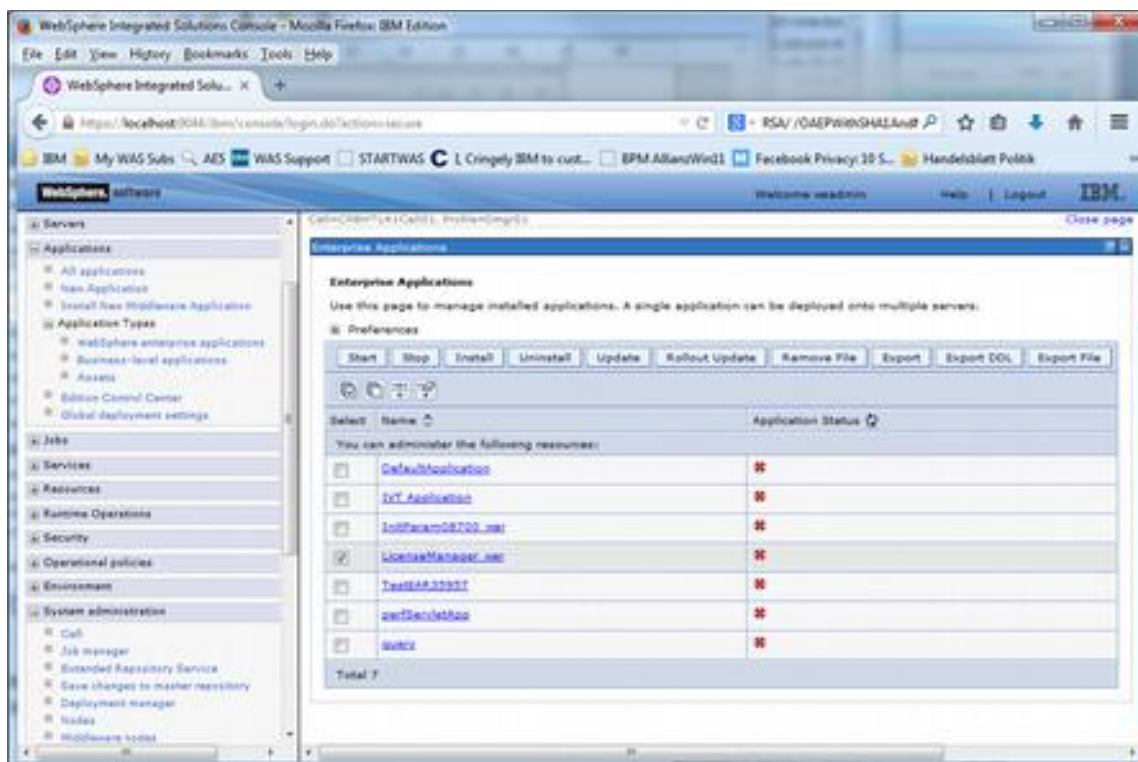


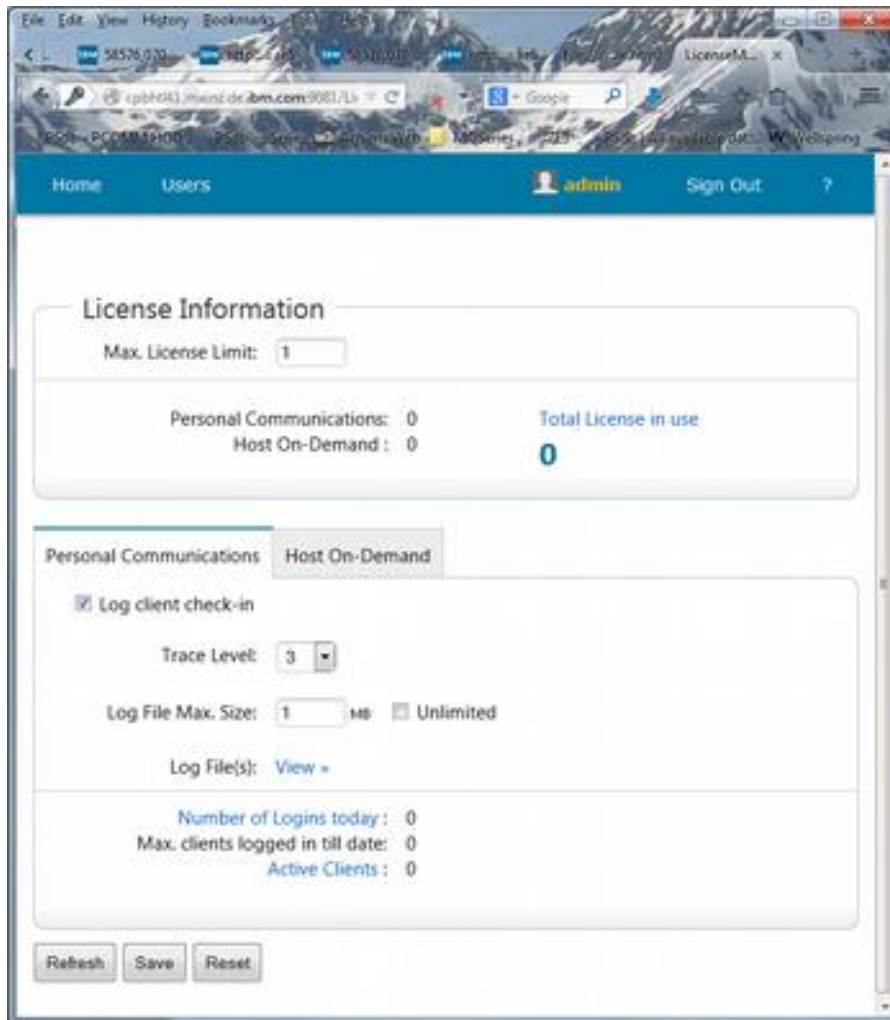
The Context Root defines which application behind the default http port (see previously in the document) the data is redirected to.



Click Save:

If the application is installed in a Network Deployment environment, synchronize the cell to distribute the application to the remote nodes. Then start the application:



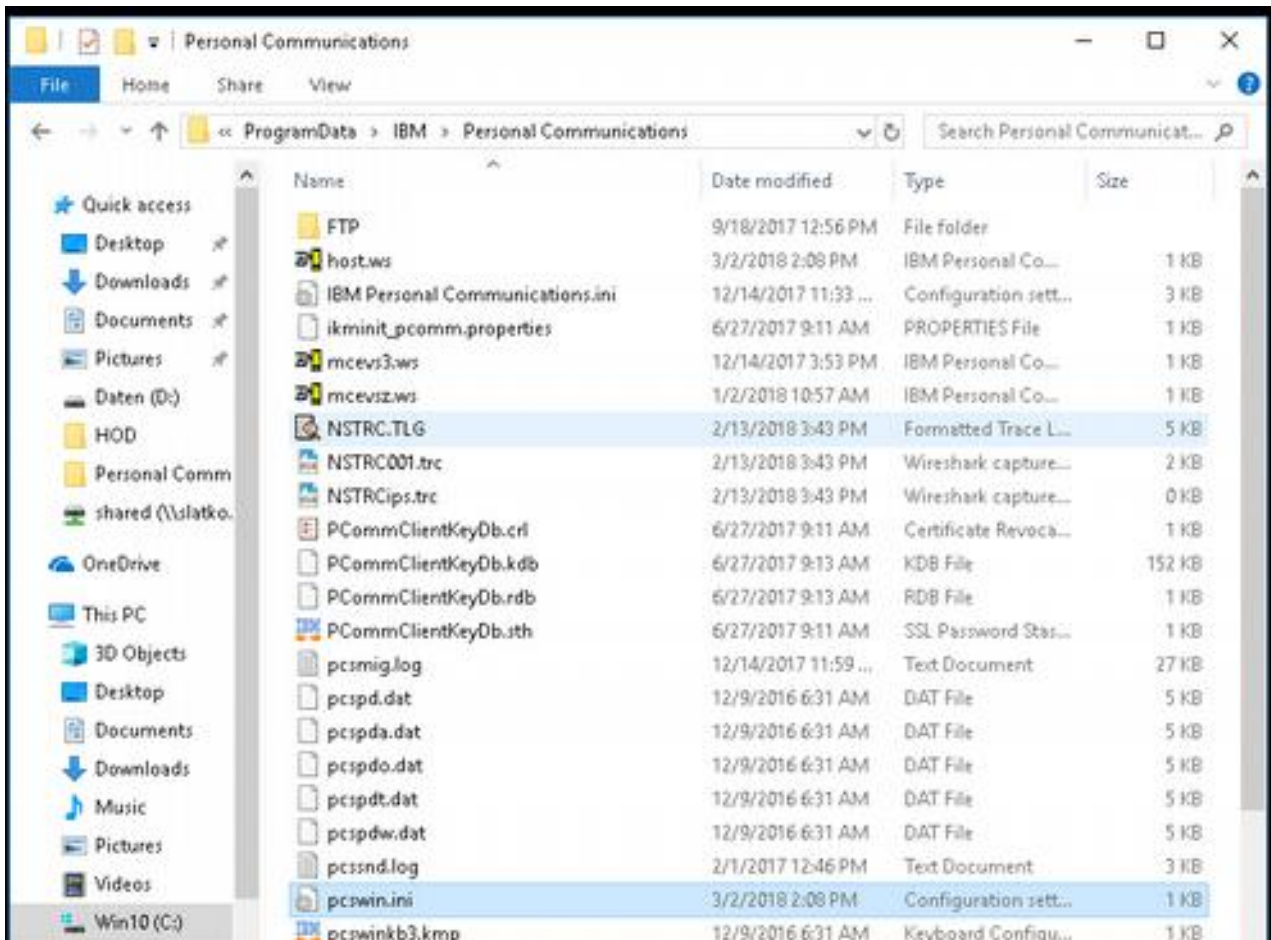


2. On the client side:

I have the following PCOMM version installed:



Checking for the active pcswin.ini.file



This is the only pcsws.ini file on that system.

Add the required lines to the pcsws.ini in the above directory.

```
pcswin.ini - Notepad
File Edit Format View Help
[Profile]
ID=INI
Version=6
[License]
URL=http://[redacted]ibm.com:9085/LicenseManager/LicenseLogger
timeout=5
[LastExitView]
B=3 -70 150 1296 689 7 16 22 400 0 PComm Session- 1141
A=3 54 12 1216 914 7 15 31 400 0 PComm Session- 1141
```



Important note: There is currently a problem when using the URL for the license server. You have to use the IP-address.

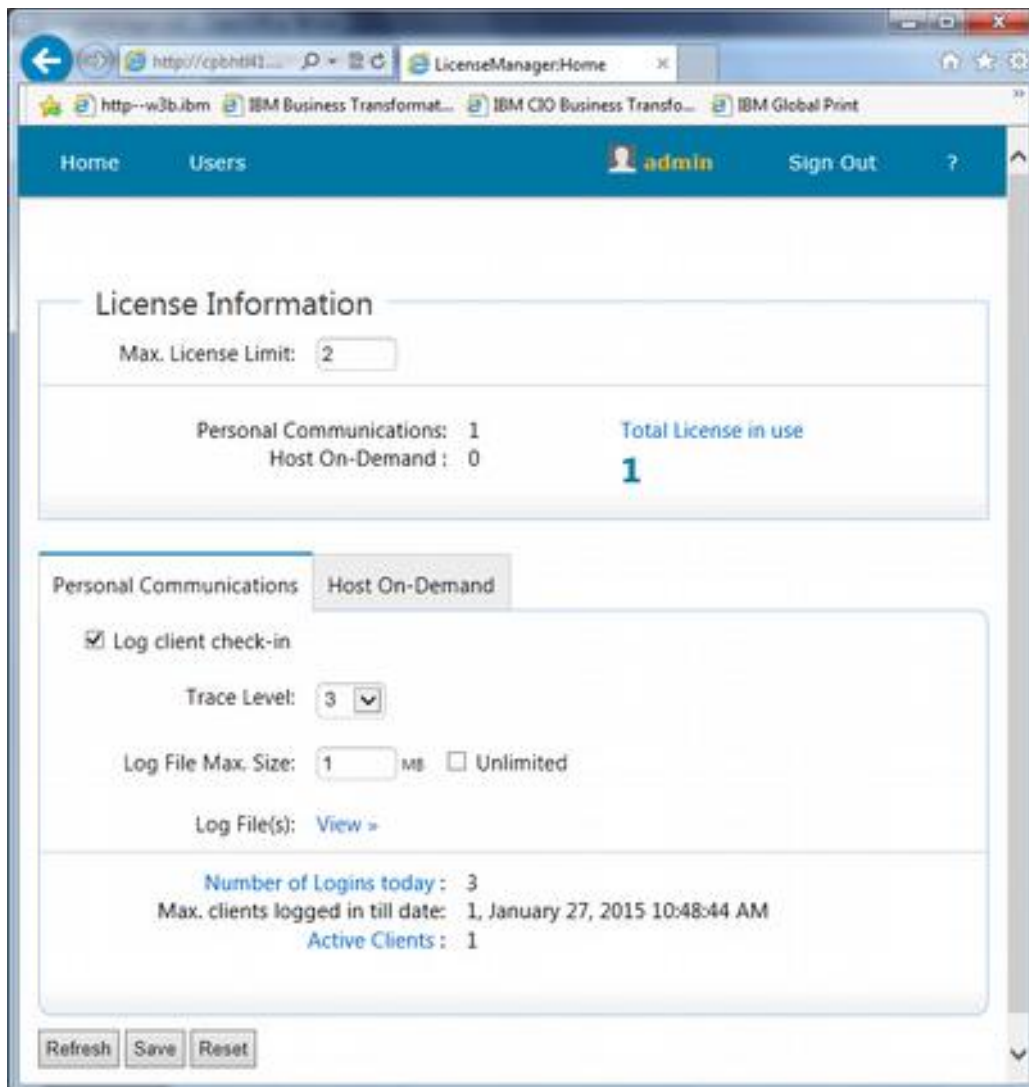
In my example

[License]

URL=http://9.145.78.72:9085/LicenseManager/LicenseLogger

Interval=5

3. If the client connected successfully the Administrator page will show



Log client check-ins

Enable/Disable clients to report to the Host On-Demand configuration server. If disabled only the "License Information" part of this page will be active and only the number of licenses will be counted.

Trace Level

If "Log client check-ins" is enabled, the "Trace level" sets the amount of data that will be logged for each client. Trace level 3 logs: Date, IP address of the client, System User name, Client Type

(HOD or PCOM), Sub-Client Type, MAC Address, Machine Name, Status of connection.
Trace level 2 omits Machine Name, Trace level 1 omits Machine Name and MAC Address.

Log File Max Size

Specifies the maximum size (in MB) of the log file. A new log file is created when the current log file exceeds this maximum limit. Check the 'Unlimited' checkbox to maintain a single log file.

Log File(s) View

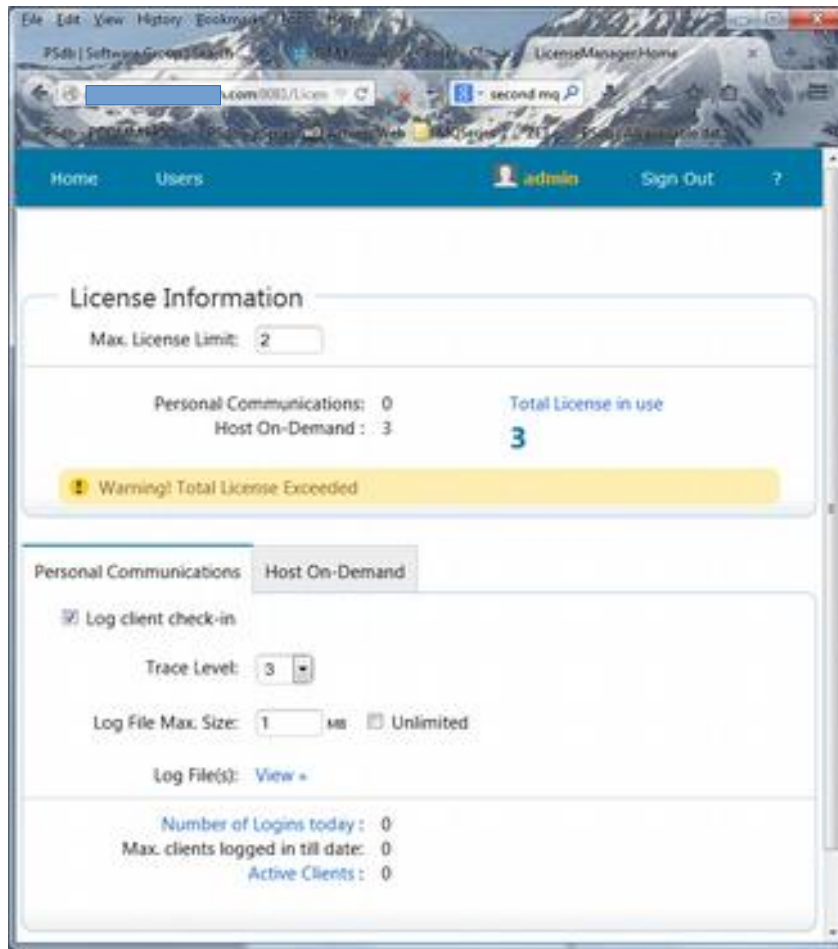
View the list of log file(s) of the corresponding client.

Click See Help Page (?) for additional informations.

DATE	IP ADDRESS	SYSTEM USER NAME	CLIENT	SUB-CLIENT TYPE	MAC ADDRESS	MACHINE NAME	STATUS
27/01/2015 10:38:44 AM	9.1	Administrator	PCOM	pcomm	44-37-E6-AA-F5-5B		ACTIVE
27/01/2015 10:43:44 AM	9.1	Administrator	PCOM	pcomm	44-37-E6-AA-F5-5B		ACTIVE
27/01/2015 10:48:44 AM	9.1	Administrator	PCOM	pcomm	44-37-E6-AA-F5-5B		ACTIVE
27/01/2015 10:53:44 AM	9.1	Administrator	PCOM	pcomm	44-37-E6-AA-F5-5B		ACTIVE
27/01/2015 10:58:44 AM	9.1	Administrator	PCOM	pcomm	44-37-E6-AA-F5-5B		ACTIVE
27/01/2015 10:59:00 AM	9.1	Administrator	PCOM	pcomm	44-37-E6-AA-F5-5B		CLOSED
23/02/2015 15:05:22 PM	9.1	Administrator	PCOM	pcomm	44-37-E6-AA-F5-5B		ACTIVE

--End of log--

If the license count is exceeded the following message appears:



Personal Communications

Add the following parameter values to pcswin.ini file, typically located at C:\Users\IBM_ADMIN\AppData\Roaming\IBM\PersonalCommunications.

URL: License Logger URL – appserver/LicenseManager/LicenseLogger

Interval: Logging request interval (in mins) after which server marks the client as timeout if the request is not sent.

Example:

URL=http://<server-address>:<server-port>/LicenseManager/LicenseLogger

Interval=5

Host On-Demand

For all the type of HOD clients viz. Cached Client, Download Client and Webstart client, the following parameters should be added to config.properties located at HOD publish directory on the machine where HOD server is installed.

licenseserverurl: License Logger URL - appserver/LicenseManager/LicenseLogger

timeout: Logging request interval (in minutes) after which server marks the client as timeout if the request is not sent.

Example:

licenseserverurl=http://<server-address>:<server-port>/LicenseManager/LicenseLogger

timeout=5

For WCT client pages, the same parameters should be added as HTML parameters.

HOD based HACL applications

For HACL applications, developers can set License server URL and timeout values as following session parameters.

Session.LICENSE_SERVER_URL

Session.LICENSE_SERVER_TIME_OUT