

# Collaborative Systems Engineering

– RX9 – CD9 – CS9 – RM9 –



## License Use Management – V1

BPA Delivery 6 for V5R19 (V5.6)

# Modification Tracking

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Version	Date	Done by	Modification
	19 Nov 2008	CBZ	Document creation
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# 1. Introduction

The Collaborative System Engineering solution (CSE), including Composite Document Generation (CD9), are using License Use Management Runtime (LUM).

LUM is part of IBM License Use Management, a combination of tools for software asset protection.

The previous licensing management is no longer used and no automatic migration is performed.

See the "Administering License Use Management Runtime" section of the LUM documentation for information about how to use LUM, such as:

- \* Starting the basic license tool
- \* Performing basic administrator tasks
- \* Managing the licensed product
- \* Enrolling the product (information that is covered at the beginning of this section)
- \* Distributing licenses (a key part of the administration process)
- \* Generating reports

## 1.1. Related Documentation

- ENOVIA SmarTeam – V5R18 Hardware and Software Requirements
- ENOVIA SmarTeam – License Use Management Installation and Configuration Guide

## 1.2. Definitions

### Glossary

Acronym	Definition
BPA	Business Process Accelerator
CSE	Collaborative System Engineering
CD9	Composite Document Generation
CS9	Collaborative Systems Management and Trceability
RM9	Requirement Management
RX9	Requirement XML Edition

Table 1 - Acronyms

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## 2. Installation

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### Information

#### Software Requirements:

- The license server should have LUM 4.6.8.3 or above installed.

### Request LUM licenses for CSE solution

Three configurations are available:

- CP9, allowing the entire CSE solution including Composite Document Generation (CD9).
- CE9, allowing CSE solution including CD9 but Requirement XML edition (RX9)
- CD9, allowing only CD9.

#### To ask a license, the following information must be provided:

- Product Name: This is the BPA trigram.
- License Type: nodelock or concurrent.
- Number of License: 1 for nodelock , >0 for Concurrent
- LUM targetID: Provide the target id (run i4target in a DOS window)
  - On Client side for Nodelock
  - On Server side for Concurrent

#### On receiving the license:

- For Nodelock type of license
  - Modify/ Create Nodelock file by inserting necessary information (VendorID, ProductPassword ) - See Appendix A
- For Concurrent type of license
  - Enroll the license on the LUM server - See Appendix B

### 2.1. *Appendix A : Creating a Nodelock file*

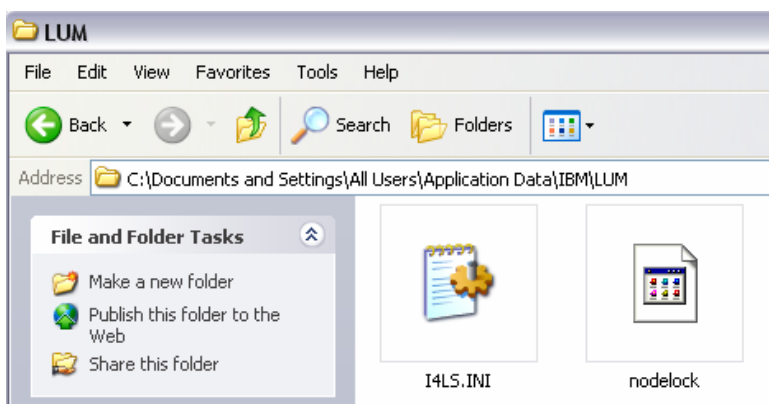
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#### Nodelock file : how to proceed:

You should input yourself the parameters of your License into the nodelock file (create it if doesn't *exist*)

- This file is located in C:\Documents and Settings\All Users\Application Data\IBM\LUM\nodelock
- You should extract from the .lic file the following informations :
  - VendorID (looks like an UUID)
  - ProductPassword (a crypted key)
  - ProductAnnotation (should be unset)
  - ProductVersion (should be set to 1)
- And insert them in nodelock file by respecting the order
  - *# comment : put your BPA trigram and its range date*
  - *vendorID ProductPassword "ProductAnnotation" "ProductVersion"*

Example :



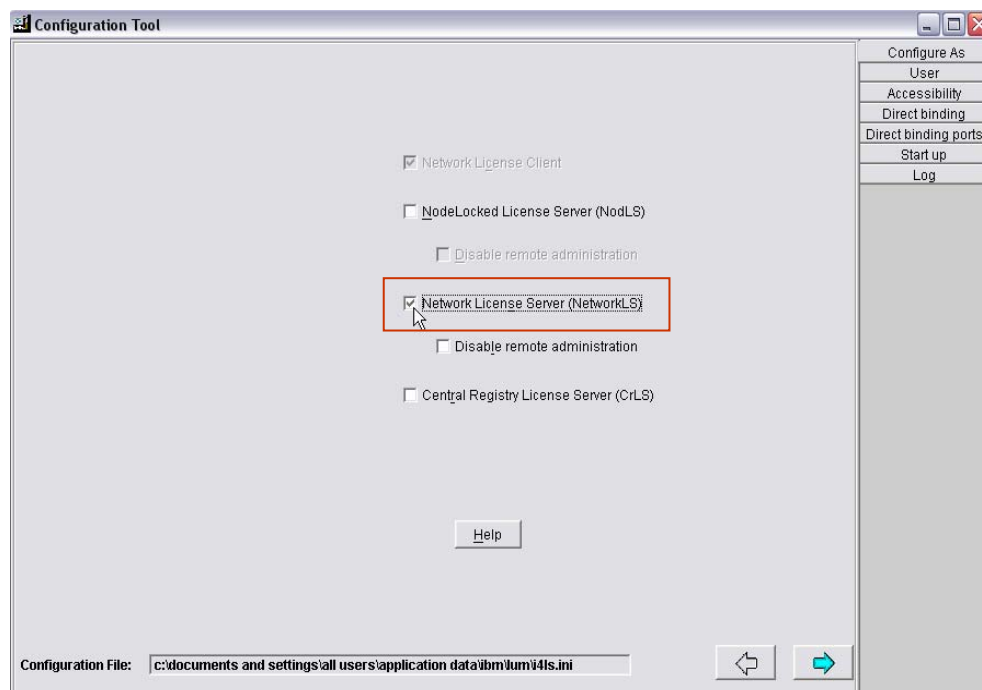
```
# CP9 from 15-Jul-08 to 14-Jul-09
c6c8ef44bcb7.4a.74.95.13.1f.00.00.00 r8ezikjzgsvk9fzf7fe3p2gn3eaa "" "1"
```

## 2.2. Appendix B : Enrolling a Concurrent license on the Network license server

Setting up the Network License server:

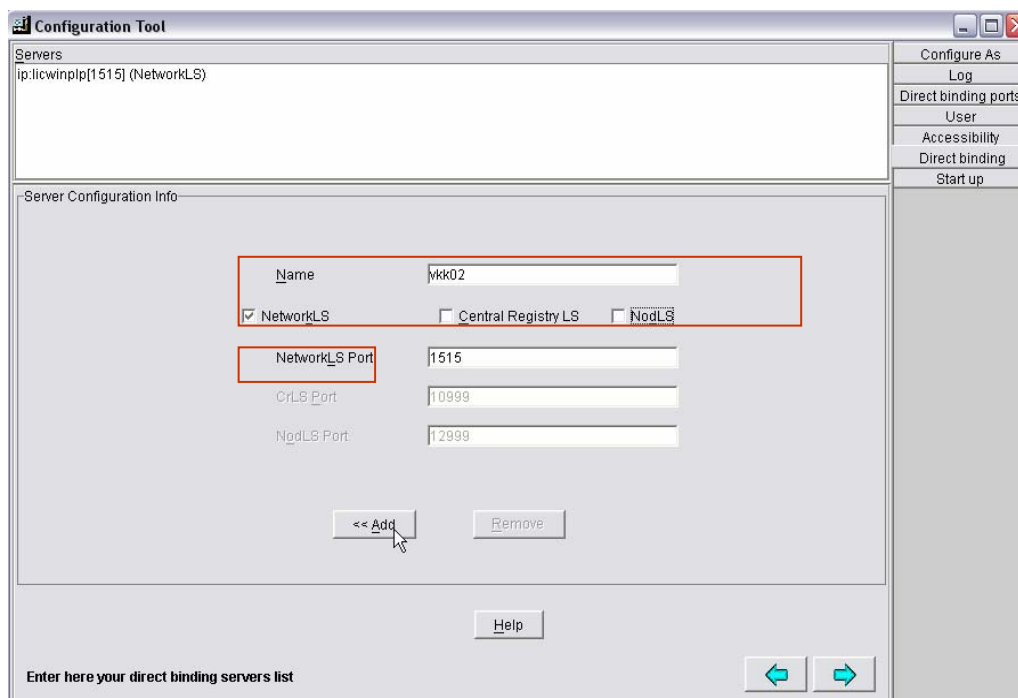
Start > Programs > License Use Runtime > Configuration tool

- Stop the service if needed using the Service Manager Tool.
- Ensure that the option for Network License Server is selected

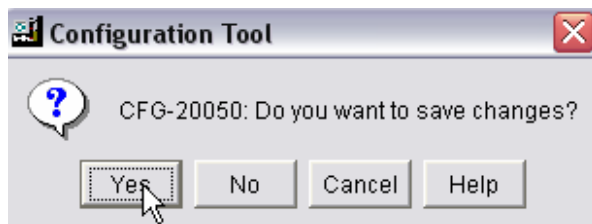




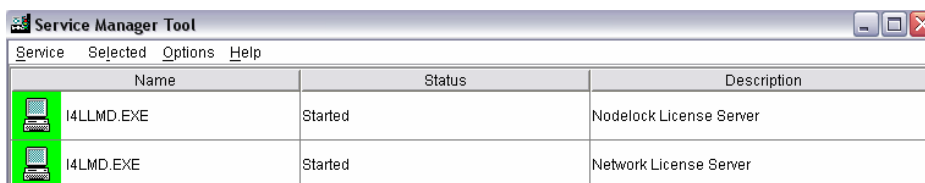
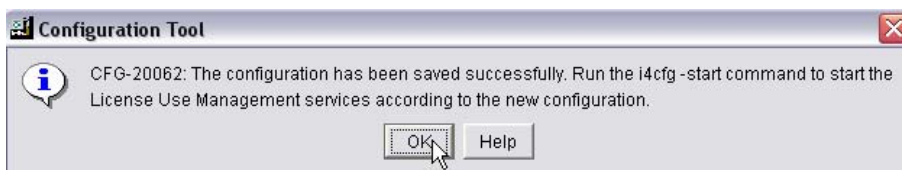
- Switch to the Direct Binding tab.
- In the Name field enter the machine name
- Check the box for NetworkLS and click on Add button



- Close the Configuration Tool window and validate accepting the changes



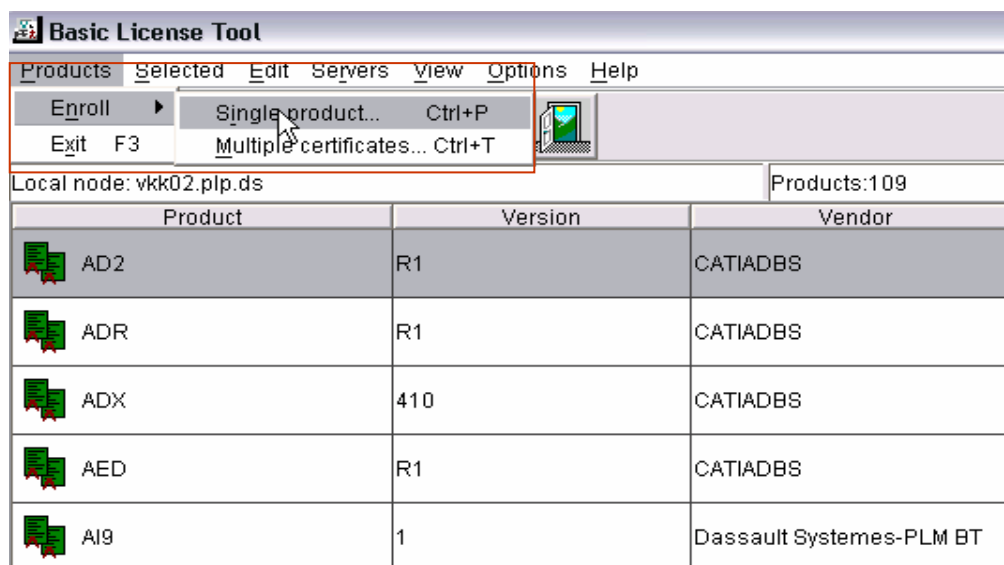
- Pass the message to restart the service (if previously it was stopped)



## Enrolling the Concurrent License

Start > Programs > License Use Runtime > Basic License Tool

- Select Product / Enroll/ ....
  - Choose Single or Multiple depending on whether you want to enroll a single or multiple licenses at a time.



- Click on Import button

