Compiere

Compiere 3.2 Installation Instructions Linux System - Oracle Database

Compiere Learning Services Division

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Compiere 3.2 - Installation Instructions – Oracle

Prerequisites

- Database approved Linux Operating System
- Disk Space: > 5 GB (includes database)
- Swap Space: > 1GB
- Recommended: Hardware RAID 10
- Memory: > 512 MB Recommended: > 1 GB
- TCP/IP connection
- Packages: glibc 2.3.2 and libaio 0.3.96
- Web browser that supports JavaScript and the HTML 4.0 and CSS 1.0 standards

Note: It will ease the installation tremendously, if you have your network set up with **DNS** server and a domain (actually a must for non-Windows environments). Check with your system administrator - do NOT use IP addresses, but names!

1. Install Database



2. Install Java



Java SDK

3. Download Compiere



4. Setup Compiere RUN_setup



5. Complete Server Setup RUN Server2



Database Installation

- Install Database this document will use Oracle XE. While Oracle XE is free to use without any license fee, it is your responsibility to ensure you have the appropriate version and licenses. For any other Oracle Edition (Standard One, Standard, Enterprise) please see the appropriate Oracle documentation.
 - Get the Oracle Database XE, Oracle 10g R2, or Oracle 11g (Universal) for Linux x86 package file from the installation CDs or download the images from the Oracle site (<u>http://www.oracle.com/technology/software/products/database/xe/i</u> <u>ndex.html</u>) Make sure download the Universal version.
 - 2) Log on with root permissions
 - 3) For Linux operating systems that use Debian execute dpkg –i oracle-xe-univ-10.2.0.1-1.0.i386.deb For all other supported Linux operating systems rpm –ivh oracle-xe-univ-10.2.0.1-1.0.i386.rpm

4) Run the command /etc/init.d/oracle-xe configure.

- 5) Specify or accept the values for the following:
 - HTTP port
 - Listener port
 - Sys and System passwords.
- 6) Then select whether to start the database automatically when the computer starts

 Launch the Database homepage: http://host:port/apex -(i.e., http://localhost:8080/apex)



- 8) Enter a Username of SYSTEM and the Password entered in step 5.
 - Database Login Enter your database username and password. O License Agreement O Documentation O Forum Registration Username system O Discussion Forum Password ***** O Product Page Login Click here to learn here to get started javascript:popupFieldHelp('305029923184370331','3260827637048564','Close') ♥ Oracle - Mozilla Firefox <u>File Edit View Go Bookmarks Tools Help</u> 🖕 • 🏟 - 🥰 🙁 🏠 🗋 http://127.0.0.1:8080/apex/f?p=4500:1000:3969846761007582 🛛 🗸 🕼 Go 🗔 CentOS Support ORACLE Database Express Edition User: SYSTEM Object Browser Utilitie Administration

Y Application Express Login - Mozilla Firefox

CentOS Support

File Edit View Go Bookmarks Tools Help

ORACLE' Database Express Edition

🧅 - 🧼 - 🚭 🔕 😭 🗋 http://127.0.0.1:8080/apex/f?p 🔽 🕲 Go 🗔

9) The database Home Page is loaded. Hint: This confirms the Database Installation.

Done

- D X

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- 🗆 X

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Customize

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O License Agreement O Getting Started O Learn more

O Documentation O Forum Registration O Discussion Forum O Product Page

Storage: 890MB 50%

Sessions: 9 Total 1 Active Users: 12 Internal 2 Database

Memory: 193MB 0% 50%

Logout Help

100%

100%

Compiere 3.2 New Installation Instructions

Java Installation

 Download and install <u>Sun Java JDK 6</u> (SDK), update 5 or higher. Important: The Compiere Server requires the JDK (not just JRE).

Download Compiere

- 2. Install /Setup Compiere Server (this includes the Client as well)
 - 1) Download the current version of Compiere: Download Compiere. (3.2 or higher)
 - 2) Extract the .zip file. The steps shown assume that you extract to the root directory, resulting in a COMPIERE_HOME of C:\Compiere2 in Windows or \Compiere2 in Linux.
 - 3) Verify that the bin directory for your database executables is included in the PATH. Also, if using Oracle XE on Linux, run \$ORACLE_HOME/bin/oracle_env.sh
 - 4) Execute the script \$COMPIERE_HOME/RUN_Setup. *Note:* if the following window does not display, please ensure that the following are updated.
 - Add the folder where you have installed JDK 1.6 at the beginning of the **PATH** system environment variable.
 - Set the **JAVA_HOME** system variable to the location of your java installation (e.g., 'C:\Program Files\Java\jdk1.6.0_5')
 - Set the COMPIERE_HOME system variable to the path of your Compiere installation (e.g., 'C:\Compiere2')

-		Compiere Server Setup - Release 3.2.0_Beta			
5)	Select Database Type of	File Help			
	Oraciexe.	Java Home	C:\Program Files\Java\jdk1.6.0	🗲 Java VM	sun
6)	For System Password, enter	Compiere Home	c:\compiere2	彦 KeyStore Password	••••••
	the System User password specified earlier.	Application Server	lap-js-new	Server Type	jboss 🗸
		Deployment	c:\compiere2\jboss\server\con 🗌	JNP Port	1099
7)	For Database Password, enter 'compiere.'	Web Port	80	SSL	443
^)		Database Server	lap-js-new	Database Type	oracleXE 🗨
8)	For Server Names, i.e., (Application, Database and	Database Name	xe	Database Search	xe
	Mail) use the DNS name of	Database Port	1521	System Password	•••••
	the server. <i>Hint:</i> Do not use localhost (127.0.0.1) or IP	Database User	compiere	Database Password	•••••
	address	Mail Server	lap-js-new	Admin EMail	info@lap-js-new
9)	Enter or update the	Mail User	info	Mail Password	
	Parameters as necessary.	💥 Test		?	Save
10)	Select the Help button, for information on any field.				

- 11) Select the Test button to check the parameters. The parameters will save once verified.
- 12) If an entry is unverifiable, it will display with a red X. Correct the entry and reselect Test/Save.
- 13) Once all fields are verified, click the Save button to proceed.

C Compiere Server	Setup - Release 3.2.0_Beta		
Java Home	C:\Program Files\Java\jdk1.6.d	😅 Java VM	sun 🗸
Compiere Home	c:\compiere2	📕 KeyStore Password	••••••
Application Server	lap-is-new	Server Type	iboss 🗸
Deployment	c:\compiere2\jboss\server\con	JNP Port	1099
Web Port	80	 SSL	443
Database Server	lap-js-new	Database Type	oracleXE 🗸
Database Name	xe		xe
Database Port	1521	System Password	•••••
Database User	compiere	Database Password	••••••
Mail Server	lap-js-new	Admin EMail	info@lap-js-new
Mail User	info	Mail Password	
💥 Test			Save
Ok			

14) At the prompt enter your company information as appropriate and verify that the common name is the address of your application server. Once all fields are complete, click ok to continue.

CKey Store Dialog	×
(ON) Common Name	ap-fr.compiere.org
(OU) Organization Unit	OUnit
(O) Organization	CompiereUser
(L) Locale/Town	MyTown
(S) State	
(C) Country (2 Char)	US
	× <

- 15) Next, read and accept the license agreement.
 - *Note:* You might get more than one license agreement, depending on the components that you are installing.

Sompiere - License Agreement	4
COMPIERE PUBLIC LICENSE	10000000
Version 1.3	
Contact Compiere for licensing alternatives.	
Preamble	
BY INSTALLING OR USING THE SOFTWARE PROVIDED TO YOU BY COMPIERE, INC. ("SOFTWARE"), YOU ARE AGREEING ON BEHALF OF YOURSELF OR THE ENTITY LICENSING THE SOFTWARE ("CUSTOMER") THAT CUSTOMER WILL BE BOUND BY AND IS BECOMING A PARTY TO THE LICENSE AGREEMENTS REFERRED TO HEREIN AND THAT YOU HAVE THE AUTHORITY TO BIND THE ENTITY LICENSING THE SOFTWARE. IF CUSTOMER DOES NOT AGREE TO ALL OF THE TERMS OF THE REFERENCED LICENSE AGREEMENTS, DO NOT INSTALL THE SOFTWARE. CUSTOMER HAS NOT BECOME A LICENSEE OF, AND IS NOT AUTHORIZED TO USE THE SOFTWARE UNLESS AND UNTIL IT HAS AGREED TO BE BOUND BY THE TERMS OF THE LICENSE AGREEMENTS REFERED TO HEREIN. THE "EFFECTIVE DATE" FOR THIS AGREEMENT SHALL BE THE DAY CUSTOMER INSTALLS THE SOFTWARE. THE SOFTWARE is licensed under the GNU General Public License (GPL), Version 2, except that certain software packaged with the Software (the	•

16) A default security key will be generated, click 'Ok' to proceed.



17) The Next step is to provide the Subscriber Information. Current customers should provide the subscriber information (**System Name, Email and Password**) exactly as it was registered in the Compiere Web Store to get a complete list of applications.

Click Check Available Applications to get a list of applications that are available to be installed.

Tip: Community Edition users may leave the fields blank and click "Check available components" to install the Community Edition.

C Compiere Server Se	etup - Release 3.2.0_Beta		
File Help			
Subscriber Informatio	n		
Syster	n Name compiere		
Registere	ed EMail js@compiere.com	Password ••••••	•
Che	ck available Applications		
Select Applications	Application	1	Action
Install:0_Migrate:0.of.0			
instanto, wigrate.o or o			
Add Application			
			× /
Check available Applic	ations		

- 18) Click Check Available Applications to get a list of applications that are available to be installed.
- 19) Select the applications that you would like to install. You can include additional applications by using the button Add Application.

By default all available applications will be installed. If you do not wish to install one of them you should change the action field from "New Install" to "-None-". Notice that Compiere Core is a *Mandatory Prerequisite* and must be selected.

Select the OK button to continue.

C Compiere Server Se	tup - Release 3.2.0_Beta		
File Help			
Subscriber Information	1		
System	n Name compiere		
Deviateur		Deserved serves	-
Registere	u Ewaii js@compiere.com	Fassword	•
Chec	ck available Applications		
Select Applications	Applicatio	n	Action
	Compiere Standard 3.2.0 (Requires acce	epting License}	Reinstall/Migrate 💌
	Compiere End User Layer 3.2.0 (Require	es accepting License}	Reinstall/Migrate 🔻
	Compiere Manufacturing 3.2.0 (Requires	accepting License}	Reinstall/Migrate 💌
	Compiere Professional 3.2.0 (Requires a	accepting License}	Reinstall/Migrate 🔹 💌
	Compiere Warehouse Management 3.2.1	0 {Requires accepting License}	Reinstall/Midrate 🛛 🔻
	Extended Units of Measure 1.0		Reinstall/Migrate 🛛 💌
nstall:6, Migrate:6 of 6			
Add Application			
			× <
Select Applications			

20) Next, read and accept the Compiere Public License agreement. *Hint:* You might get more than one license agreement, depending on the applications that you are installing.

🔮 Compiere Standard 3.2.0 - License Agreement	×
COMPIERE PUBLIC LICENSE	• 3000000000
Version 1.5	19931
This Compiere Public License does not apply if you are subscribing to the Compiere Professional Edition or any of the Compiere Professional Edition options or if you are using an Evaluation version of the Compiere Professional Edition. If you are using an Evaluation version of the Professional Edition and you elect not to purchase the Compiere Professional Edition at the conclusion of the evaluation period then your use of the Software will be governed by the Compiere Public License after the evaluation period ends.	
Preamble	
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Do you accept the License ? 🛛 🕺 🚺 🖌 Yes, I Understand and Accep	t

21) Then read and accept the Compiere Commercial License agreement. *Hint:* You might get more than one license agreement, depending on the applications that you are installing.

🕌 Compiere End User Layer 3.2.0 - License Agreement	1
COMPIERE COMMERCIAL LICENSE	
Version 2.0	
If you have purchased a Compiere Professional Edition Subscription and/or a Subscription for any Compiere Professional Edition Option from Compiere or a Compiere Authorized Partner please review the <u>Confirmation of Previous Acceptance</u> <u>of Commercial License Terms</u> , below.	
Confirmation of Previous Acceptance of Commercial License Terms	
BY CLICKING THE "I UNDERSTAND AND ACCEPT" BOX, OR INSTALLING OR USING THE COMPIERE PROFESSIONAL EDITION OR ANY COMPIERE PROFESSIONAL EDITION OPTIONS ("THE PRODUCTS"), YOU ARE AGREEING ON BEHALF OF THE CUSTOMER THAT CUSTOMER HAS ALREADY AGREED TO THE TERMS OF THE COMMERCIAL LICENSE FOR THE PRODUCTS BY VIRTUE OF THEIR HAVING EXECUTED EITHER A COMPIERE ORDER FORM, COMPIERE ORDER CONFIRMATION FORM OR ANY OTHER DOCUMENT EXECUTED BY COMPIERE AND CUSTOMER THAT INCORPORATES THE TERMS OF THE COMPIERE COMMERCIAL LICENSE. IF CUSTOMER DOES NOT HAVE A VALID COMMERCIAL LICENSE TO USE THE PRODUCTS, DO NOT SELECT THE "I UNDERSTAND AND ACCEPT" BOX AND DO NOT INSTALL THE PRODUCTS.	
Do you accept the License ? 🛛 🕺 🚺 🖌 Yes, I Understand and Accept	

22) After accepting the license agreement the following window will display.

C Compiere Server Setup - Release 3.2.0_Beta	
File Help	
File Installation	
Start File Instal	lation
- DROP OLD and create NEW Database	-Migrate Database
Ctort DEOR OLD and exacts NEW/ Database	Ctart Migrata Datahasa
DROP OLD and create NEW Database	Migrate Database
DROF OLD and create NEW Database	Migrate Database
Select Option	

23) Select Start File Installation.

Important: At this point, you must be connected to the internet to continue or the installation will not succeed.

24) Once the Server install is complete, select Create New Database.

Note: If you already have a Compiere database in your system, you will be presented with a split panel after 'Start Server Install'. Click the left panel if you want to replace the existing database with the new database.

C Compiere Server Setup - Release 3.2.0_Beta		
File Help		
File Installation		
Start File Insta	allation	
20: [copy] Copying 1 file to ctcompilere2t/boostserver/compileretdeploy 20: [copy] Copying ctcompilere2t/boostserver/compileretdeploy 20: [copy] Copying ctcompilere2t/boostserver/compileretdeploy 20: [copy] Copying ctcompilere2t/boostserver/compilere2t/boostserver/compileretdeploy 20: [copy] Copying ctcompilere2t/boostserver/compilere2t/boostserver/compileretdeploy 21: setupTomcat: 22: [echo] AppsDeployment= ctcompilere2t/boostserver/compileretdeploy 23: setup: 24: BUILD SUCCESSFUL 25: Total time: 2 minutes 36 seconds 24: ** Finished		
-DROP OLD and create NEW Database	- Migrate Database	
Start DROP OLD and create NEW Database	Start Migrate Database	
DROP OLD and create NEW Database	Migrate Database	
Select Option		

25) At the prompt select 'Yes' to Drop the existing Database and create a new database.



Warning: If you choose to replace the existing database, all data in the existing database will be removed.

26) Verify that you see a '10: ** Finished' message at the end of this step. Then a new window should pop-up to do the license validation.

Compiere Server Setup - Release 3.2.0_Beta	
File Help	
File Installation	
Start File Installation	
20: [copy] Copying 1 file to c:\compiere2\jboss\server\compiere\deploy 20: [copy] Copying c:\compiere2\jboss\server\compiere\deploy 20: [copy] Copying c:\compiere2\jboss\server\compiere\deploy 20: [copy] Copying c:\compiere2\jboss\server\compiere2\jboss\server\compiere\deploy 20: [copy] Copying c:\compiere2\jboss\server\compiere\deploy 21: setupTomcat: 22: [echo] AppsDeployment= c:\compiere2\jboss\server\compiere\deploy 23: setup: 24: BUILD SUCCESSFUL 25: Total time: 2 minutes 36 seconds 24: ** Finished 4	
DROP OLD and create NEW Database	
Start DROP OLD and create NEW Database	
9: Importing table: AD_TreeNodeMM 9: Importing table: C_DocBaseType 10: Establishing table constraints 11: Creating views 10: ** Finished	
Finished	

Hint: If you only intend to use the Community Edition of Compiere 3.2, you may skip the following steps and go to the Application Server section.

Important: For customers with a valid support contract with Compiere, this is a required step to ensure that the features associated with the support level are enabled. If you are a customer and do not have a web store login, please contact your system administrator or Compiere Support first. If you are not a customer and would like to obtain a trial license for the Professional Edition, please <u>Contact Us</u> and request the files for the Professional Edition.

- 27) Provide the following information exactly as it was registered in the Compiere Web store and click Check License to validate your asset information.
 - System Name (name provided in the web store registration)
 - Registered Email (email address provided in the web store registration)
 - Password (web store password)

28) To verify your license, click the "Check License" button.

Tip: Do	not click	Start	Migration.
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Notice that internet access is required to validate the license information.

Compiere Support 3.2.0					
System Name	compiere	System Status	Evaluation		
Registered EMail	js@compiere.com	Password	•••••		
Support EMail					
Target URL	jdbc:oracle:thin:@//lap-js-new:16	Support Units	0		
Support Expires	2010-02-06 00:00:00.0	Supported Users			
	☑ Existing Support Contract	Support Level			
Source URL	file:/c:/compiere2/data/compiere.				
Source UserID		Source Password			
Compiere Standard: Licensed (pdf licensed), Expires 02/06/2010 (in 494 days), Seats: 1 (Actual: 0), Status: U Compiere Professional: Not Licensed					
Check entries and press OK to submit.					
Start Migration X Check License					

29) Review that your license information has been validated.

Compiere Support 3.2.0				
System Name	compiere	System Status	Evaluation	
Registered EMail	js@compiere.com	Password	•••••	
Support EMail				
Target URL	jdbc:oracle:thin:@//lap-js-new:15	Support Units	0	
Support Expires	2010-02-06 00:00:00.0	Supported Users		
	🗵 Existing Support Contract	Support Level		
Source URL	file:/c:/compiere2/data/compiere.			
Source UserID		Source Password		
Compiere Warehouse Management: Compliant, Expires 02/06/2010 (in 494 days), Seats: 1 (Actual: 0) Compiere Manufacturing: Compliant, Expires 02/06/2010 (in 494 days), Seats: 1 (Actual: 0) Compiere End User Layer: Compliant, Expires 02/06/2010 (in 494 days), Seats: 1 (Actual: 0)				
Compiere Warehouse Management Information updated. Compiere Manufacturing Information updated. Compiere End User Layer Information updated.				
Start Migra	ation		Check License	

30) After Compiere Professional license has been verified, click the "X" to close the window.

Note: If you get the error "You do not have an appropriate license to use this feature" when starting the web UI, then login to the server and execute utils/RUN_Support to validate again your license and restart the application server.

31) Close any additional Setup and /or Support windows.

Complete Server Setup

- 3. Start the Compiere Application Server
 - To start the JBoss based Compiere Application Server execute RUN_Server2 in the \$COMPIERE_HOME/utils directory.
 - 2) There should be no errors. Check the logs in \$COMPIERE_HOME/jboss/server/compiere/logs to verify this.
 - 3) Common problems include ports already in use
 - 17:41:09,085 ERROR [NamingService] Could not start on port 1099 java.net.BindException: Address already in use: JVM_Bind at java.net.PlainSocketImpl.socketBind(Native Method)
 - There is another program using port 1099; Stop it and restart Run_Server2 or setup Compiere to use another port in RUN_setup.Likely port conflicts:
 - 80 You have some other web server running (or you need privileges under Linux/Unix)
 - 8080 The Oracle Database uses that
 - 1099 Often used by IDEs for debugging

Start Compiere

- 4. Start the Compiere Client
 - Start the Swing client by double clicking on the Compiere shortcut in your desktop or by executing RUN_Compiere2 from the \$COMPIERE_HOME directory.

Default users and passwords for the sample Garden World application

- GardenUser/GardenUser System/System
- GardenAdmin/GardenAdmin SuperUser/System

C Compiere Login	×
Connection Defaults ?	
Compiere Professional Smart BR2 & CEM	Release 3.2.0_Beta 2008-08-30
Server lap-js-new{lap-js-new-xe#cc	ompiere} 🐻
User ID GardenAdmin	
Password	
Language English	-
© 1999-2008 Compiere ®	
	×
Not Connected	

 Alternatively, if you have access to the Professional Edition, you can launch the application from the browser by using the URL: <u>http://server:port/apps</u> (e.g. http://mycompany.com:80/apps)



Information: For additional information see the Compiere home page http://www.compiere.com.