


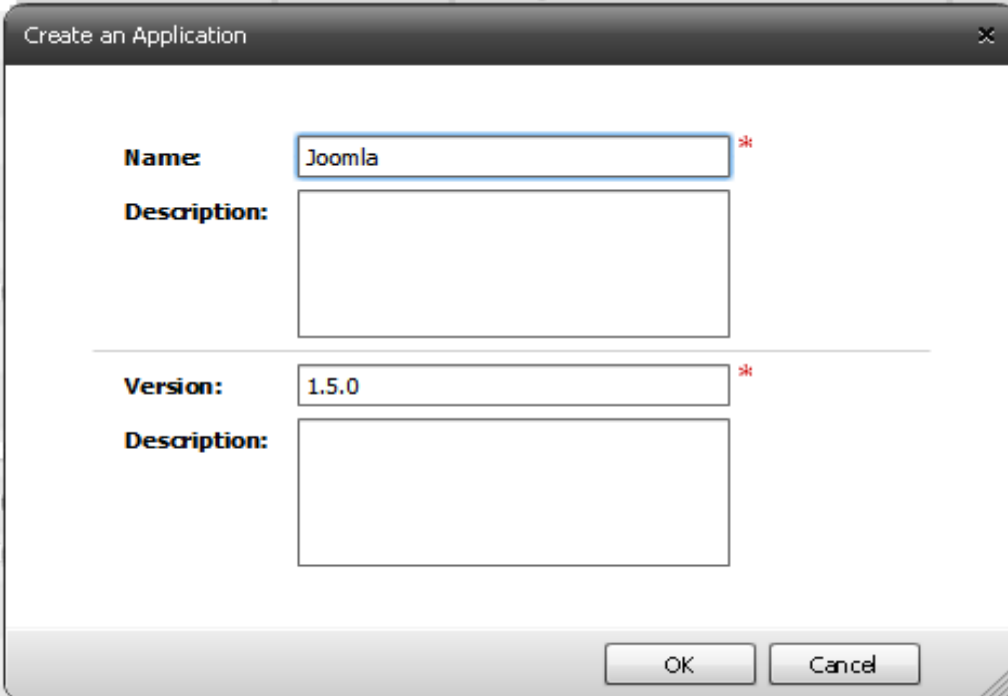
Create Joomla application using LAMP

Prerequisites

1. Install and configure VMware vFabric Application Director with vCloud Director.
2. Add Joomla as a service in the Application Director Catalog.

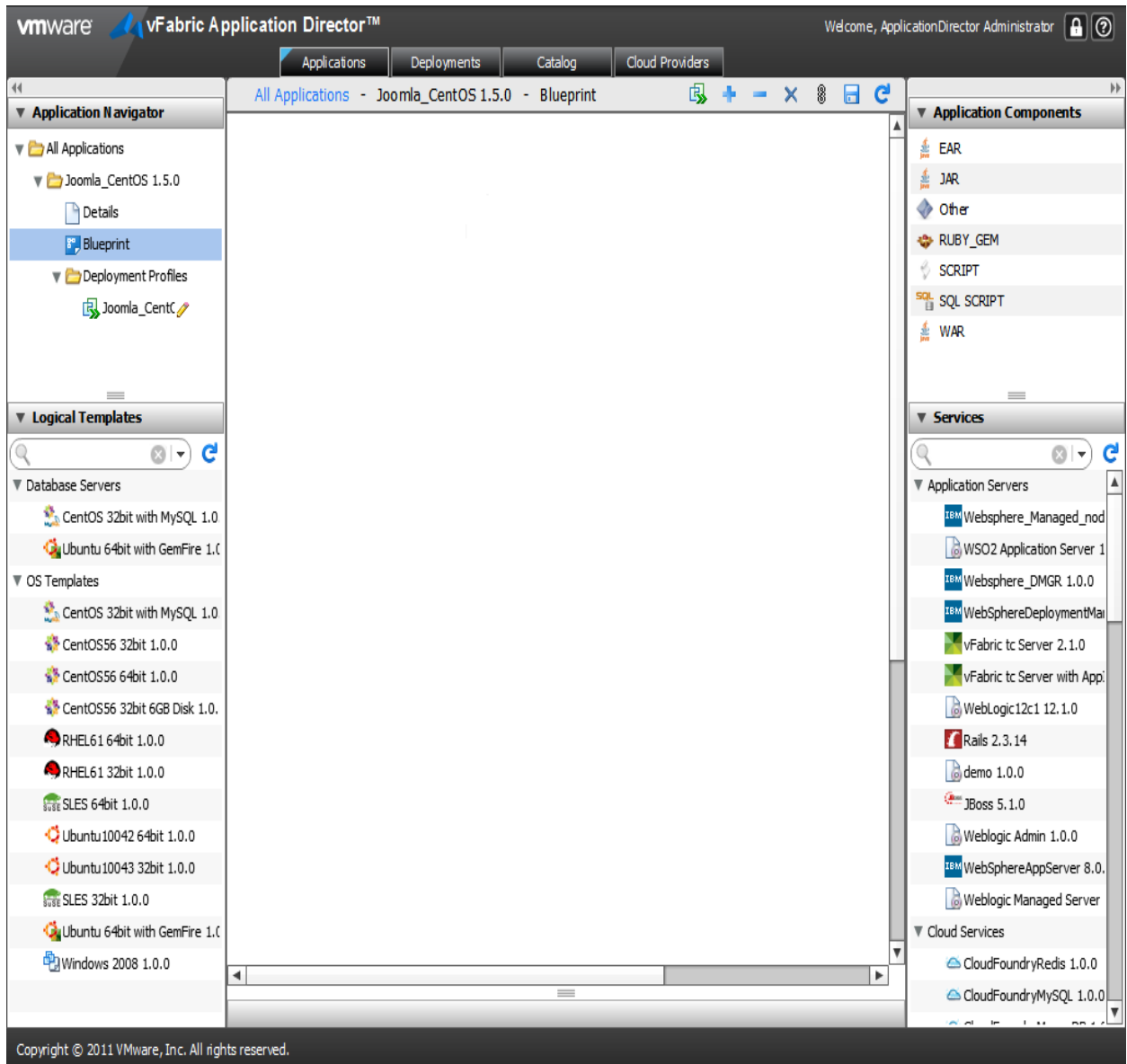
Steps

1. Login to the Application Director with a user that has application architect rights.
2. Click on **Manage Applications**. This will take you to the list view of all applications.
3. Click on  to add a new application
4. Provide the following required details
Name : Joomla
Version : 1.0.0

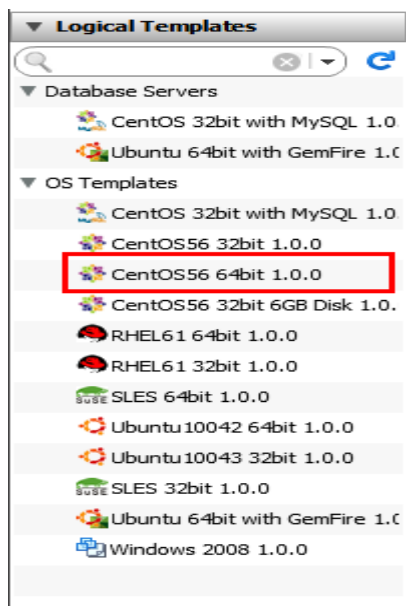


5. Click OK

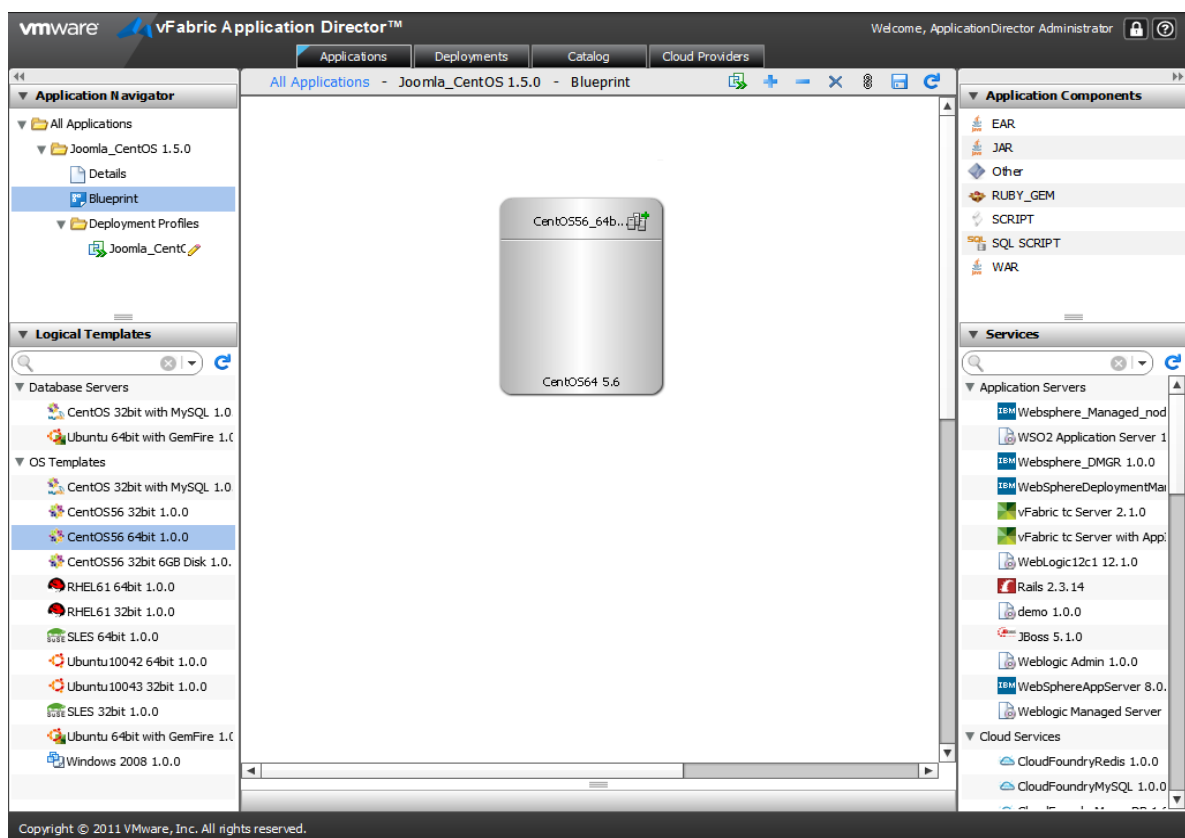
6. On successful application creation, the user will be re-directed to the blueprint editor page.
7. You will see Logical Templates on the bottom left.



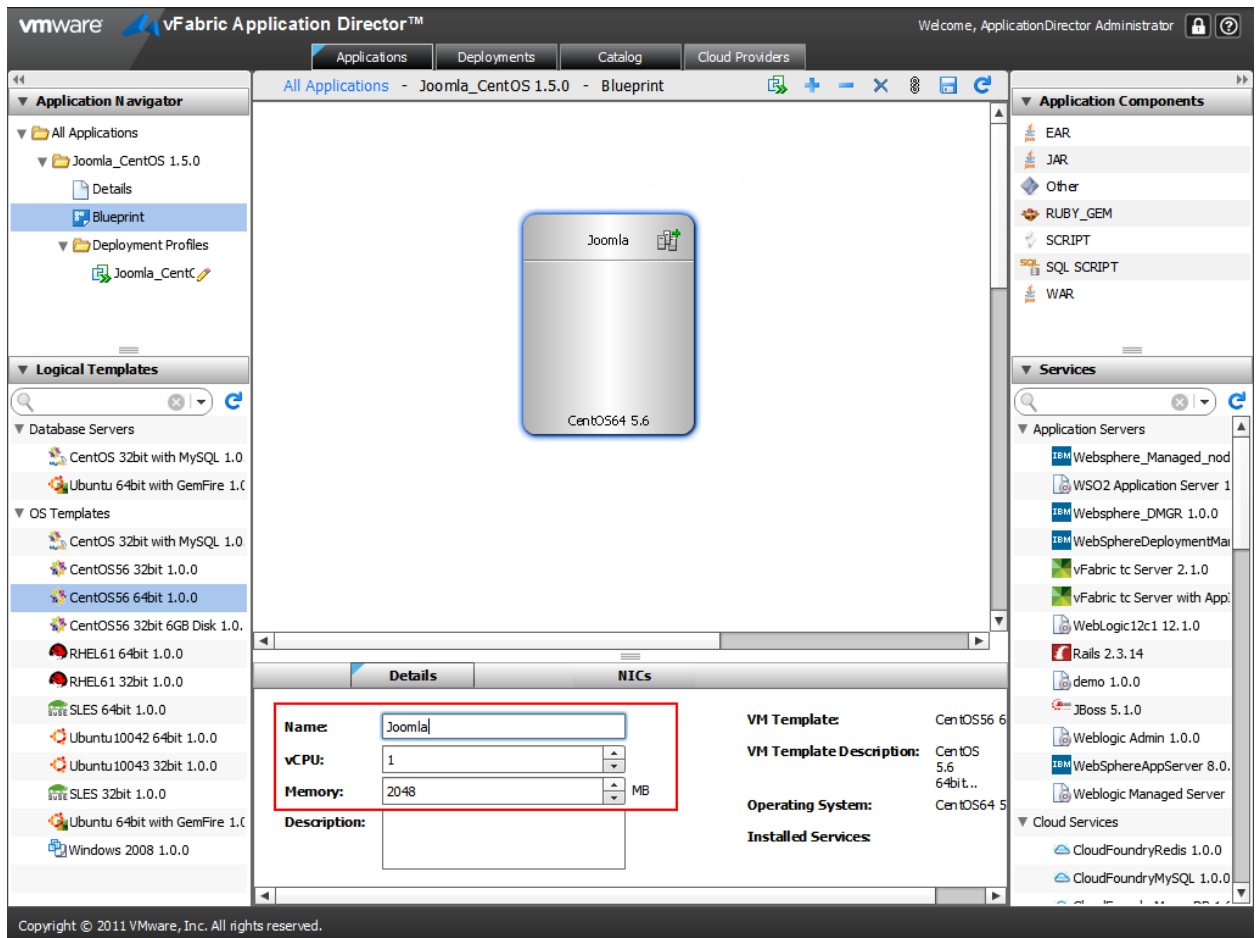
8. Drag & drop the template labeled CentOS56 64bit 1.0.0 in the central white canvas area. This templates need to have been uploaded and registered in the cloud provider.



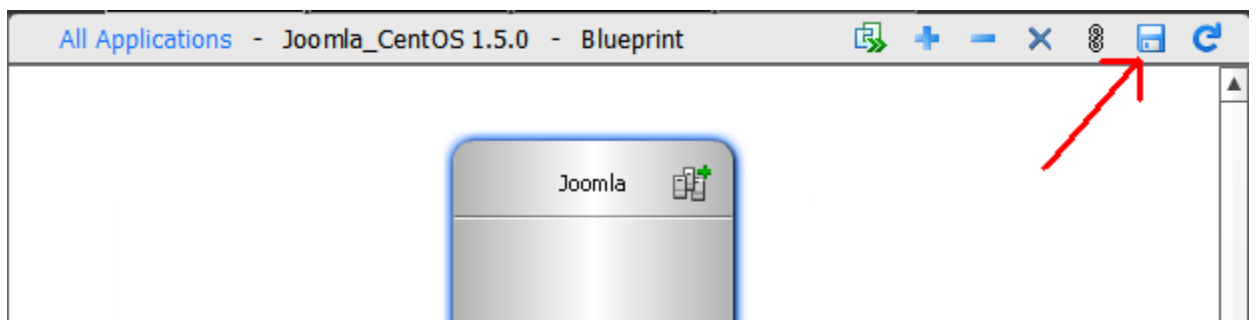
9. Now we will have a node in the canvas.



10. Select the first node. In the **Details** pane type **Joomla** in the name field, this will be the hostname for this node keep the vCPU and Memory to default which is **1** and **2048** respectively.

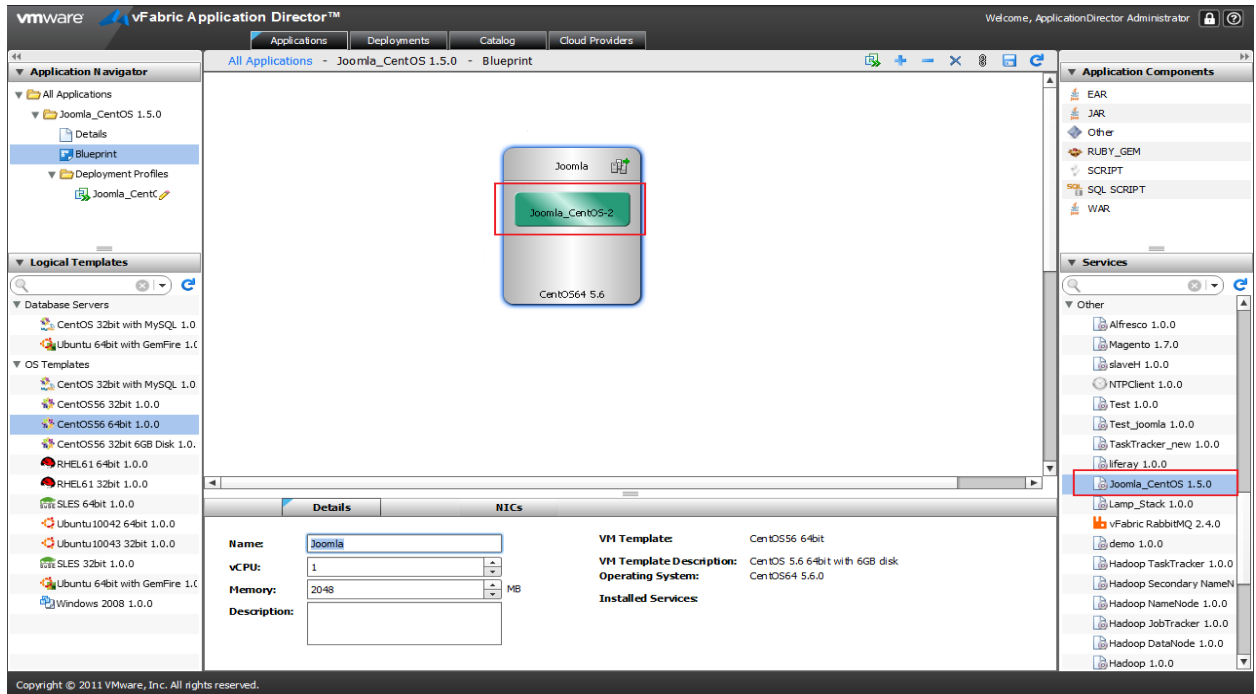


11. Save the application.

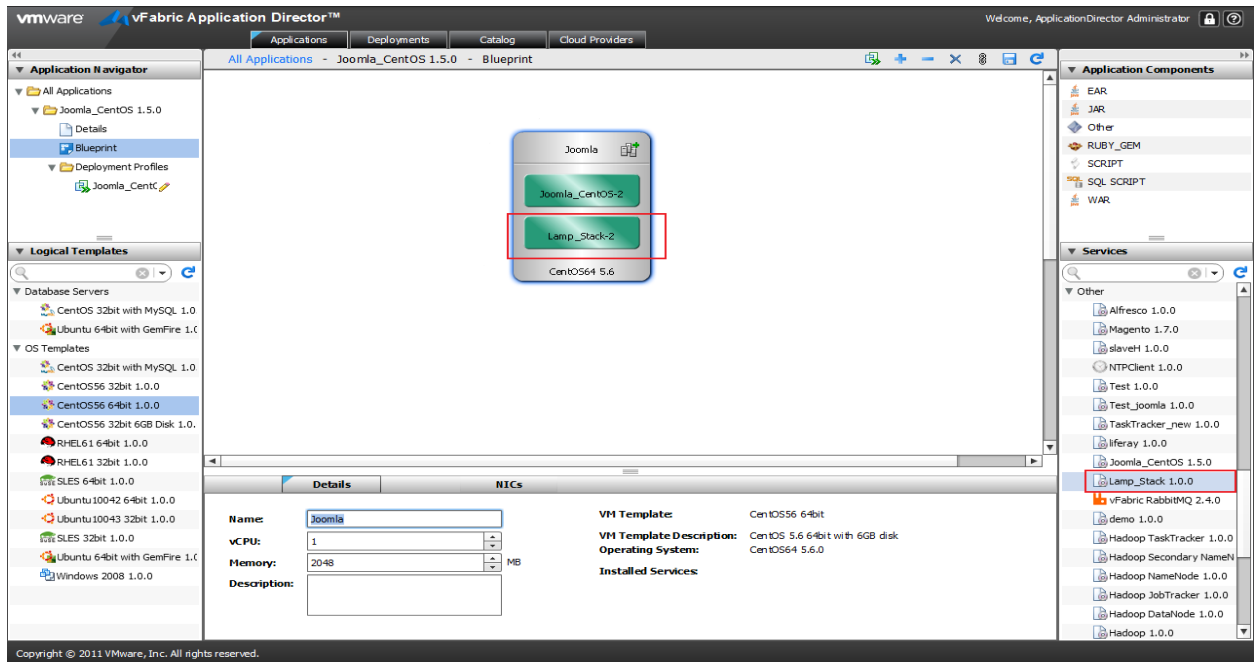


Configuring

1. From the Services panel on the bottom right, drag and drop the service labeled Joomla on the Joomla Node.

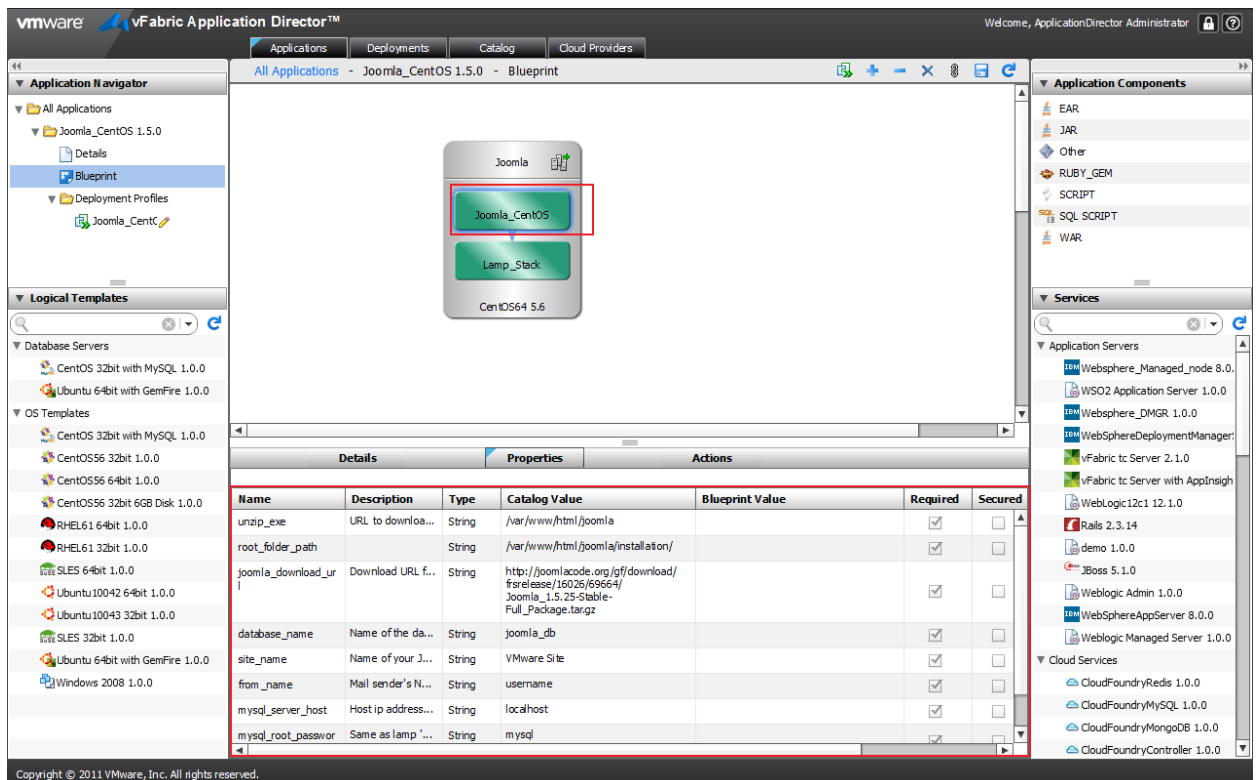











2. Now drag & drop the service for LAMP from Services Panel on the Joomla Node.



3. Save the Blueprint.

4. Click on the Joomla service and go to properties tab in the lower pane.



Details			Properties		Actions			
Name	Description	Type	Catalog Value	Blueprint Value	Required	Secured	Overridable at Deployment	
unzip_exe	URL to download ...	String	/var/www/html/joomla		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
root_folder_path		String	/var/www/html/joomla/installation/		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
joomla_download_url	Download URL for ...	String	http://joomla.org/gf/download/firstrelease/16026/69664/Joomla_1.5.25-Stable-Full_Package.tar.gz		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
database_name	Name of the datab...	String	joomla_db		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
site_name	Name of your Joo...	String	VMware Site		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
from_name	Mail sender's Name	String	username		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
mysql_server_host	Host ip address wi...	String	localhost		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
mysql_root_password	Same as lamp '...	String	mysql		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
db_prefix	Prefix for all of yo...	String	jos_		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

5. Scroll down until you see **Unzip_exe** property. Double Click this value.

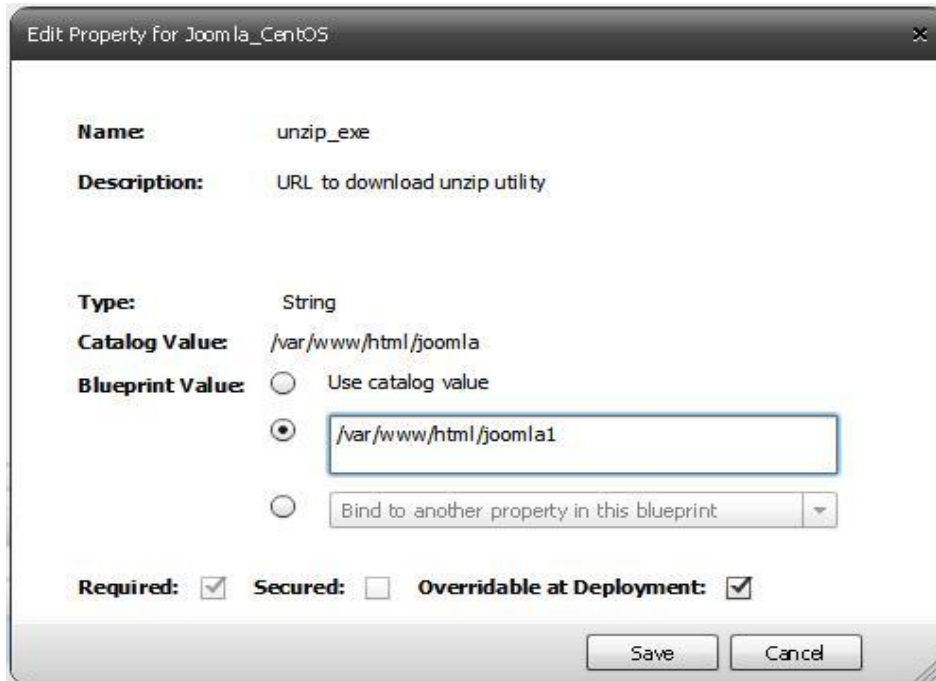
Edit Property for Joomla_CentOS

Name: unzip_exe
Description: URL to download unzip utility
Type: String
Catalog Value: /var/www/html/joomla
Blueprint Value:
☒ Use catalog value
☐
☐ Bind to another property in this blueprint

Required: ☒ **Secured:** ☐ **Overridable at Deployment:** ☒

Save Cancel

6. Click on the second radio button for using your own value and Click on Save.



Dialog box titled "Edit Property for Joomla_CentOS".

Name: unzip_exe

Description: URL to download unzip utility

Type: String

Catalog Value: /var/www/html/joomla

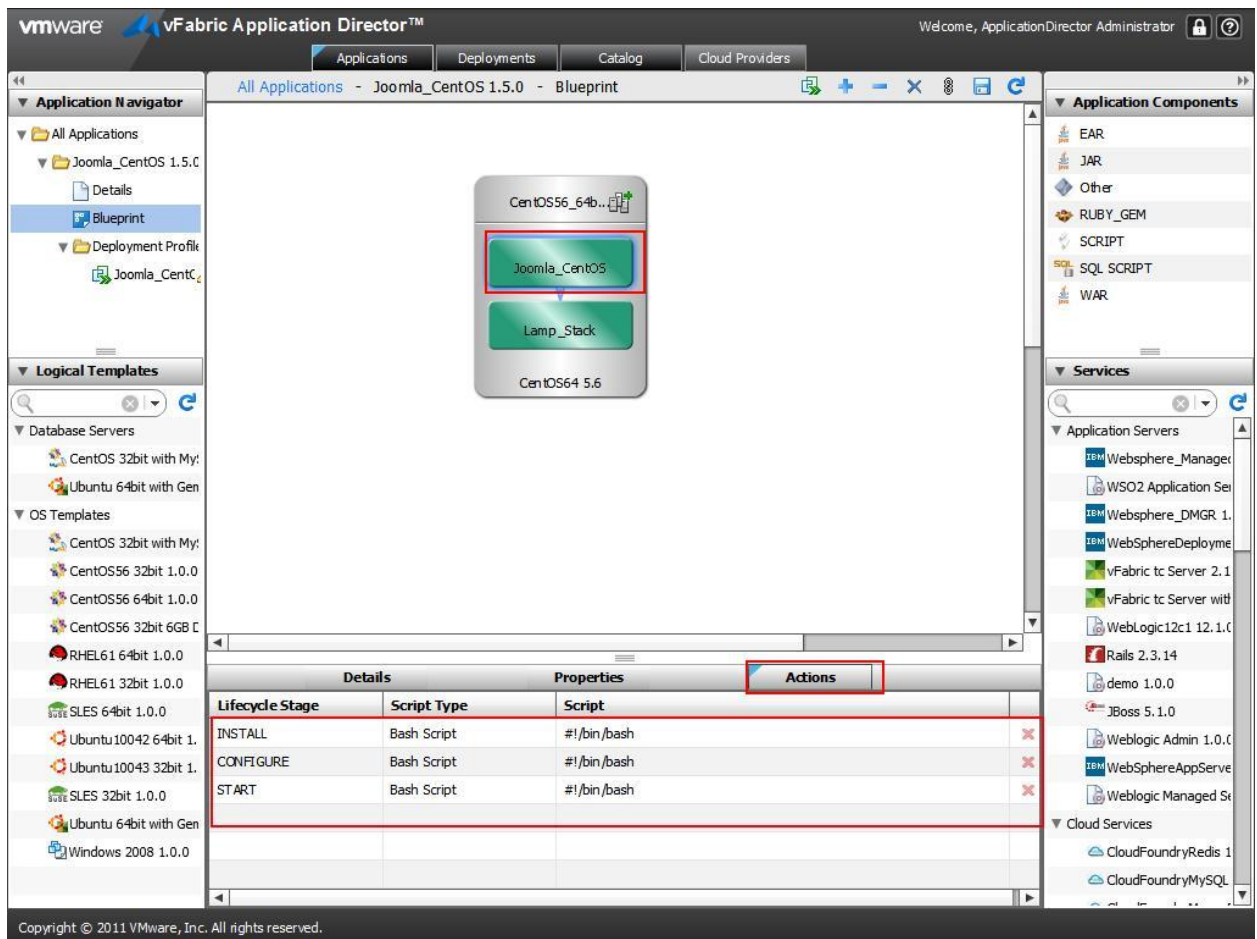
Blueprint Value:

- ☐ Use catalog value
- ☒
- ☐ Bind to another property in this blueprint

Required: ☒ **Secured:** ☐ **Overridable at Deployment:** ☒

Buttons: Save, Cancel

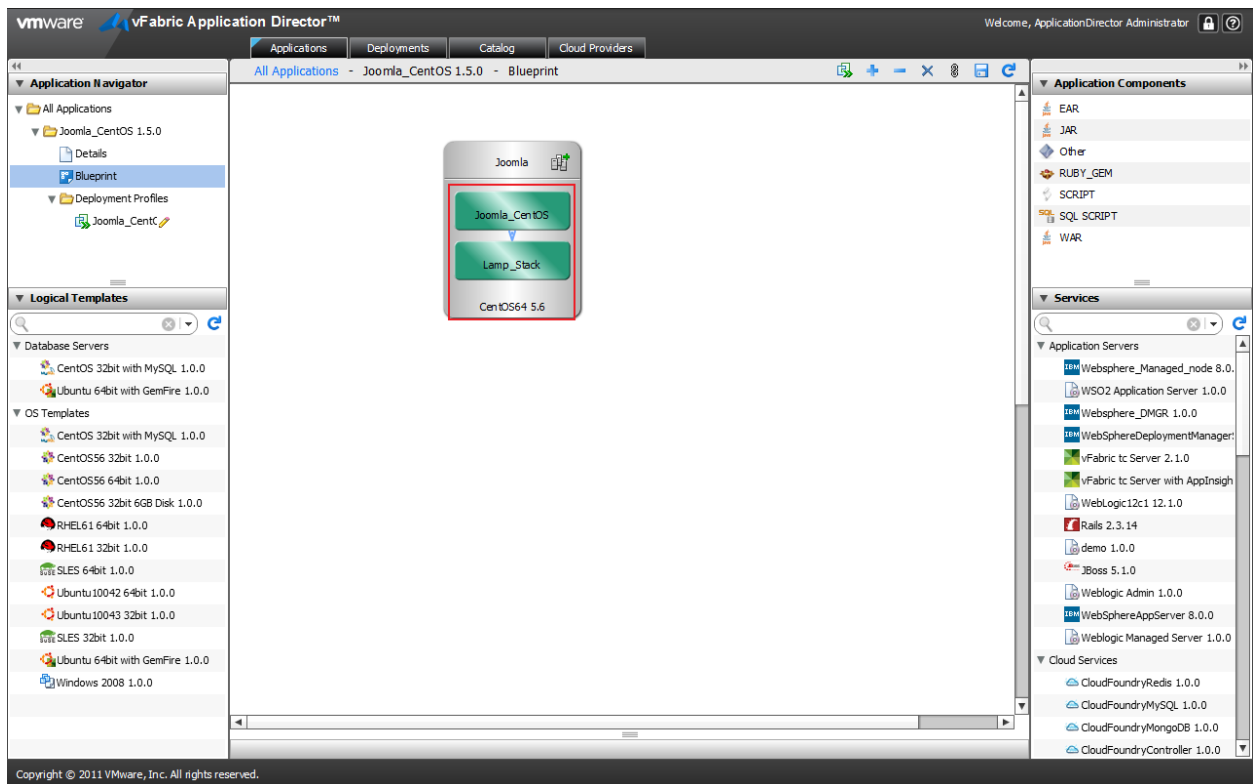
7. Click on Action tab for Joomla Service.



8. Save the Blueprint.

9. Now Link the JOOMLA SERVICE with the LAMP SERVICE. It is done in the following manner:-

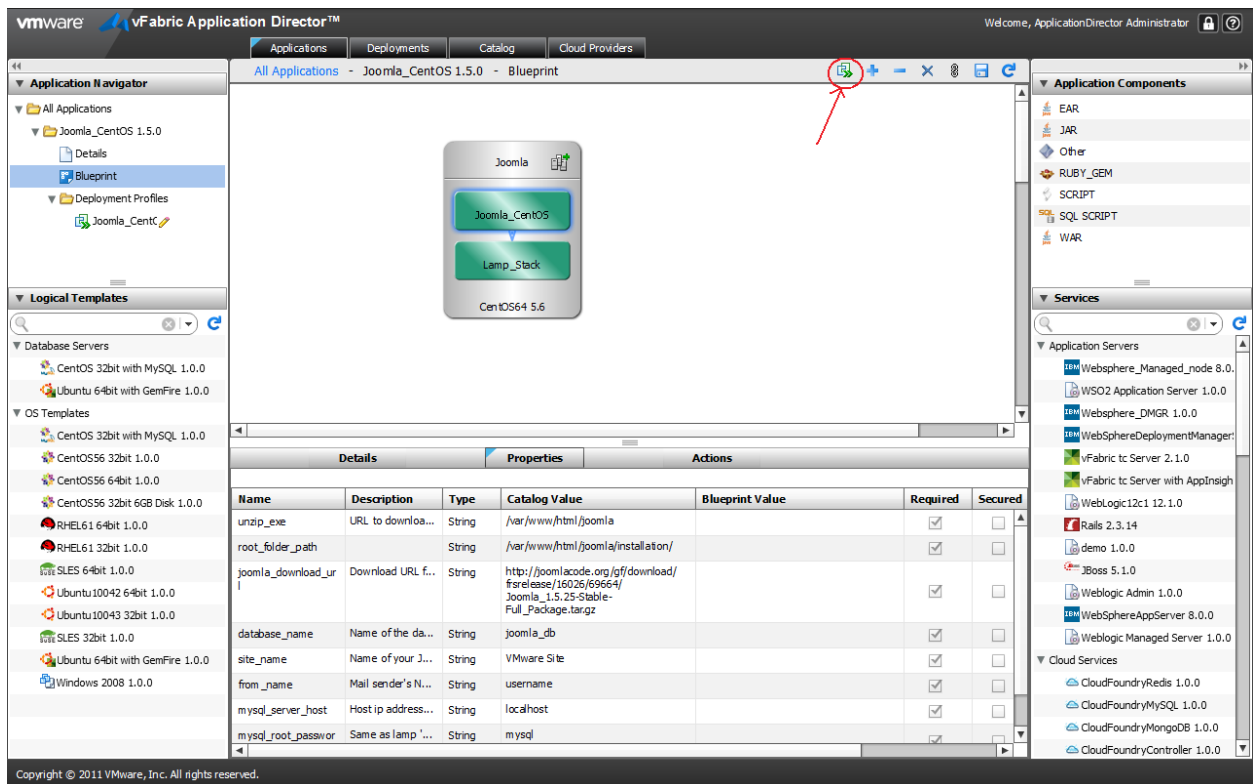
- Click on the link icon.
- Click on the Joomla Component
- Then Click on the LAMP Component. You will see a link drawn between the two.



10. Save the blueprint.
11. You should see this application in the Application list.
12. You can stop or continue to deploy the application.

Deploying the Joomla application

1. Login to the Application Director UI with the user which has the deployment rights.
2. Click on the Joomla Application in the Application List page.
3. Click on the Deploy Tab on the Blueprint page.



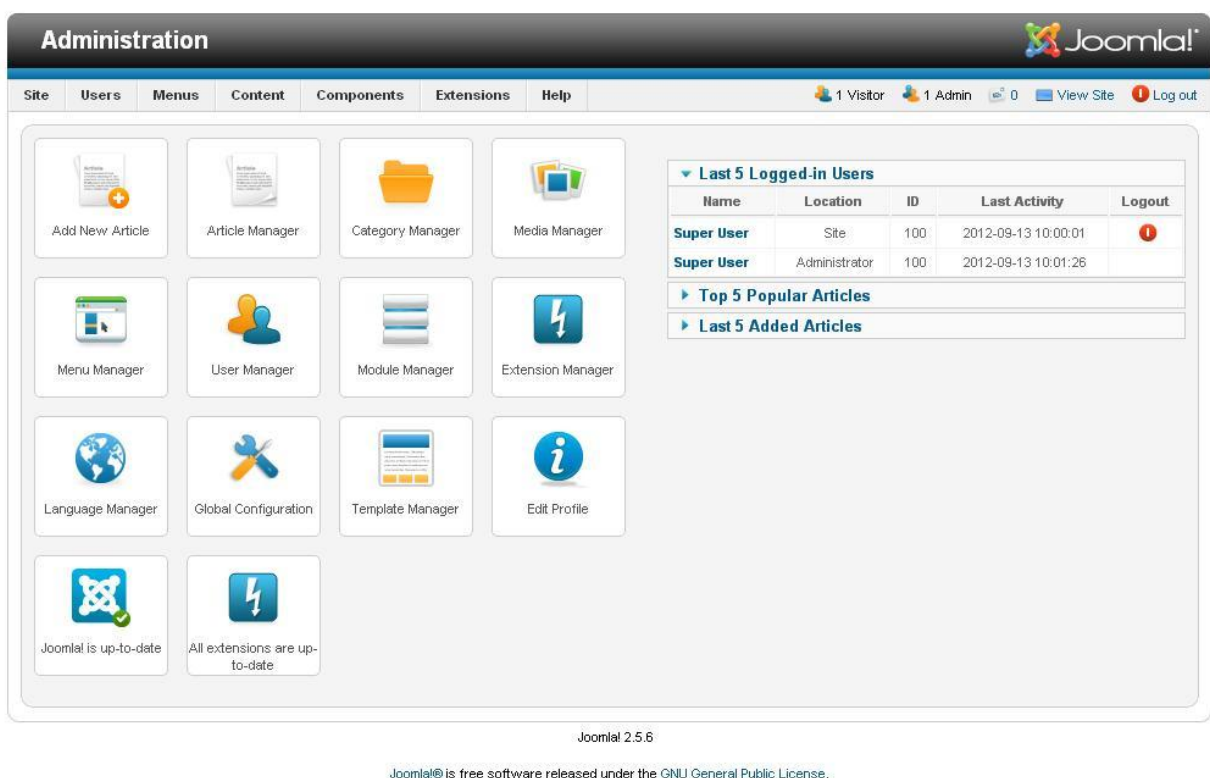
- It will bring up the deployment profile window. Enter a deployment profile called **Joomla_Application**. Click OK
- This will bring up the deploy wizard.
- Select the Radio Button for the appropriate Deployment Environment and Click on the Map Details button.
- Click Next and Next again to view the execution Plan.
- Click **Next** again and then click the **Deploy** button on the bottom button panel of the wizard.
- Wait for deployment details screen to come up. This will take a minute or so. At this time, the system is preparing to initiate the deployment.
- Click on the refresh icon and check the deployment status. Note that it says "In Progress".

Verify Smoke test passed

- Wait until the deployment status is reported as Deployed Successfully.
- Click on the **Execution plan**.
- Click on the execution plan to see green status marks on each task.

Launching the Application

1. Click on the Details Page to get the IP of the machine. You will need this IP to launch the application.
2. Go the Browser and type
3. For visiting Joomla site: http://localhost/new_joomla/index.php with default username: admin and default password: admin [on localhost]
4. For visiting Administrator section:
http://localhost/new_joomla/administrator/index.php with default username: admin and default password: admin [on localhost]
5. For configuring / handling MySQL backend support manually:
<http://localhost/phpmyadmin/index.php> with default username: root and default password: mysql [on localhost]



The screenshot shows the Joomla! 2.5.6 Administration interface. The top navigation bar includes links for Site, Users, Menus, Content, Components, Extensions, and Help. The main content area is divided into a grid of management tools and a sidebar with user and article statistics.

Administration Tools Grid:

- Add New Article
- Article Manager
- Category Manager
- Media Manager
- Menu Manager
- User Manager
- Module Manager
- Extension Manager
- Language Manager
- Global Configuration
- Template Manager
- Edit Profile
- Joomla! is up-to-date
- All extensions are up-to-date

Last 5 Logged-in Users Table:

Name	Location	ID	Last Activity	Logout
Super User	Site	100	2012-09-13 10:00:01	
Super User	Administrator	100	2012-09-13 10:01:26	

Top 5 Popular Articles
Last 5 Added Articles

Joomla! 2.5.6

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