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Create IBM_DB2 application

Prerequisites

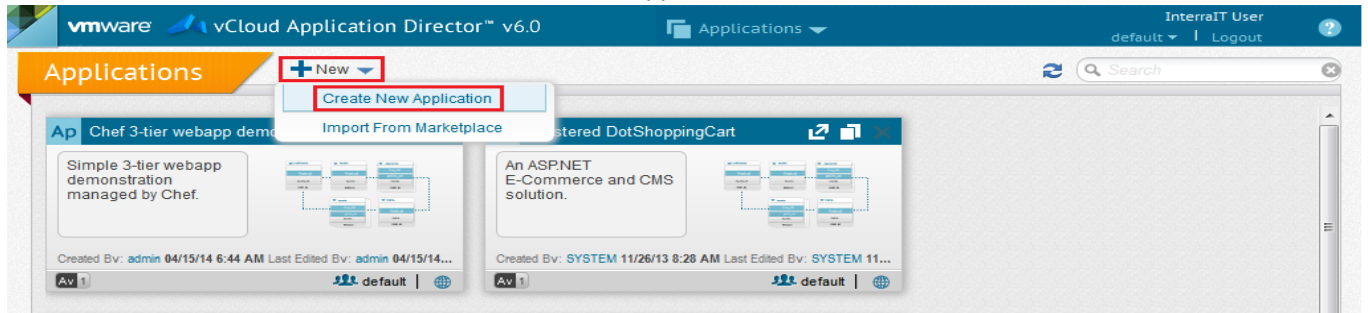
1. Install and configure VMware vFabric Application Director with vCloud Director.
2. Add **IBM_DB2** as a service in the Application Director Catalog.

Steps:

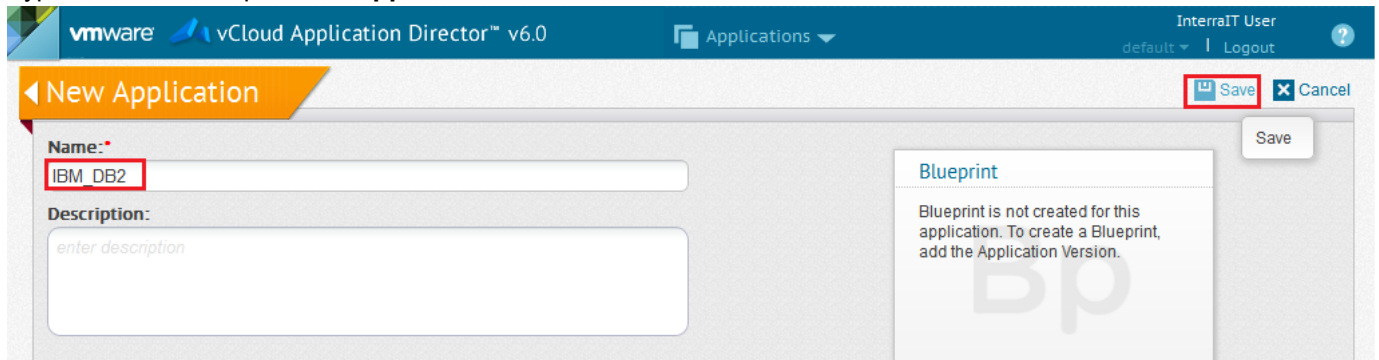
1. Login to the Application Director with a user that has application architect rights.



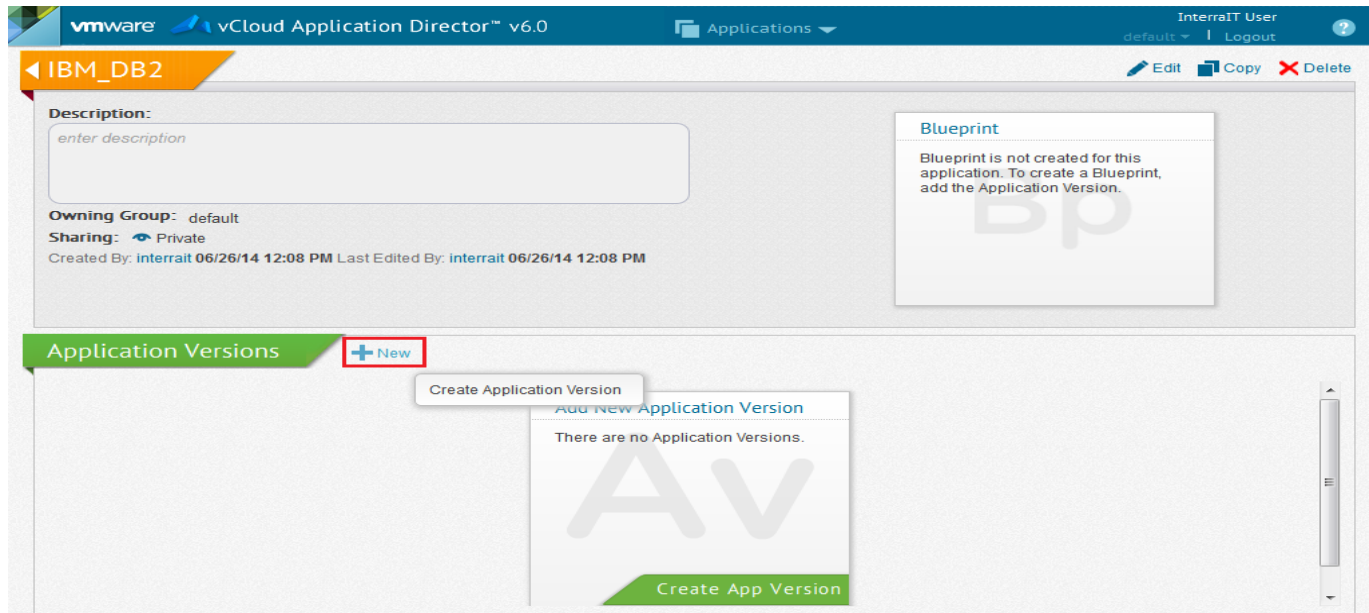
2. Now click on the “New” Link as shown to create new application for SharePoint server.



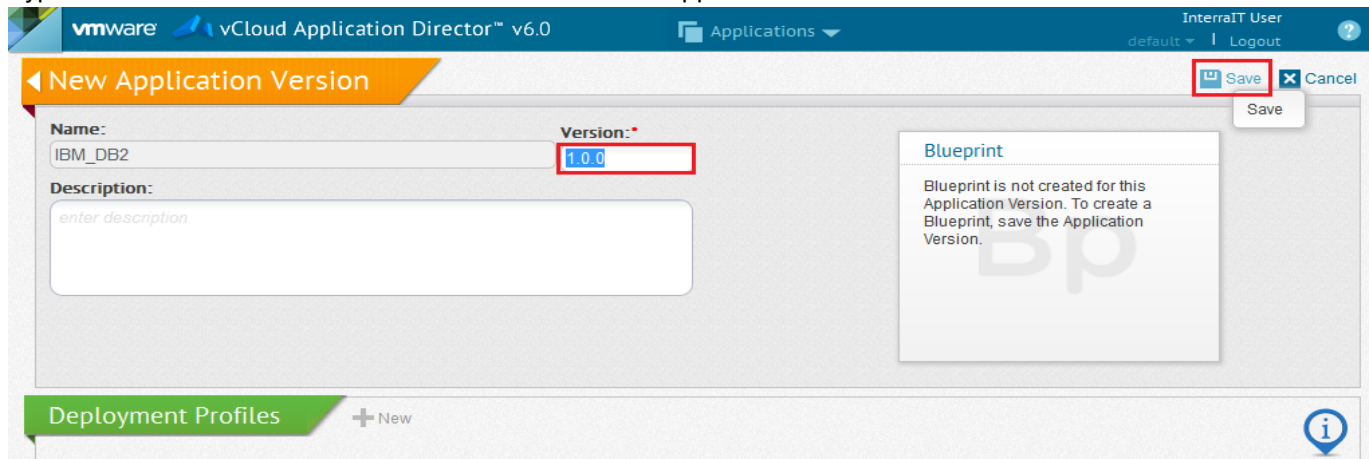
3. Type “IBM_DB2” in place of “Application Name” and then click the **save** icon



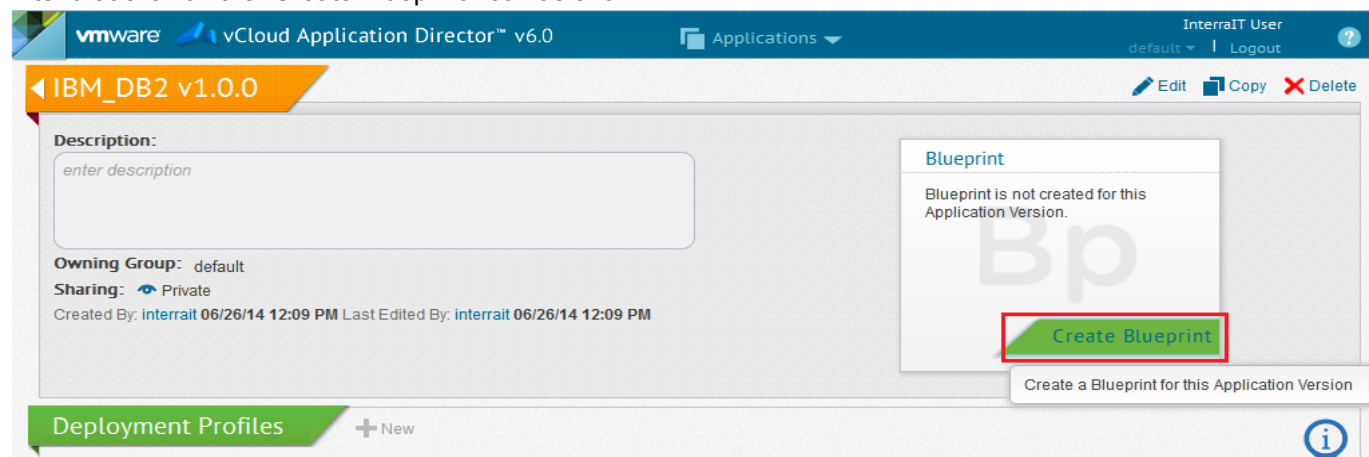
4. After Saving the application, Click on  besides the Application Versions to assign the app version as shown



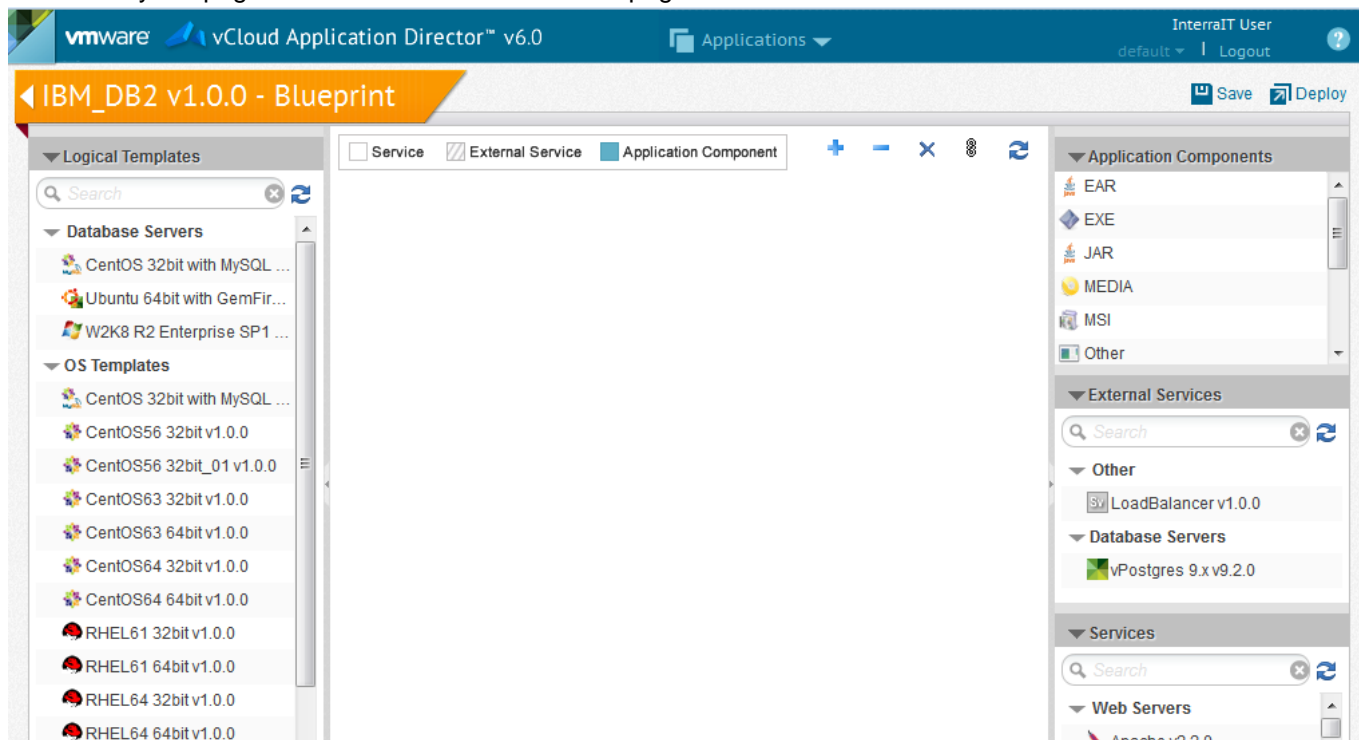
Type "1.0.0" in the text box below Version and save the application as shown below



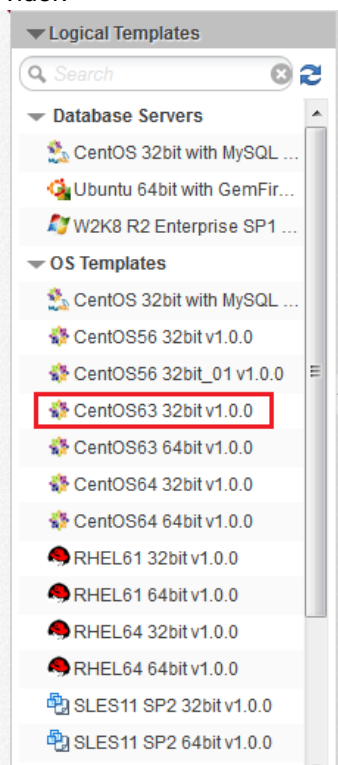
5. After that click on the "Create Blueprint" icon as shown



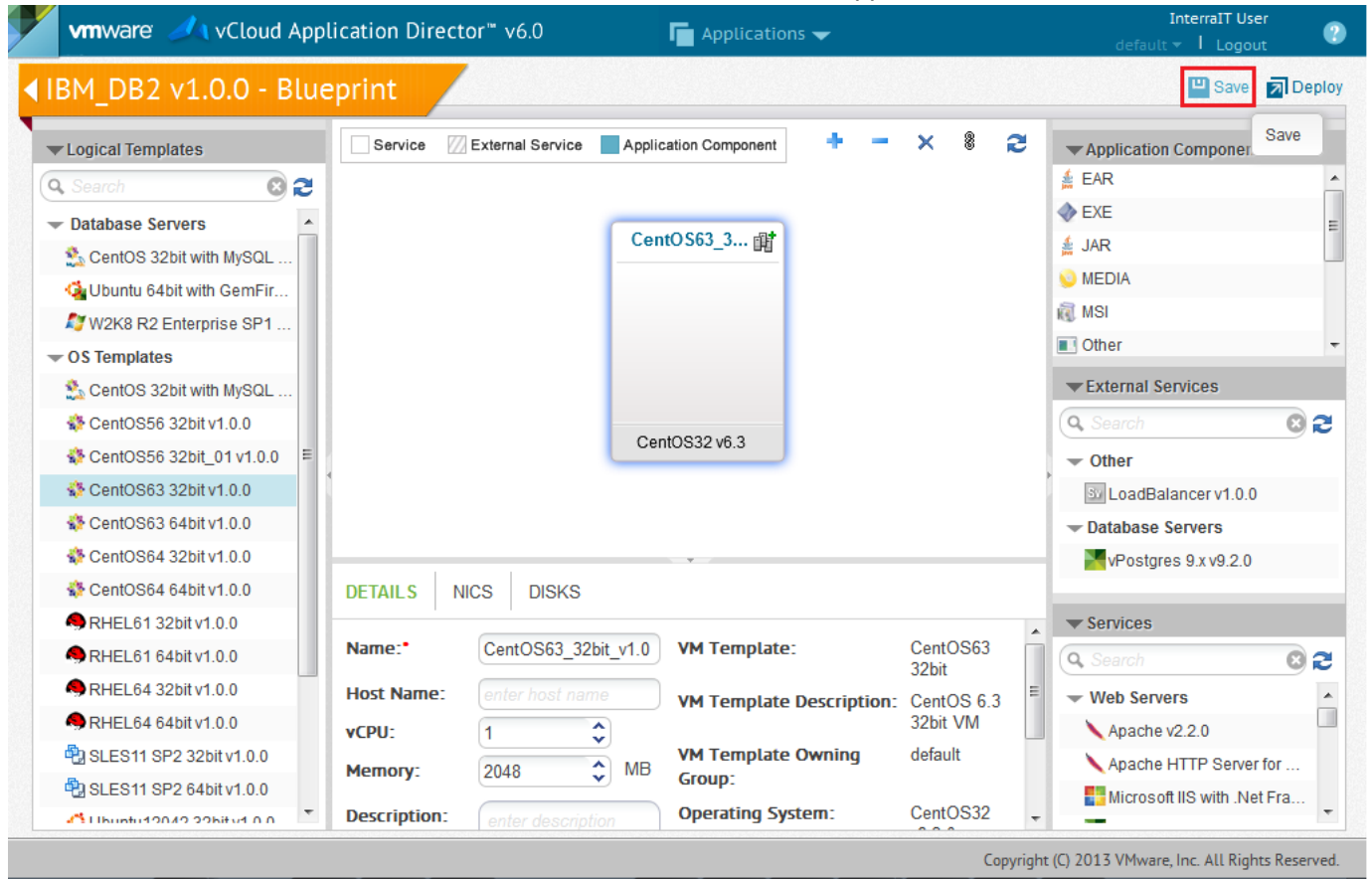
Immediately the page will be redirected to the below page



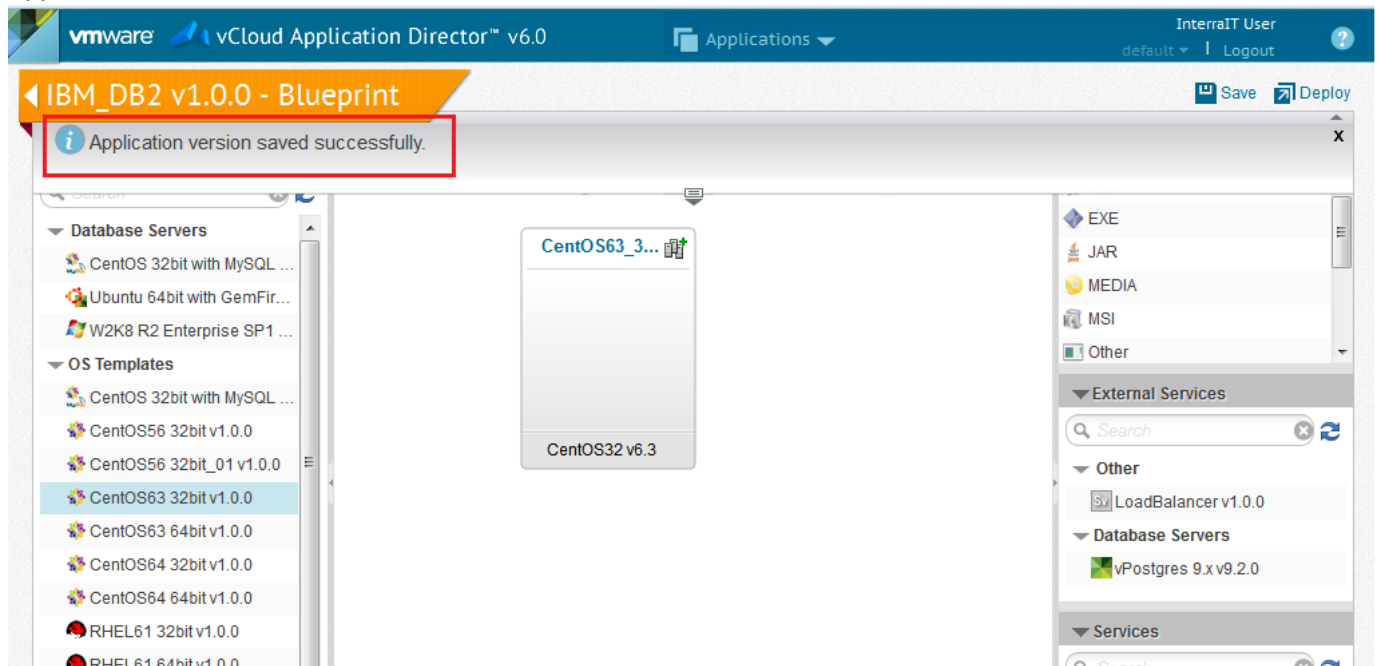
6. You will see **Logical Templates** on the bottom left.
7. Drag & drop the template of Windows flavor for example **W2K8 R2 Enterprise Edition SP1 1.0.0** in the central white canvas area. This template needs to have been uploaded and registered in the cloud provider.



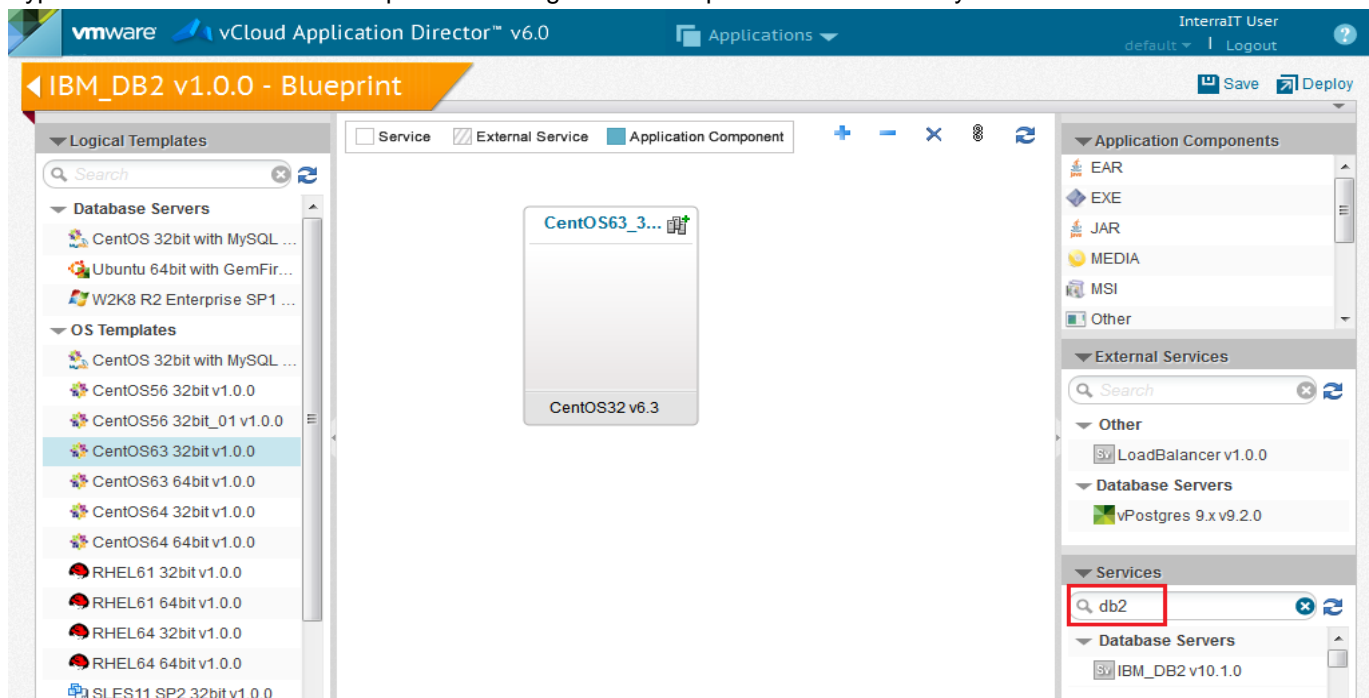
8. Now we will have a node in the canvas. Click on Save icon to save the application.



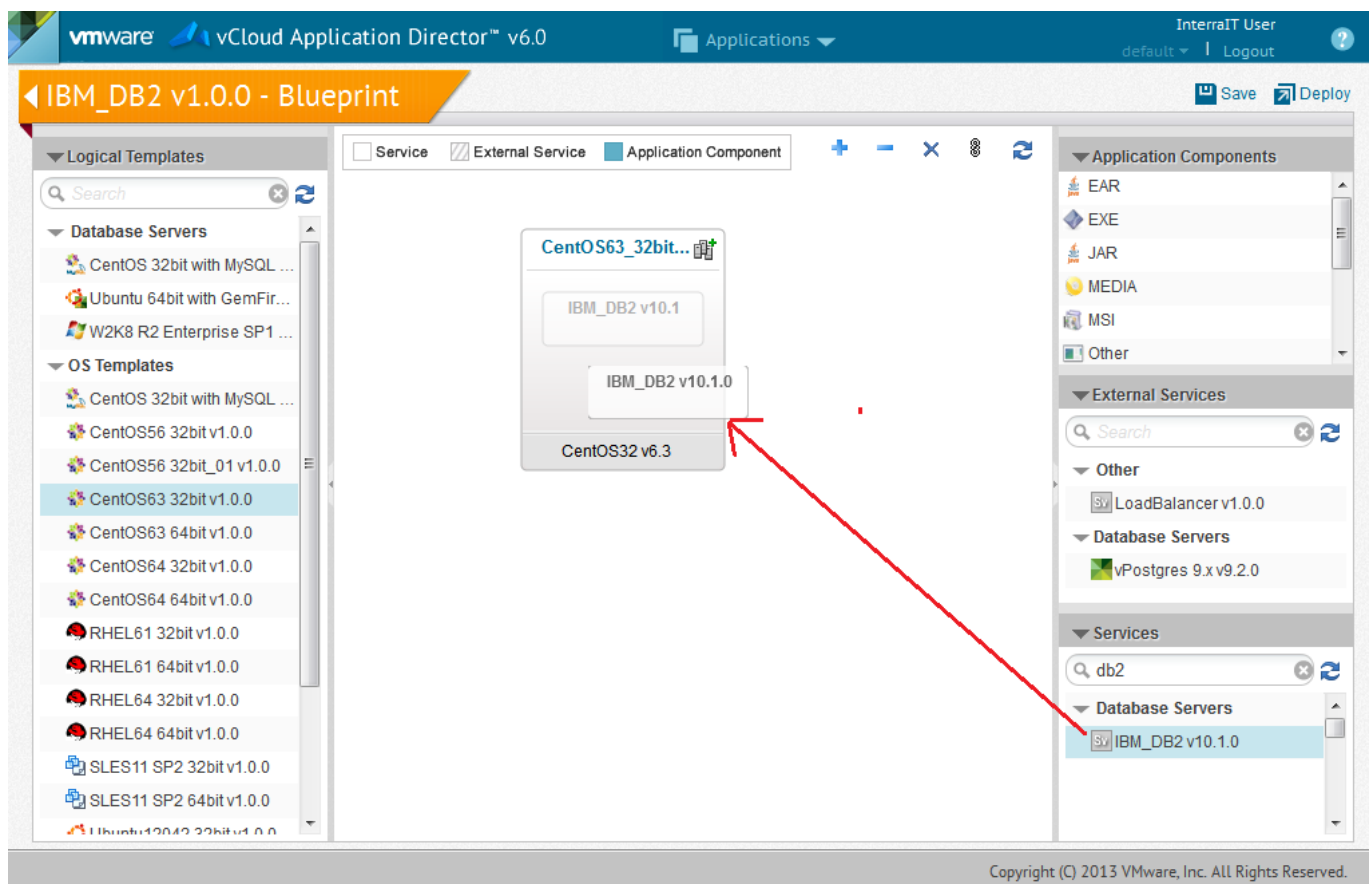
9. Application has been saved



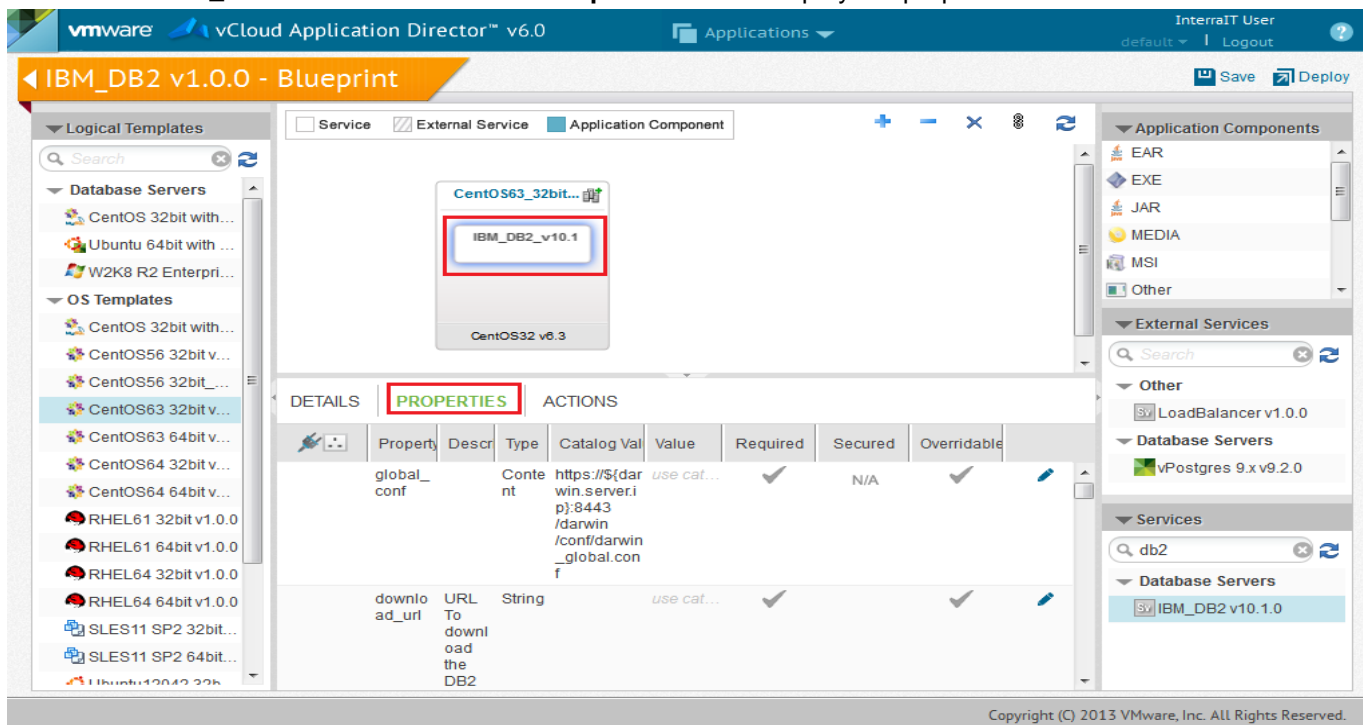
10. Type “db2” below the **Services** panel in the right side and press the “Enter” key as shown below



11. Drag and drop the service **IBM_DB2** into the OS template as shown below



12. Now click on the **IBM_DB2** service then Click the **Properties** Tab to display the properties



vmware vCloud Application Director™ v6.0 Applications default Logout

IBM_DB2 v1.0.0 - Blueprint Save Deploy

Logical Templates

Database Servers

OS Templates

Service External Service Application Component

CentOS63_32bit...
IBM_DB2_v10.1
CentOS32 v6.3

Application Components

EAR

EXE

JAR

MEDIA

MSI

Other

External Services

Search

Other

LoadBalancer v1.0.0

Database Servers

vPostgres 9.x v9.2.0

Services

db2

Database Servers

IBM_DB2 v10.1.0

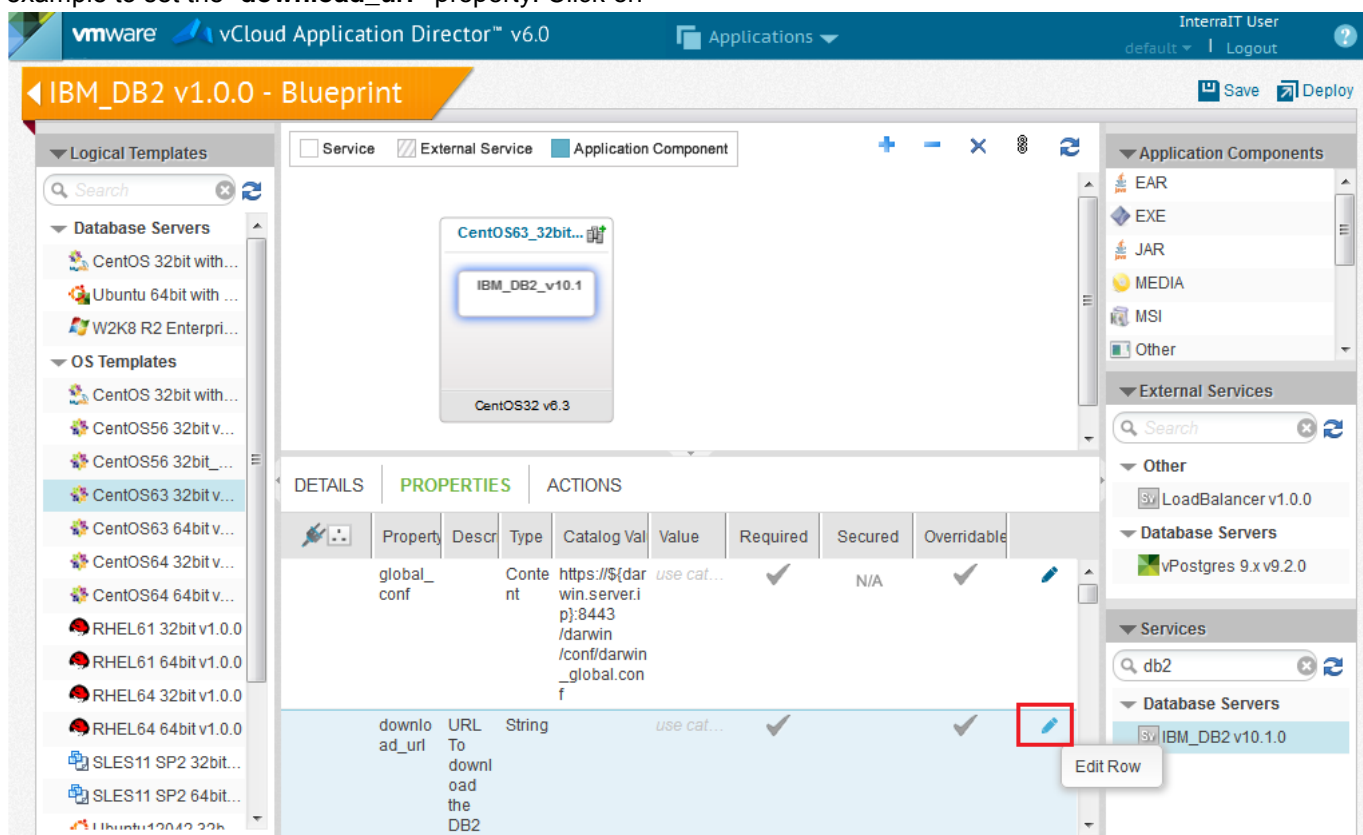
DETAILS PROPERTIES ACTIONS

Property	Descr	Type	Catalog Val	Value	Required	Secured	Overridable
global_conf	Content	String	https://\$darwin.server.ip:8443/darwin/conf/darwin_global.conf	use cat...	✓	N/A	✓
download_url	URL To download the DB2	String		use cat...	✓		✓

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13. To change other default value, click on the Edit image of respective properties and change the value.

For example to set the “**download_url**” property. Click on



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IBM_DB2 v1.0.0 - Blueprint Save Deploy

Logical Templates

Database Servers

OS Templates

Service External Service Application Component

CentOS63_32bit...
IBM_DB2_v10.1
CentOS32 v6.3

Application Components

EAR

EXE

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Other

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Search

Other

LoadBalancer v1.0.0

Database Servers

vPostgres 9.x v9.2.0

Services

db2

Database Servers

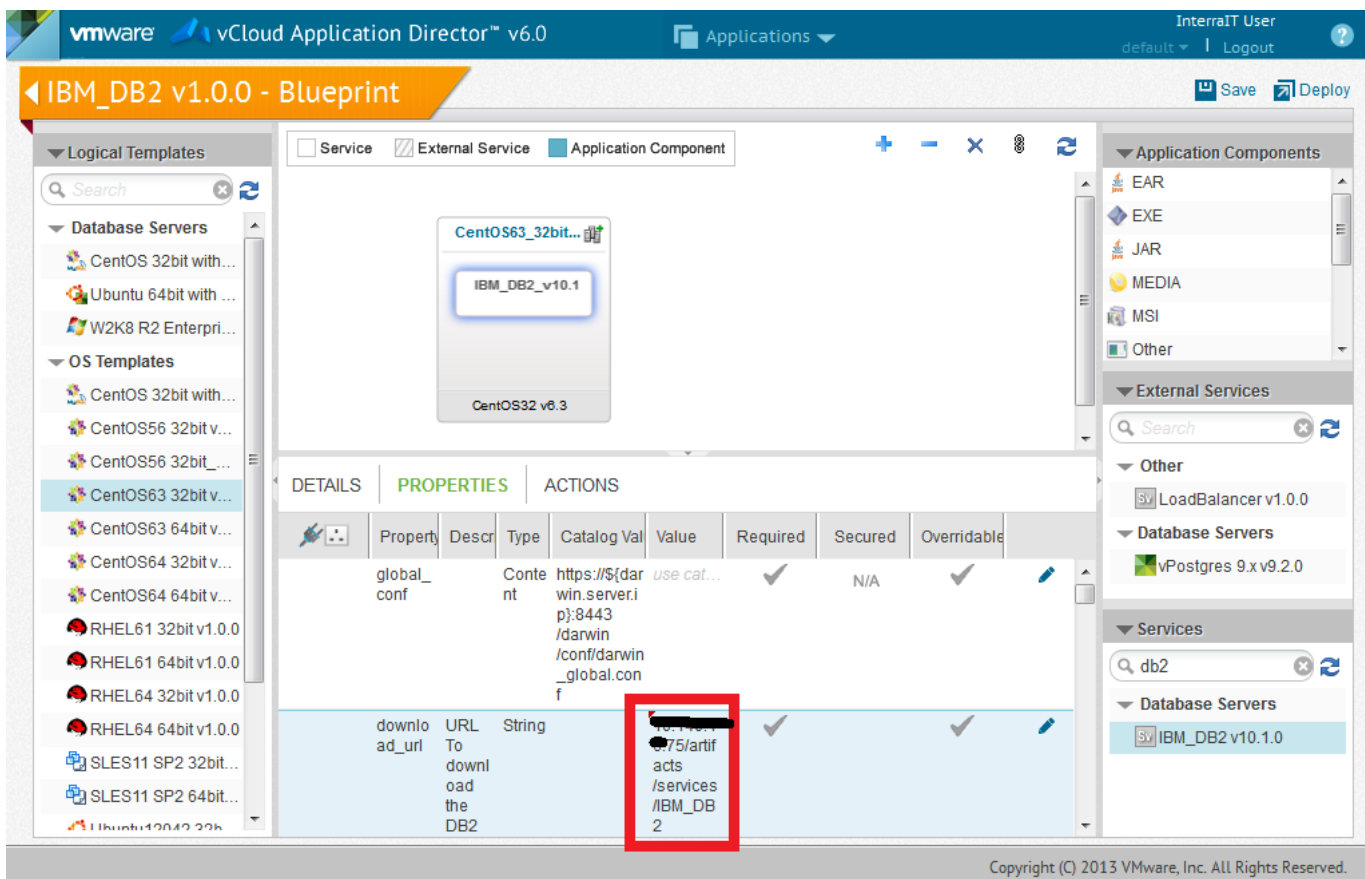
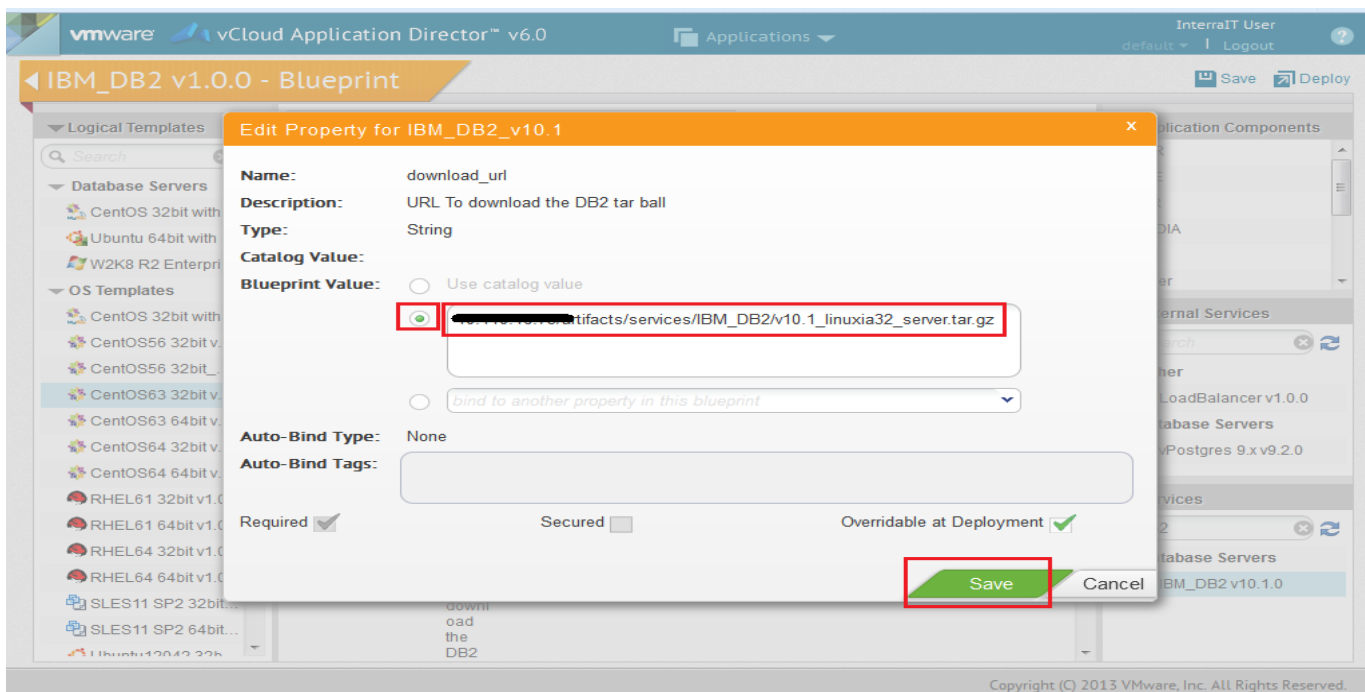
IBM_DB2 v10.1.0

DETAILS PROPERTIES ACTIONS

Property	Descr	Type	Catalog Val	Value	Required	Secured	Overridable
global_conf	Content	String	https://\$darwin.server.ip:8443/darwin/conf/darwin_global.conf	use cat...	✓	N/A	✓
download_url	URL To download the DB2	String		use cat...	✓		✓

Edit Row

14. Then Click on the second radio button to set our own value and finally click on **Save** button as shown

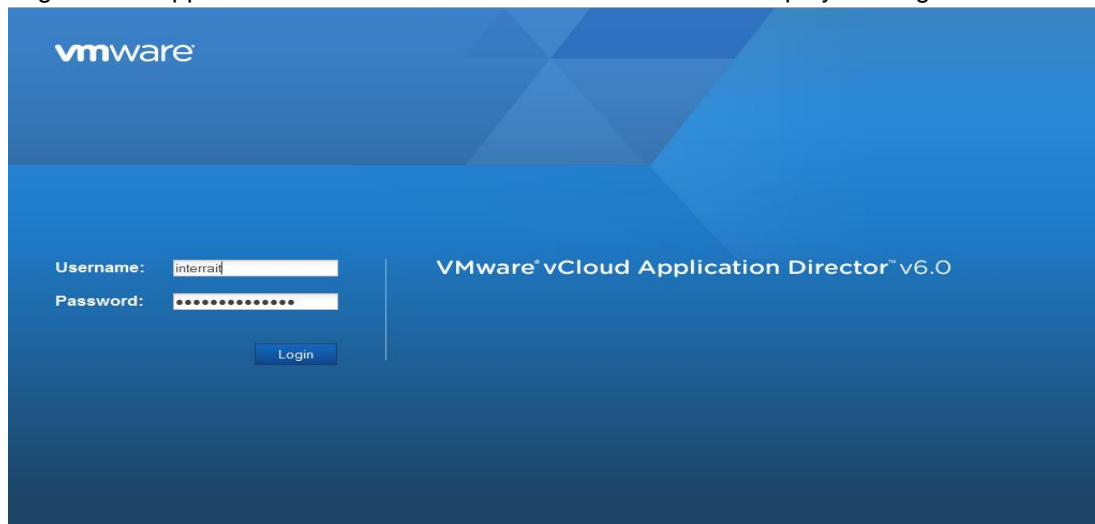


Follow the above step to change other default values as per the requirements.

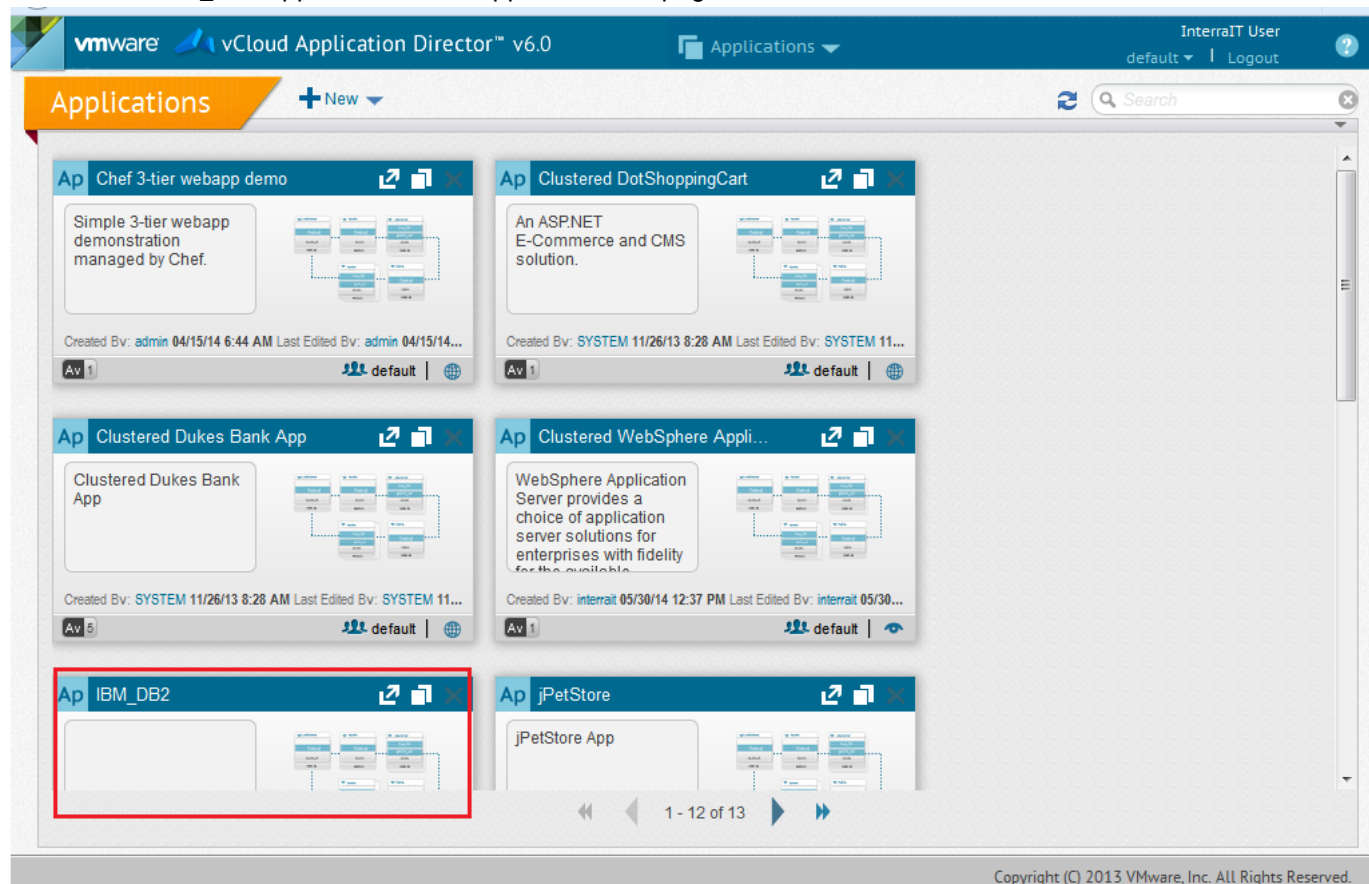
15. Save the application

Deploying the IBM_DB2 application

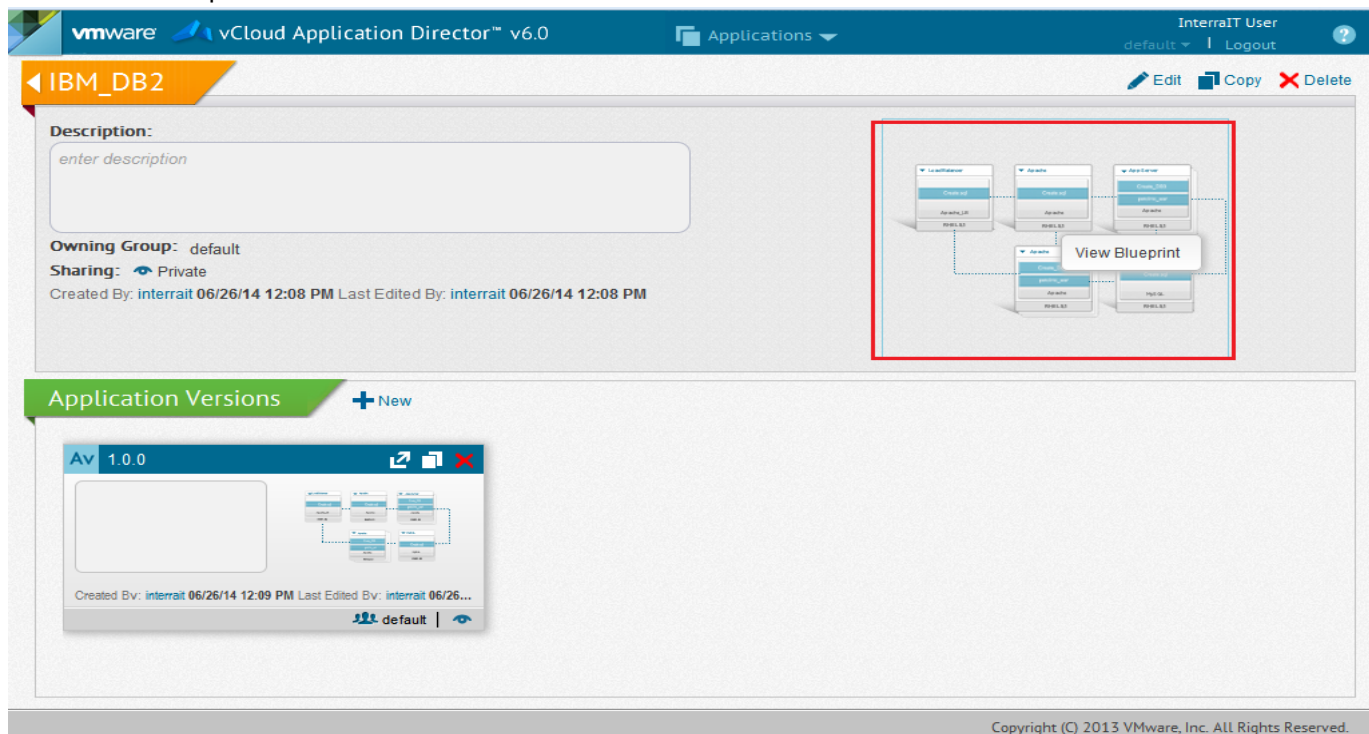
1. Login to the Application Director UI with the user which has the deployment rights.



2. Click on the **IBM_DB2** Application in the Application List page.

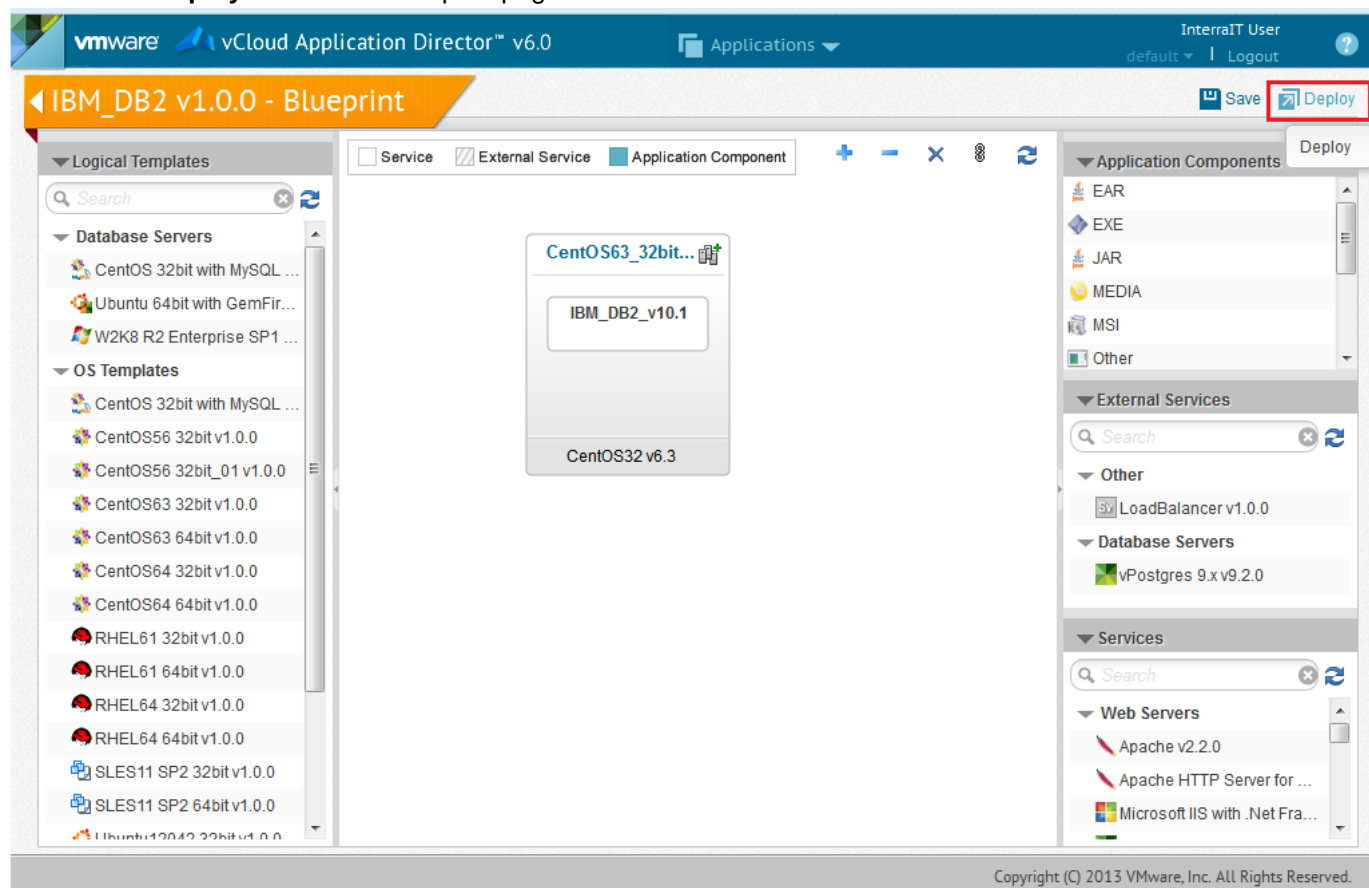


3. Now click on the part circled with red color.



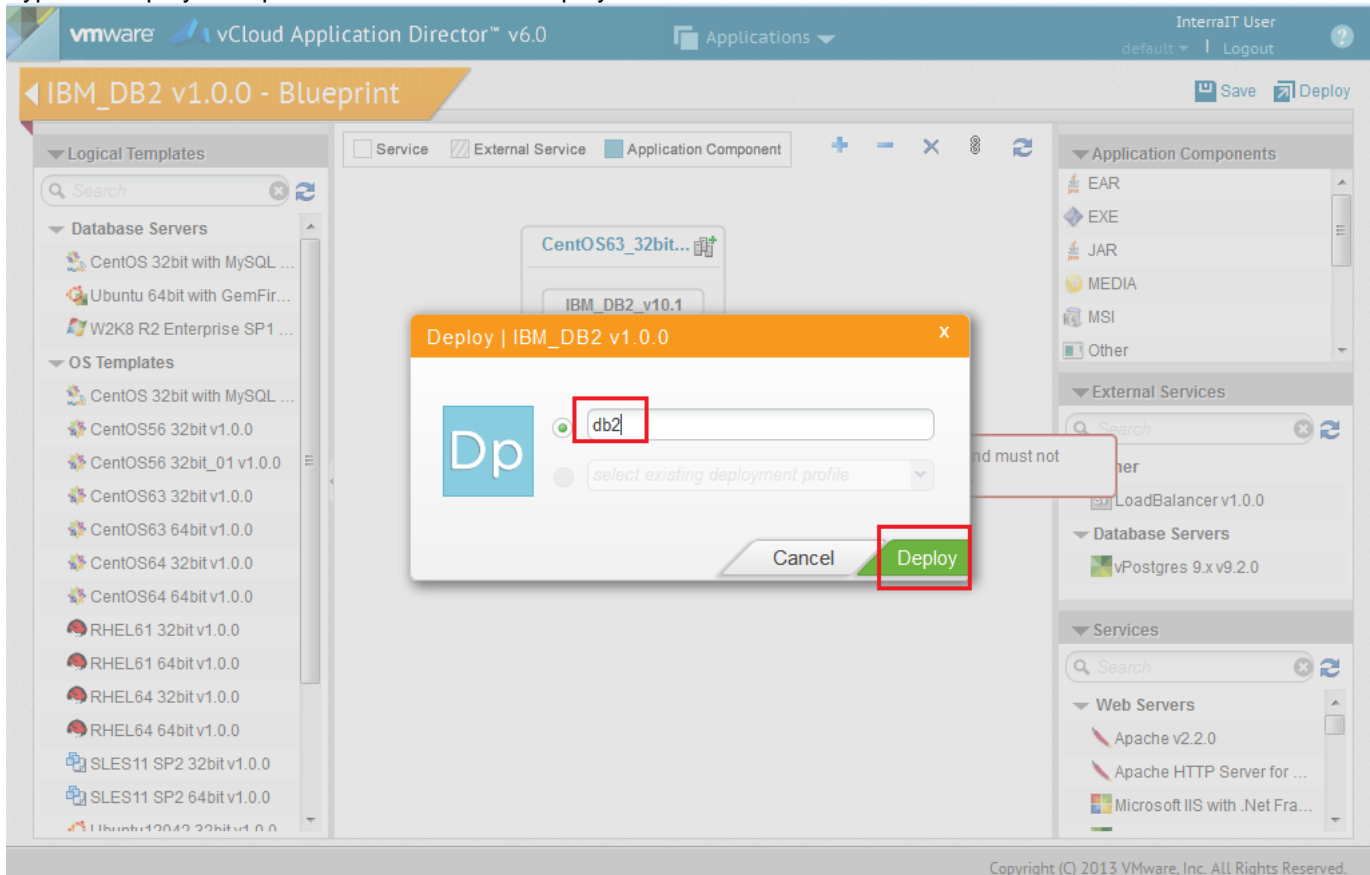
The screenshot shows the VMware vCloud Application Director v6.0 interface. The top navigation bar includes the VMware logo, the application name, and user information (InterraIT User, default, Logout). The main content area is titled 'IBM_DB2' and contains a description field, owning group (default), sharing settings (Private), and creation/edit history. A diagram of the application blueprint is shown on the right, with a 'View Blueprint' button circled in red. Below the main content, there is a section for 'Application Versions' showing version 1.0.0.

4. Click on the **Deploy** icon on the Blueprint page.

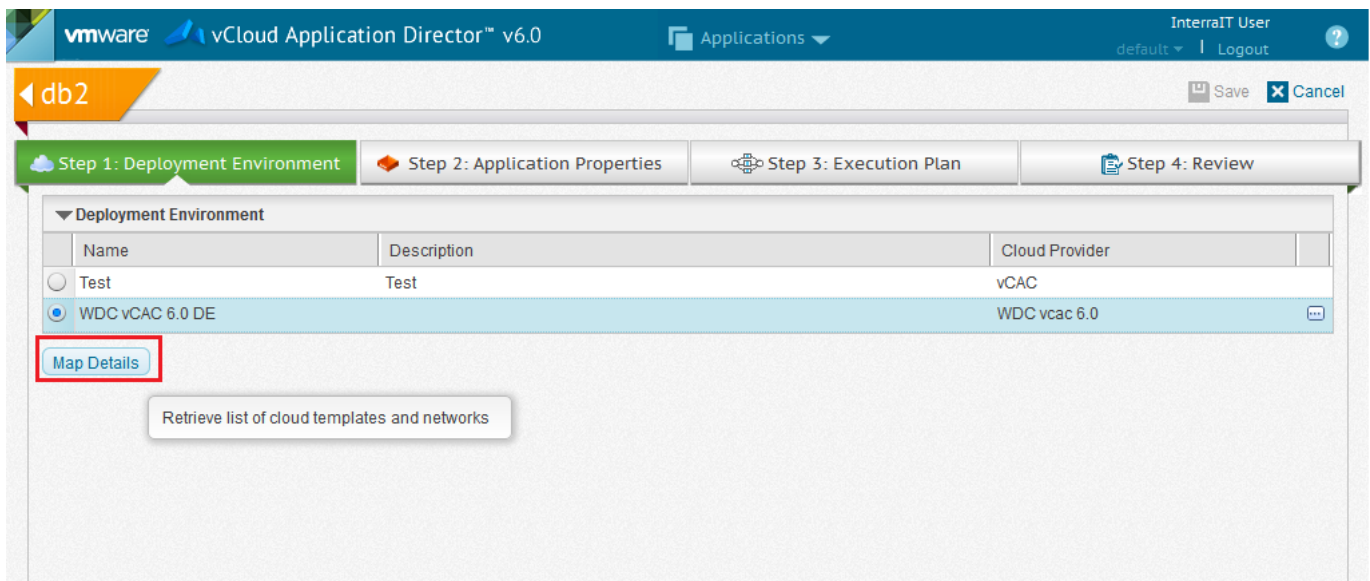


The screenshot shows the VMware vCloud Application Director v6.0 interface for the 'IBM_DB2 v1.0.0 - Blueprint' page. The top navigation bar is the same as the previous screenshot. The main content area is divided into three sections: 'Logical Templates' on the left, a central blueprint diagram, and 'Application Components' on the right. The 'Deploy' button in the top right corner is circled in red. The 'Logical Templates' section lists various OS and database templates. The central diagram shows the 'IBM_DB2_v10.1' component on a 'CentOS32 v6.3' base. The 'Application Components' section lists various components like EAR, EXE, JAR, MEDIA, MSI, and Other, along with external services and services.

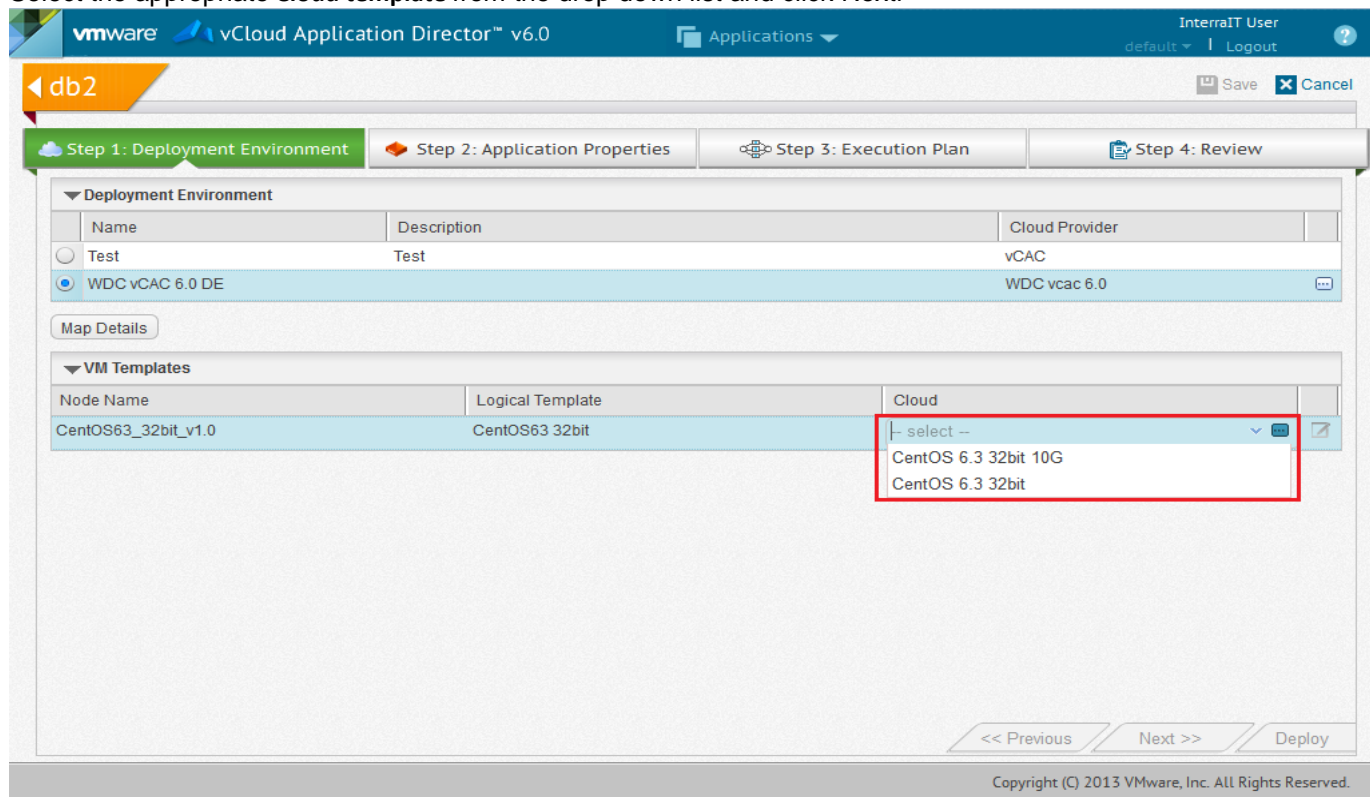
5. It will bring up the deployment profile window. You can enter new Deployment Profile Name or Choose from the existing Deployment Profile if no deployment profile is created yet.
6. Type the deployment profile name and click Deploy



7. This will bring up the deploy wizard. Click on the “Map Details” button



8. Select the appropriate **Cloud template** from the drop down list and click Next.



vmware vCloud Application Director™ v6.0 Applications InterraIT User default Logout

db2 Save Cancel

Step 1: Deployment Environment Step 2: Application Properties Step 3: Execution Plan Step 4: Review

Deployment Environment

Name	Description	Cloud Provider
Test	Test	vcac
WDC vcac 6.0 DE		WDC vcac 6.0

Map Details

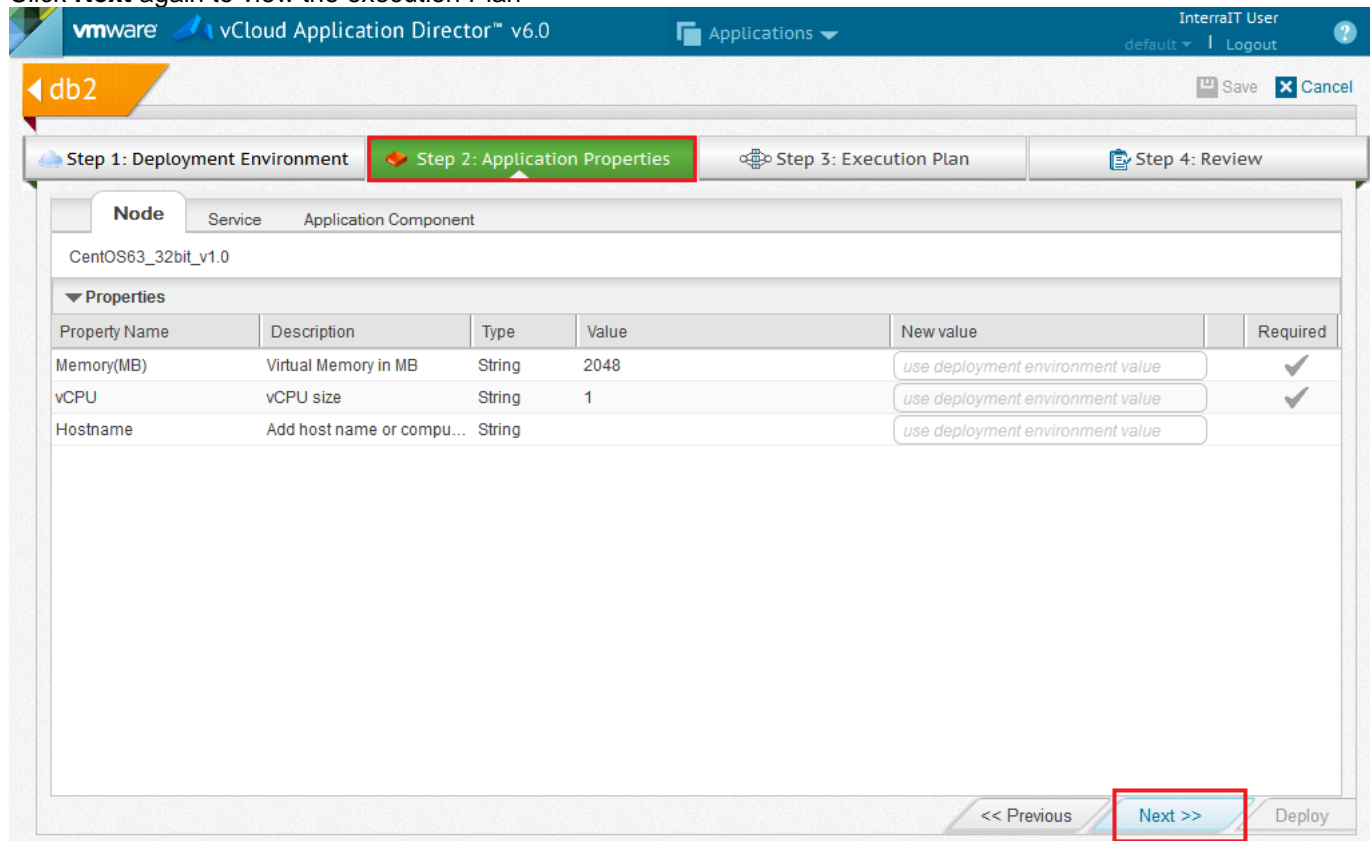
VM Templates

Node Name	Logical Template	Cloud
CentOS63_32bit_v1.0	CentOS63 32bit	select -- CentOS 6.3 32bit 10G CentOS 6.3 32bit

<< Previous Next >> Deploy

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9. Click **Next** again to view the execution Plan



vmware vCloud Application Director™ v6.0 Applications InterraIT User default Logout

db2 Save Cancel

Step 1: Deployment Environment Step 2: Application Properties Step 3: Execution Plan Step 4: Review

Node Service Application Component

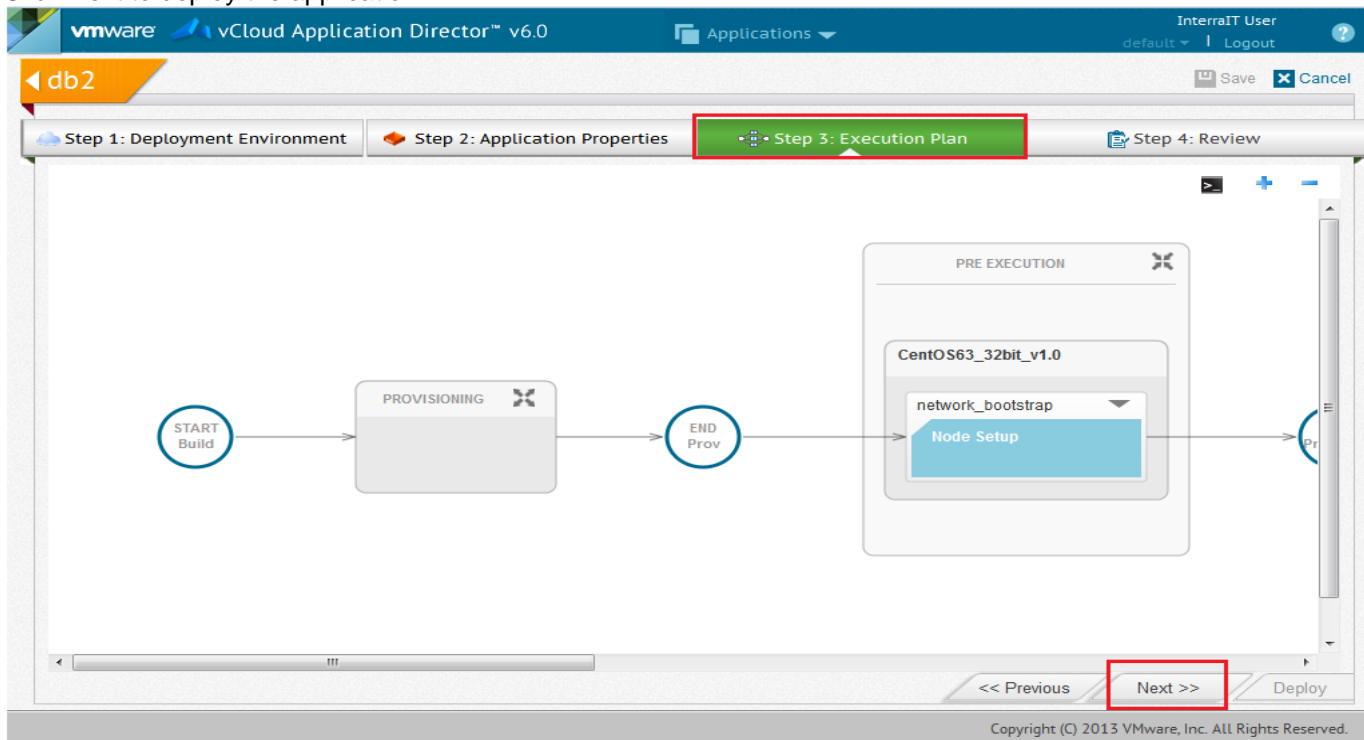
CentOS63_32bit_v1.0

Properties

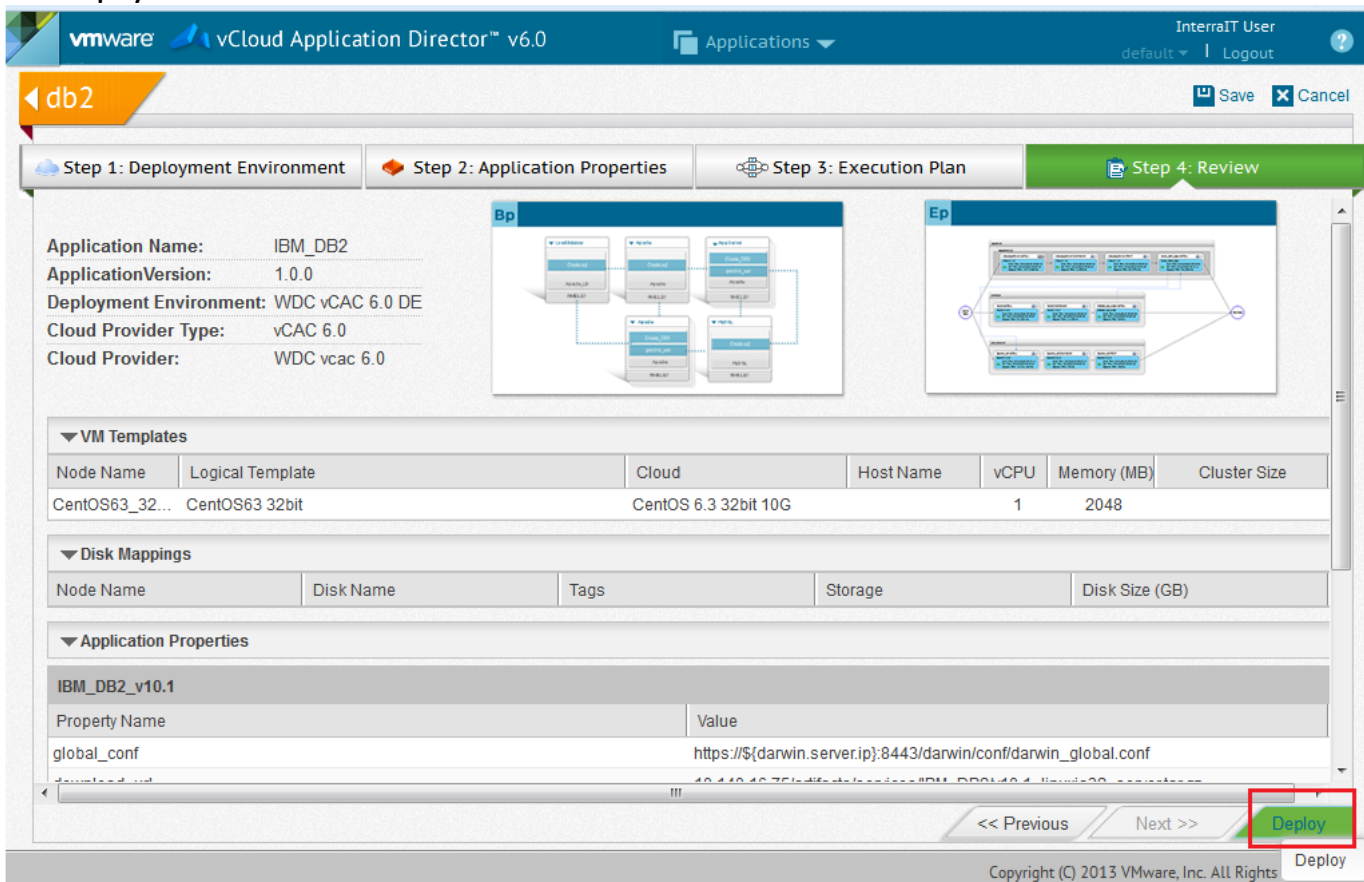
Property Name	Description	Type	Value	New value	Required
Memory(MB)	Virtual Memory in MB	String	2048	use deployment environment value	✓
vCPU	vCPU size	String	1	use deployment environment value	✓
Hostname	Add host name or compu...	String		use deployment environment value	

<< Previous Next >> Deploy

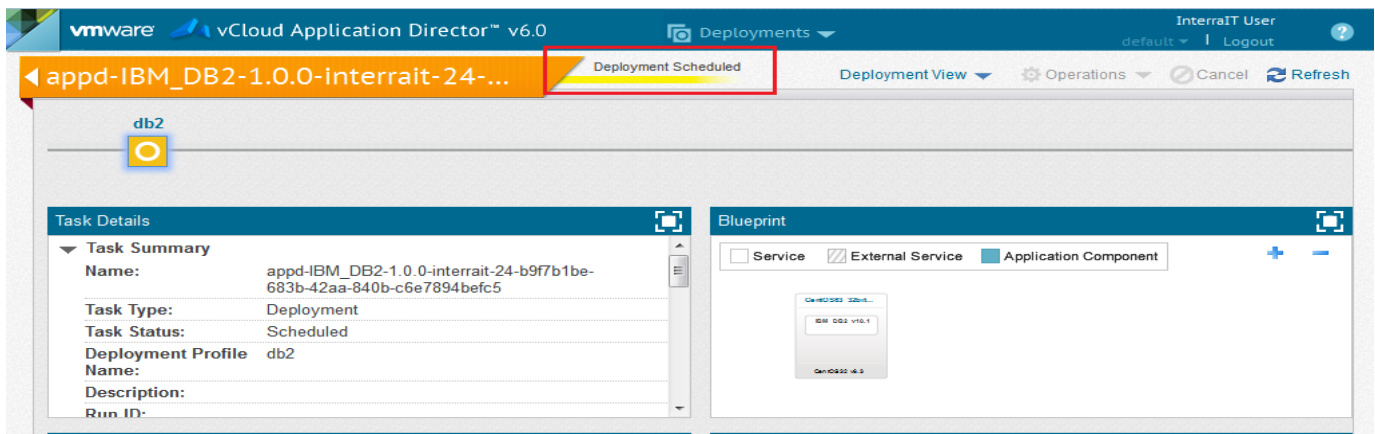
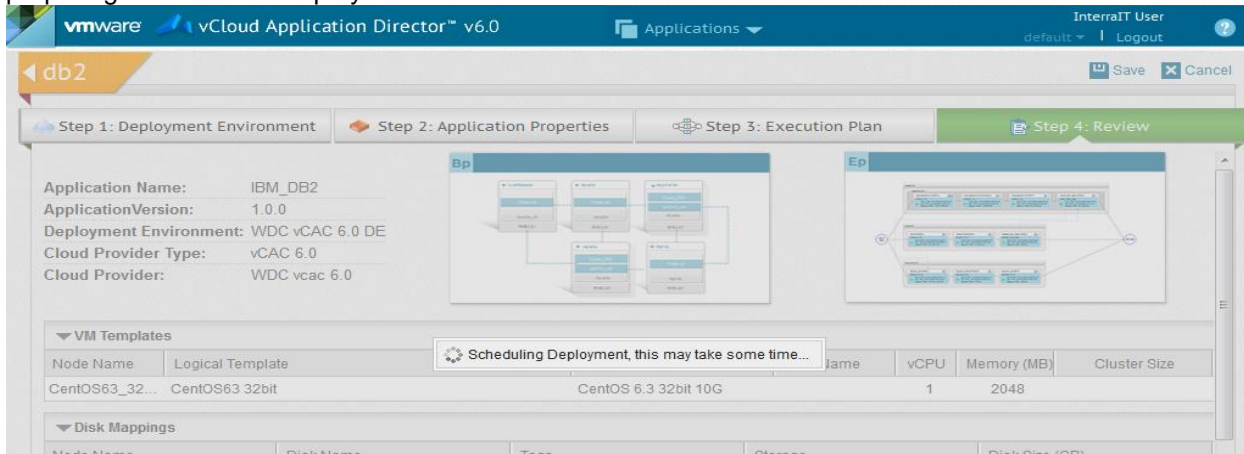
10. Click Next to deploy the application



11. Click Deploy



- 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



Verify Smoke test passed

- Wait until the deployment status is reported as **Deployment Success**

