

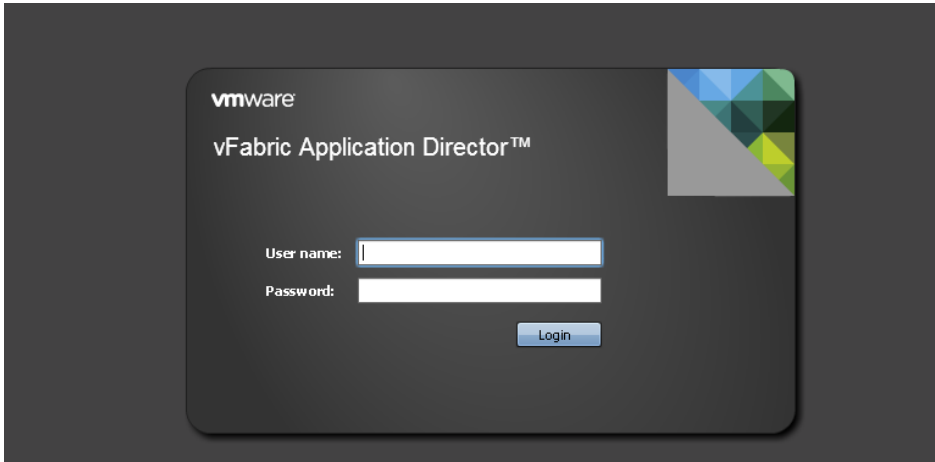
Create Zend Framework application

Prerequisites

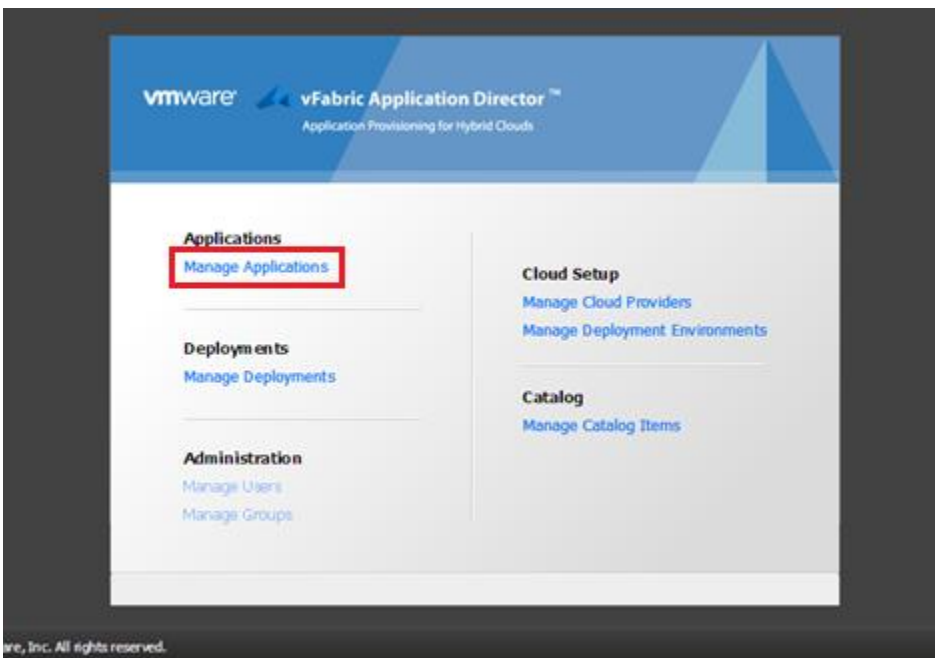
1. Install and configure VMware vFabric Application Director with vCloud Director.


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.



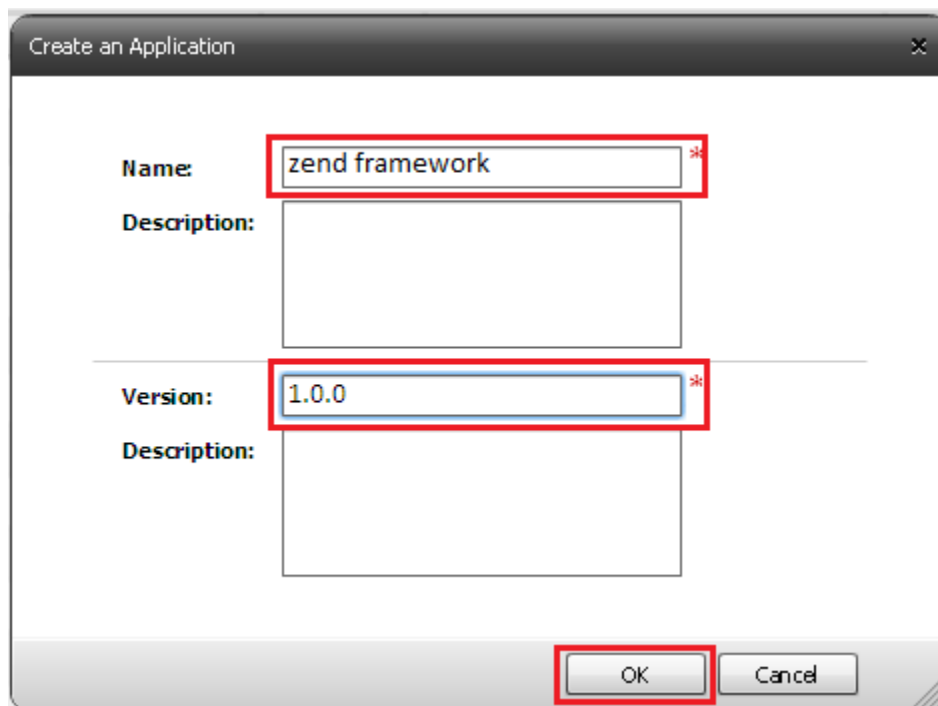
3. Click on  to add a new application.



The screenshot shows the VMware vFabric Application Director interface. At the top, there's a navigation bar with tabs for Applications, Deployments, Catalog, and Cloud Providers. Below this, a table lists applications. A red box highlights the 'Add' button (a green plus icon) in the top left corner of the application list.

Name	Description	Version	Description	Created ...	Created By	Last Up...	Last
Alfresco		1.0.0		2012-05-18	admin	2012-07-11	admin
apache http server		1.1.0		2012-04-26	admin	2012-06-20	admin
Cloud_Foundry_QA	Cloud_Foundry_QA	1.0.0		2012-02-20	admin	2012-02-21	admin

4. Provide the following required details
Name: zend framework
Version: 1.0.0
Click **OK**



The screenshot shows a 'Create an Application' dialog box. It has two sections. The first section has a 'Name' field with the text 'zend framework' and a red box around it. Below it is a 'Description' field. The second section has a 'Version' field with the text '1.0.0' and a red box around it. Below it is another 'Description' field. At the bottom right, there are 'OK' and 'Cancel' buttons, with the 'OK' button highlighted by a red box.

Create an Application

Name: zend framework *

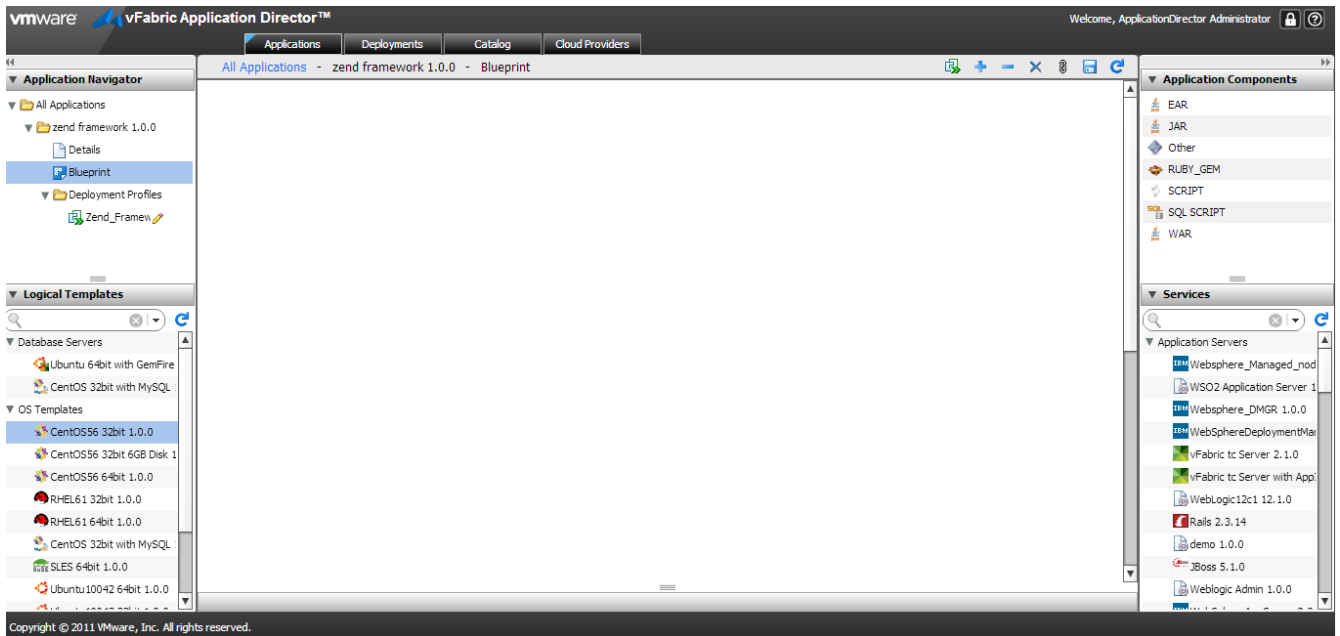
Description:

Version: 1.0.0 *

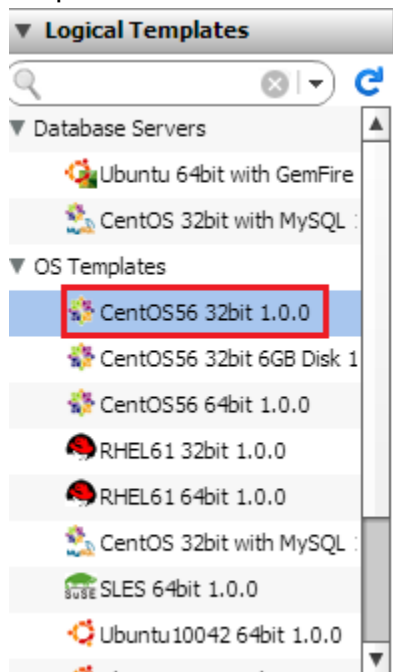
Description:

OK **Cancel**

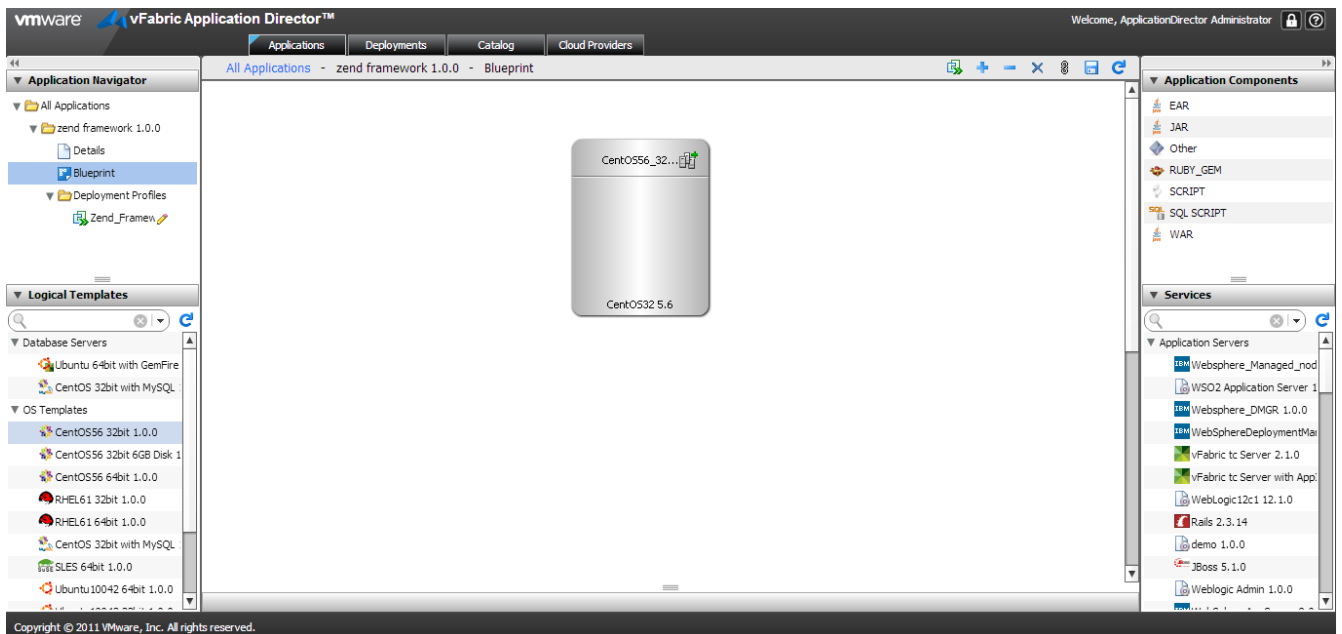
5. On successful application creation, the user will be re-directed to the blueprint editor page.



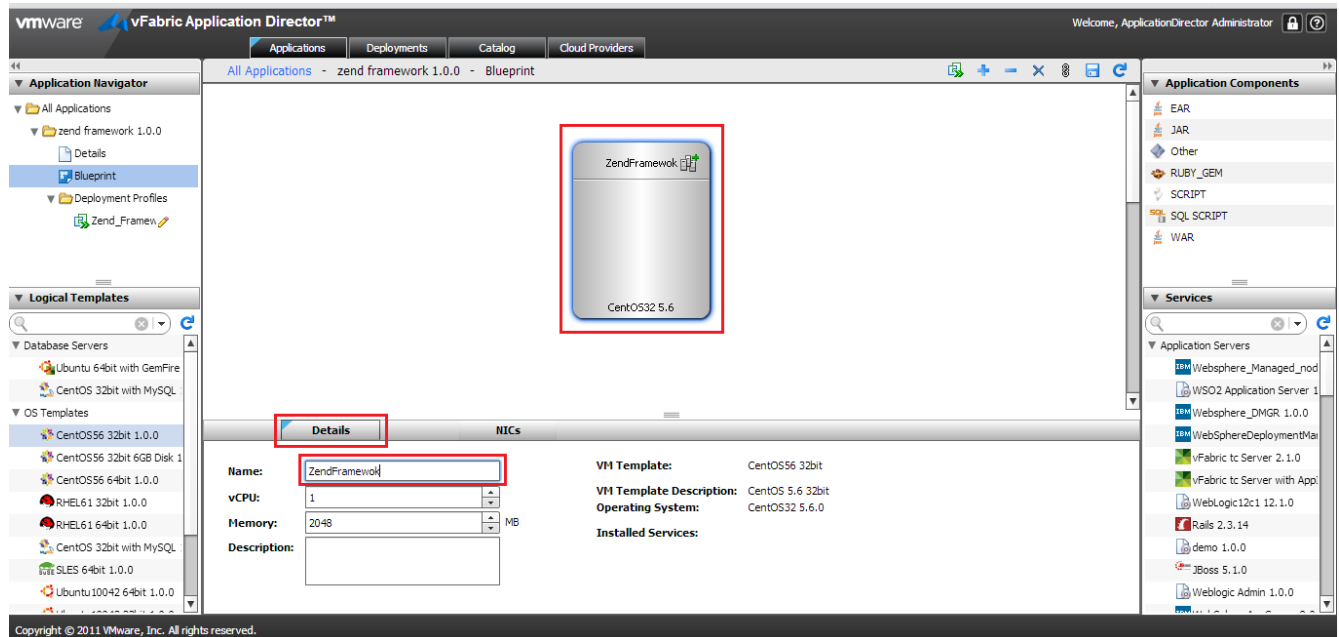
6. You will see **Logical Templates** on the bottom left.
7. Drag & drop any template of Linux flavor for example CentOS 32bit 1.0.0 in the central white canvas area. This template needs to have been uploaded and registered in the cloud provider.



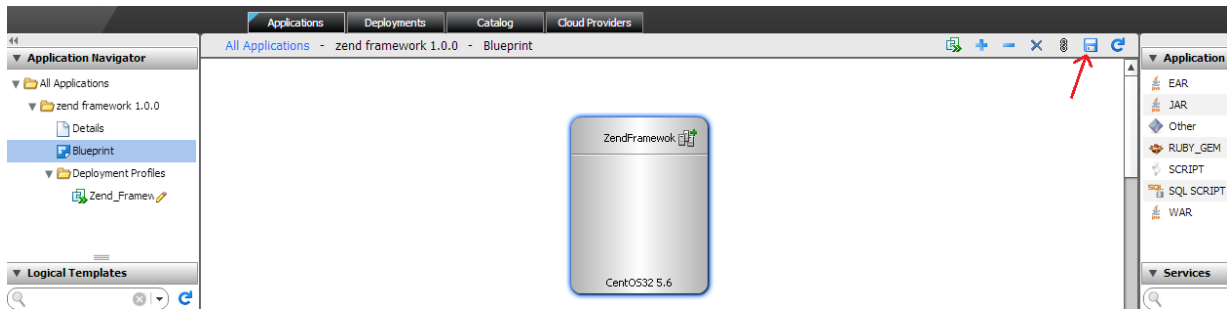
8. Now we will have a node in the canvas.



9. Select the dragged node. In the **Details** pane, type **Zend Framework** in the name field, this will be the hostname for this node. Keep the vCPU and Memory to their default values which is **1** and **2048** respectively.

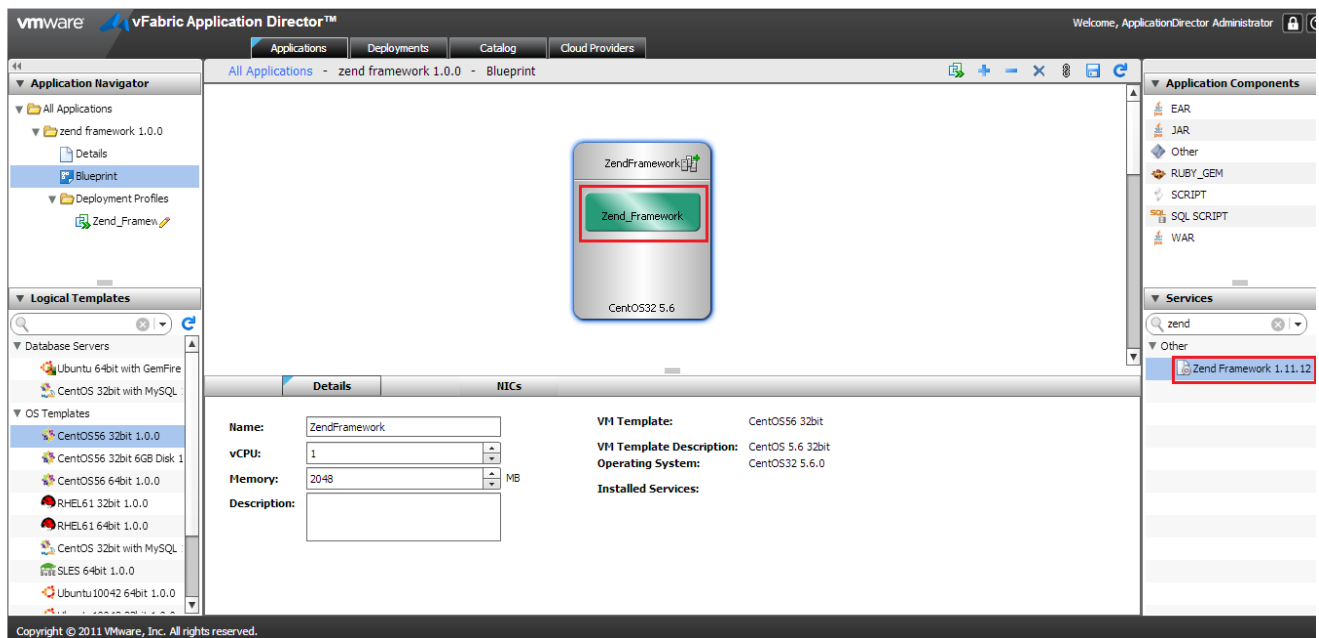


10. Save the application.

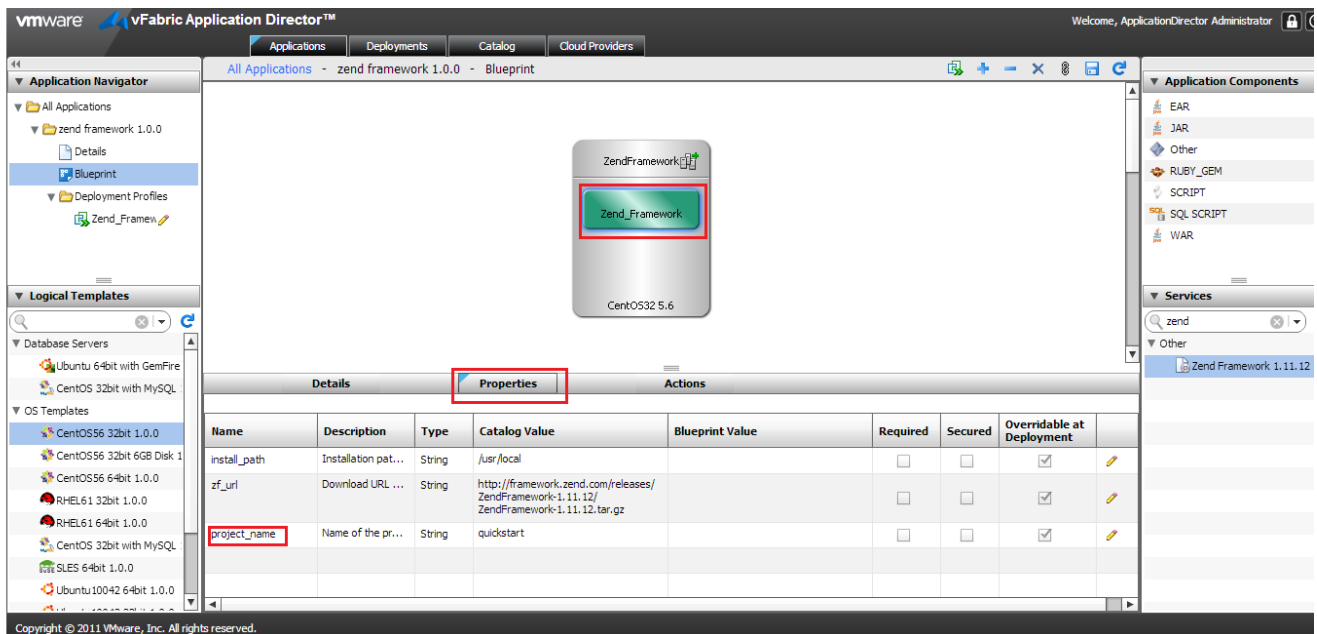


Configuring

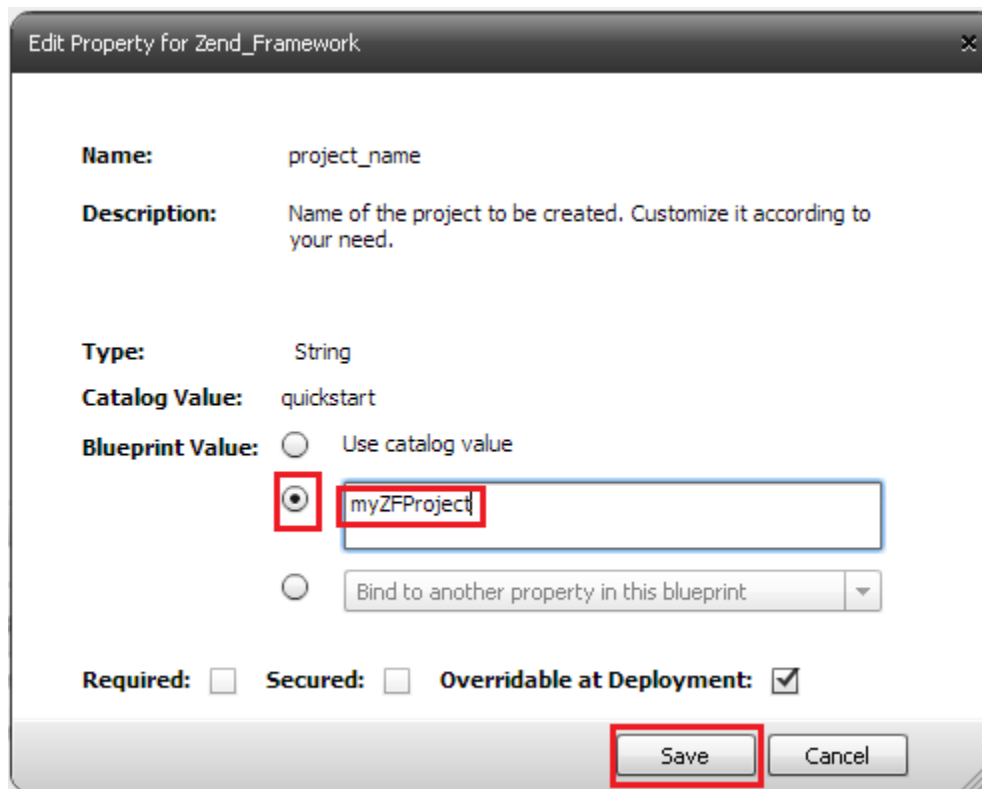
1. From the Services panel on the bottom right, drag and drop the services labeled Zend Framework 1.11.12 on the Zend Framework Node.



2. To change the default value of a property (such as **install_path** or **project_name**), first click on the Zend Framework Service then click on the properties tab and finally click on the respective properties and change the value. For example to change the **project_name** property to myZFProject, click on it



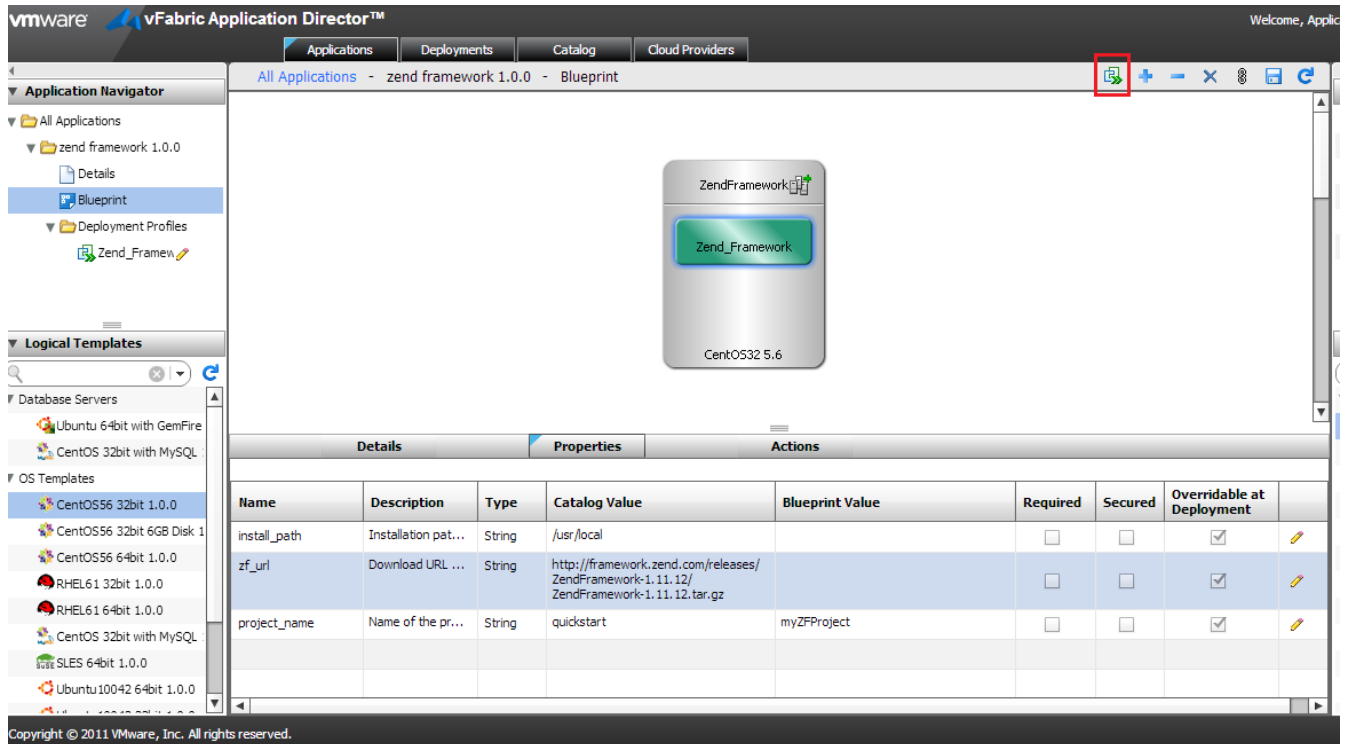
Then Click on the second radio button to set our own value and finally click on **Save** button as shown



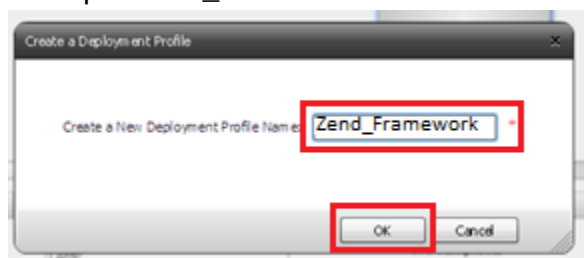
3. Save the Blueprint.

Deploying the Zend Framework application

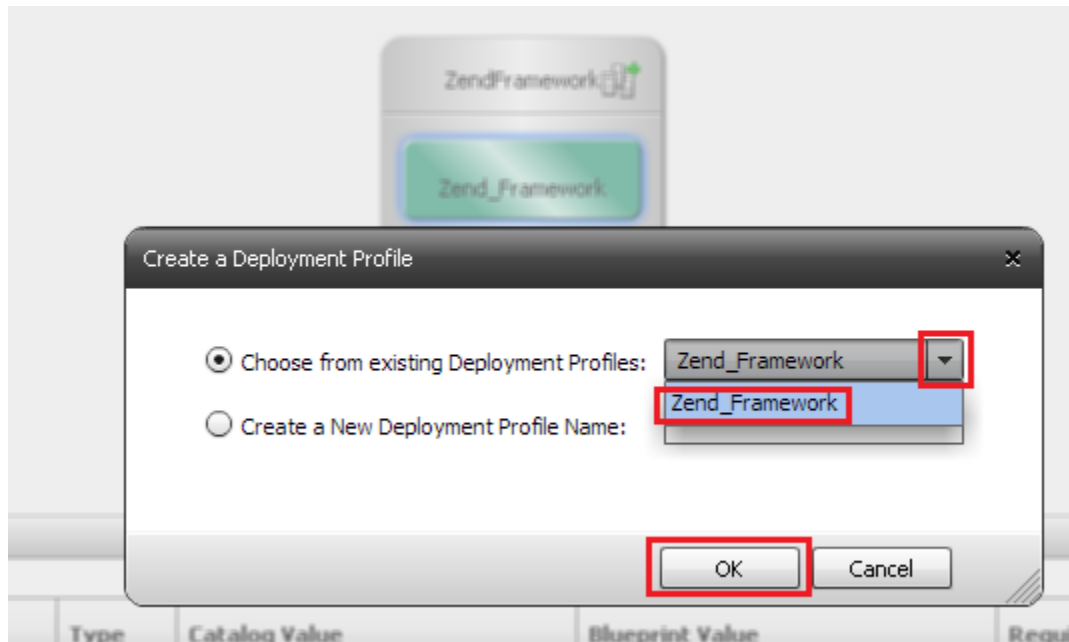
1. Login to the Application Director UI with the user which has the deployment rights.
2. Click on the Zend Framework Application in the Application List page.
3. Click on the Deploy icon on the Blueprint page.



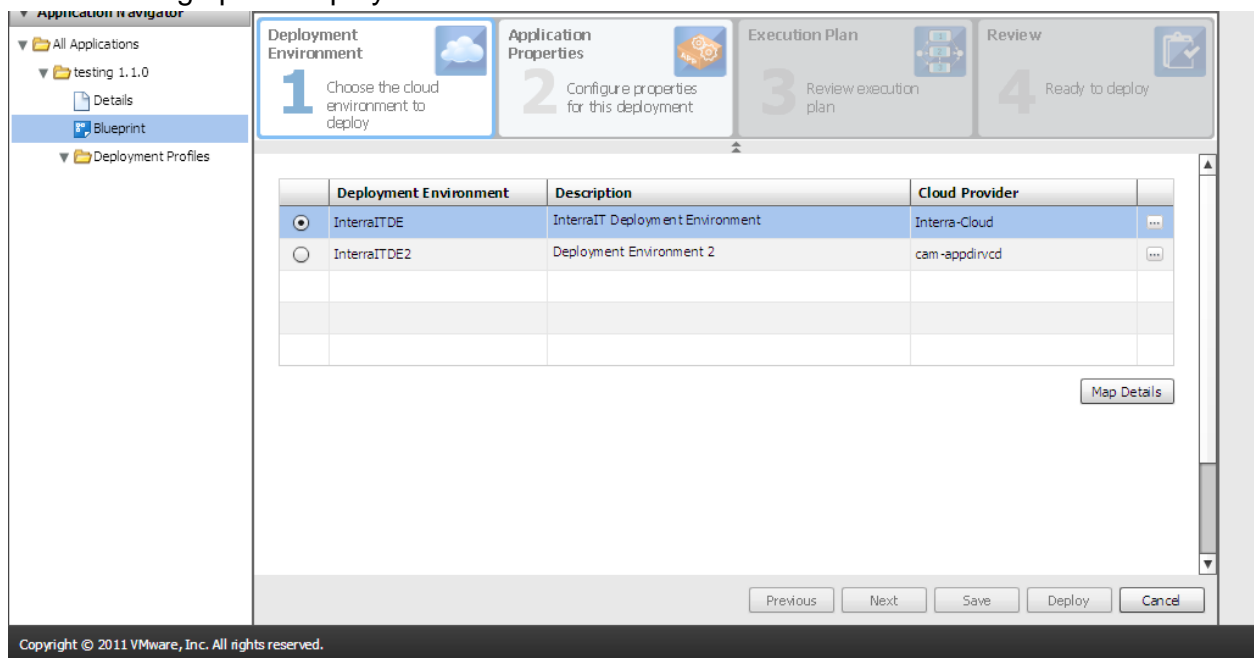
4. It will bring up the deployment profile window. If no Deployment profile was created earlier user will be redirected into a tab where he/she has to enter a deployment profile name for example Zend_Framework. Click **OK** same like shown below.



Otherwise user will be redirected into a tab where he/she has to select the created deployment profile or can create new deployment profile as shown below



5. This will bring up the deploy wizard.



6. Select the Radio Button for the appropriate Deployment Environment and Click on the **Map Details** button. Select the appropriate **cloud template** then Click **Next** to view the **Application Properties**.

vmware vFabric Application Director™

Welcome, ApplicationDirector Administrator

Applications Deployments Catalog Cloud Providers

All Applications - zend framework 1.0.0 - Zend_Framework

Application Navigator

- All Applications
 - zend framework 1.0.0
 - Details
 - Blueprint
 - Deployment Profiles
 - Zend_Framework

Deployment Environment

1 Choose the cloud environment to deploy

Application Properties

2 Configure properties for this deployment

Execution Plan

3 Review execution plan

Review

4 Ready to deploy

Deployment Environment	Description	Cloud Provider
<input checked="" type="radio"/> InterraITDE	InterraIT Deployment Environment	Interra-Cloud
<input type="radio"/> InterraITDE2	Deployment Environment 2	cam-appdirvcd

Map Details

VM Templates

Node Name	Logical Template	Cloud Template
ZendFramework	CentOS56 32bit 1.0.0	C56x32_16GB_v5

Networking

Logical Network Name	Nodes using this network	Cloud Network Name
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Previous Next Save Deploy Cancel

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vmware vFabric Application Director™

Welcome, ApplicationDirector Administrator

Applications Deployments Catalog Cloud Providers

All Applications - zend framework 1.0.0 - Zend_Framework

Application Navigator

- All Applications
 - zend framework 1.0.0
 - Details
 - Blueprint
 - Deployment Profiles
 - Zend_Framework

Deployment Environment

1 Choose the cloud environment to deploy

Application Properties

2 Configure properties for this deployment

Execution Plan

3 Review execution plan

Review

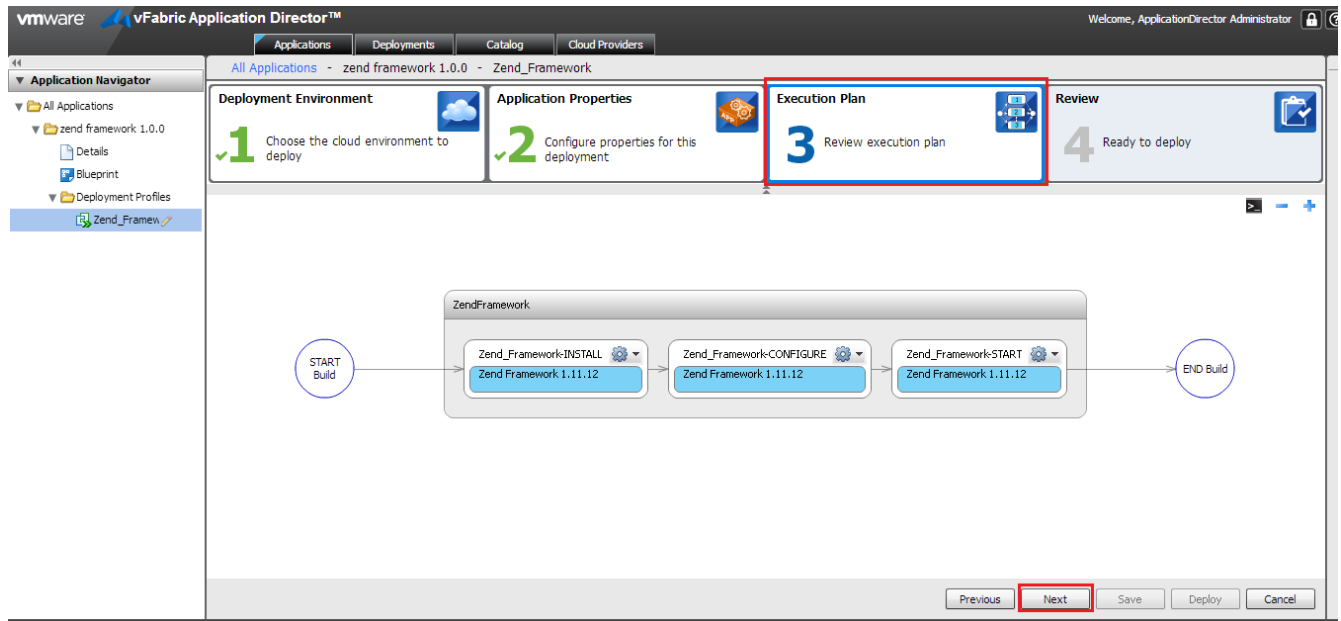
4 Ready to deploy

Properties: Service Zend_Framework

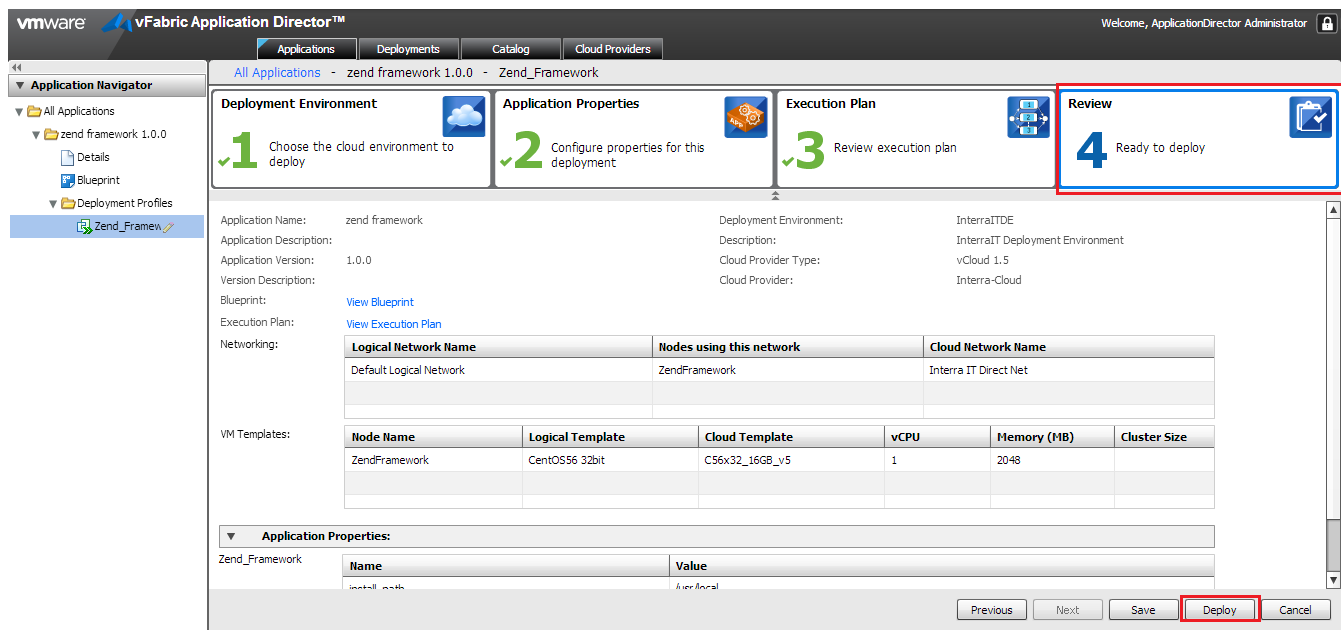
Property Name	Type	Description	Required	Blueprint Value	New Value
install_path	String	Installation path of the zend framework. Only f...	<input type="checkbox"/>	/usr/local	Use blueprint value.
project_name	String	Name of the project to be created. Customize i...	<input type="checkbox"/>	myZFProject	Use blueprint value.
zf_url	String	Download URL of the Zend Framwrok installer.	<input type="checkbox"/>	http://framework.zend.com/releases/ ZendFramework-1.11.12/ ZendFramework-1.11.12.tar.gz	Use blueprint value.

Previous Next Save Deploy Cancel

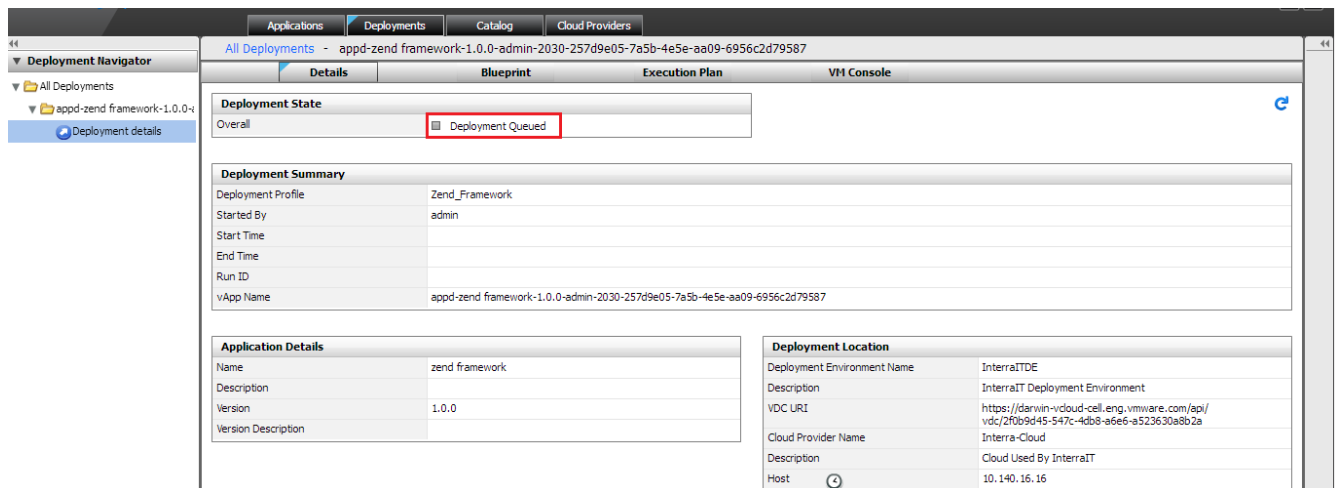
7. Click **Next** again to view the **Execution Plan**.



8. Click **Next** again and then click the **Deploy** button on the bottom button panel of the wizard.



9. 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.



Deployment State

Overall: Deployment Queued

Deployment Summary

Deployment Profile	Zend_Framework
Started By	admin
Start Time	
End Time	
Run ID	
vApp Name	appd-zend framework-1.0.0-admin-2030-257d9e05-7a5b-4e5e-aa09-6956c2d79587

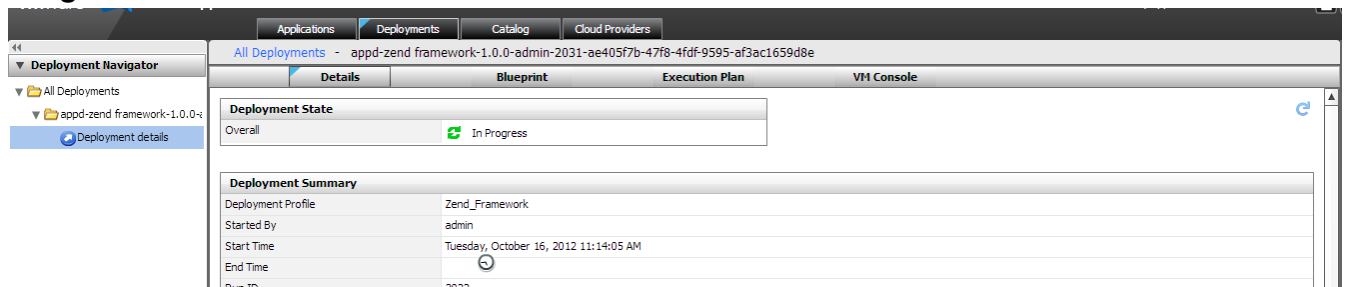
Application Details

Name	zend framework
Description	
Version	1.0.0
Version Description	

Deployment Location

Deployment Environment Name	InterraITDE
Description	InterraIT Deployment Environment
VDC URI	https://darwin-vccloud-cell.eng.vmware.com/ap/ vdc/2f0b9d45-547c-4db8-a6e6-a523630a8b2a
Cloud Provider Name	Interra-Cloud
Description	Cloud Used By InterraIT
Host	10.140.16.16

10. Click on the **refresh icon** and check the deployment status. Note that it says **“In Progress”**.



Deployment State

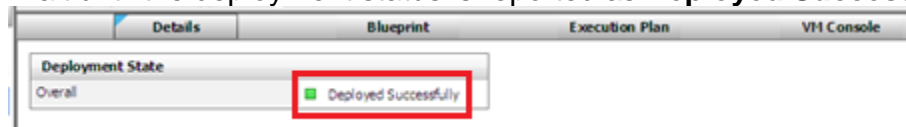
Overall: In Progress

Deployment Summary

Deployment Profile	Zend_Framework
Started By	admin
Start Time	Tuesday, October 16, 2012 11:14:05 AM
End Time	
Run ID	

Verify Smoke test passed

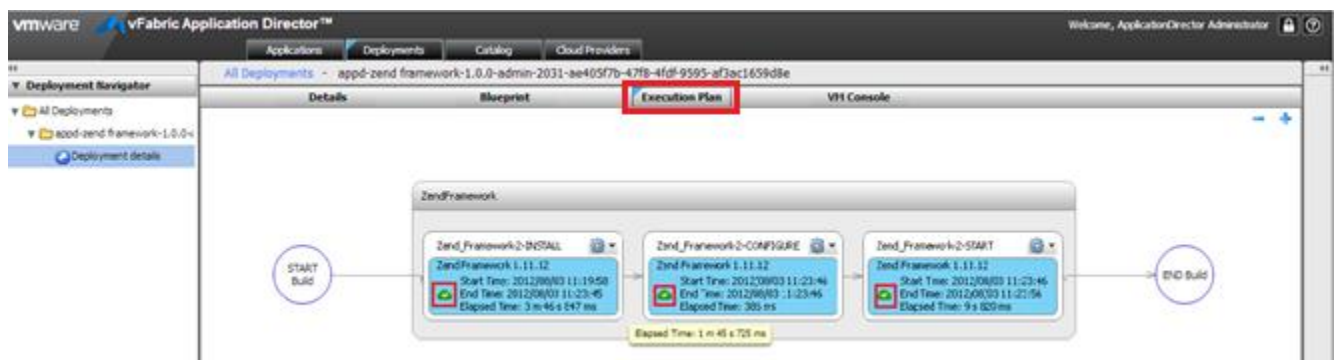
1. Wait until the deployment status is reported as **Deployed Successfully**.



Deployment State

Overall: Deployed Successfully

2. Click on the **Execution plan** to see **green** status marks on each task.



Execution Plan

Zend_Framework

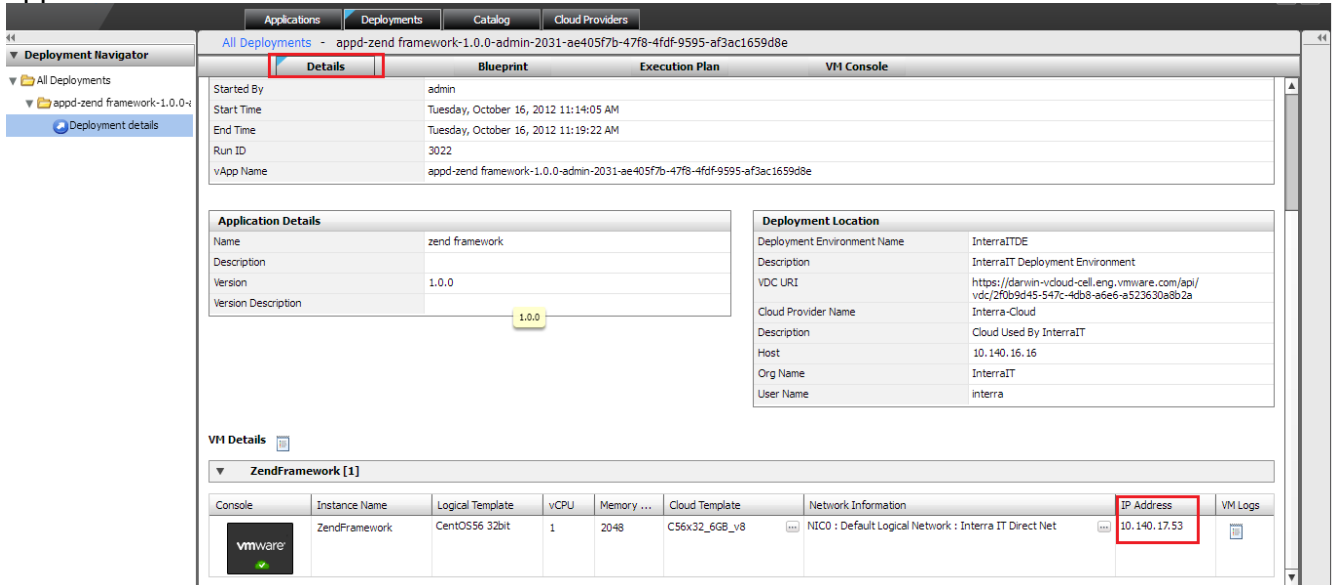
```

graph LR
    START((START Build)) --> INSTALL[Zend_Framework-2-INSTALL]
    INSTALL --> CONFIGURE[Zend_Framework-2-CONFIGURE]
    CONFIGURE --> START_TASK[Zend_Framework-2-START]
    START_TASK --> END((END Build))
  
```

Elapsed Time: 1 m 45 s 725 ms

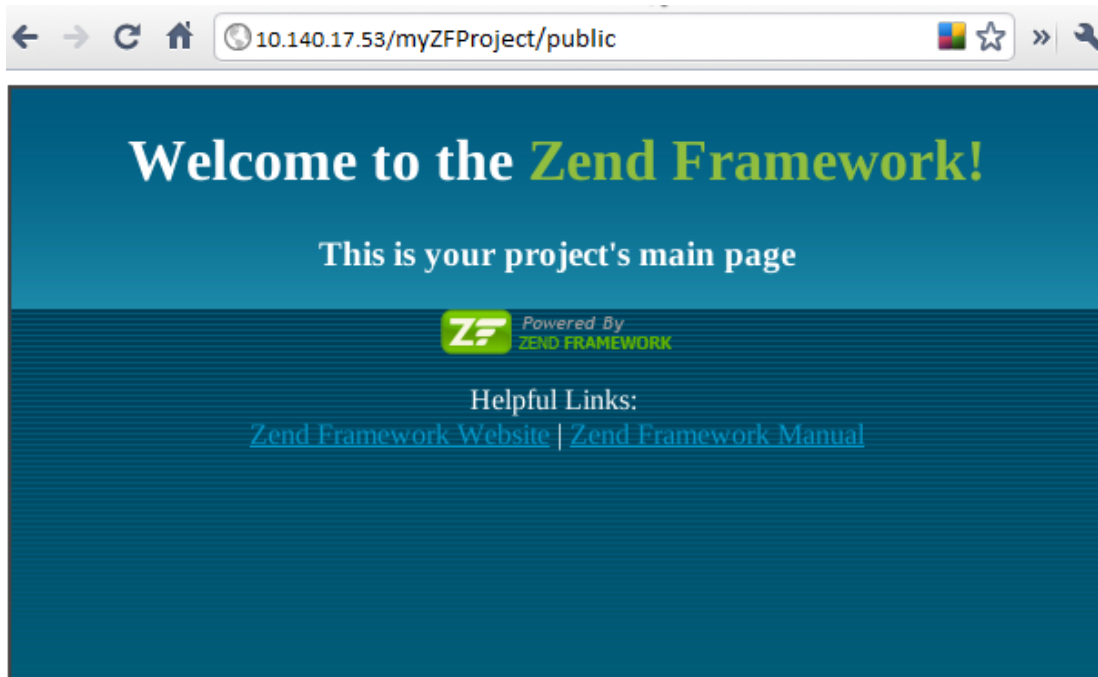
Launching the Application

1. Click on the **Details** tab to get the IP of the machine. You will need this IP to launch the application.



The screenshot shows the 'Details' tab of a deployment named 'appd-zend framework-1.0.0-admin-2031-ae405f7b-47f8-4fdf-9595-af3ac1659d8e'. The 'Details' tab is highlighted with a red box. Below the main deployment information, there are two sections: 'Application Details' and 'Deployment Location'. The 'Application Details' section shows the name 'zend framework', description, version '1.0.0', and version description. The 'Deployment Location' section shows the deployment environment name 'InterraITDE', description, VDC URI, cloud provider name 'Interra-Cloud', description 'Cloud Used By InterraIT', host '10.140.16.16', org name 'InterraIT', and user name 'interra'. At the bottom, the 'VM Details' section shows a table with columns: Console, Instance Name, Logical Template, vCPU, Memory, Cloud Template, Network Information, IP Address, and VM Logs. The 'IP Address' column for the 'ZendFramework [1]' instance is highlighted with a red box and contains the value '10.140.17.53'.

2. Open your Browser and type <http://10.140.17.53/myZFProject/public>. User will be redirected to the page of Zend Framework.



The screenshot shows a web browser window with the address bar displaying '10.140.17.53/myZFProject/public'. The page content is a blue-themed welcome message for the Zend Framework. It says 'Welcome to the Zend Framework!' in large white and green text, followed by 'This is your project's main page'. Below this is the Zend Framework logo and the text 'Powered By ZEND FRAMEWORK'. At the bottom, there are 'Helpful Links:' for 'Zend Framework Website' and 'Zend Framework Manual'.