

MovieProphecy

Installation Guide

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1. Introduction

1.1 Purpose

This document is provided to serve as a template for vendors when they host our application MovieProphecy and in order to provide guidelines on the general rules governing the installation of its contents. The objective of this document is to set up a global rule for vendors to build up their installation documents before they prepare to host our web application.

1.2 Scope

This document is intended for vendors and their team in order concerning the use of correct, well formed, up to date, relevant and clear install documents. It will not cover detailed aspects such as the acceptance or validation procedures, nor the technical environment.

2. Installation Manual

In order to facilitate the vendors' tasks, it is vital to provide the delivery with accurate, exhaustive, complete and clear installation instructions. The main components that have been completely and correctly described are the following:

- System Requirements (Prerequisites)
- Overview of System / Product Features
- Minimal Quick Start Configuration
- Server Installations
- Maintenance, Error Messages and Troubleshooting

3. Overview of System / Product Features

MovieProphecy is an application for an average user to view the success or failure of a movie at the box office. It allows a registered movie executive to scrutinize the performance of a movie by displaying relevant data, charts and graphs.

4. System Requirements (Prerequisites)

In this section a list of system prerequisites are mentioned that must be fulfilled before the hosting of the web based version of our application called MovieProphecy can begin.

- 1 GHz 32-bit (x86) or 64-bit (x64) processor
- 512 MB of system memory
- Hard drive with at least 1 GB of available space
- Internet Information Services (IIS)
- GlassFish Server 4.1
- SQL Server 2012
- Java (JDK/JRE) 6 or above
- .NET framework 4.5
- Internet access
- Web Browser

5. Minimal Quick Start Configuration

As a pre- installation task, the application needs the following servers to be installed, up and running:

a. GlassFish Server 4.1

GlassFish is the reference implementation of Java EE and as such supports Enterprise JavaBeans, JPA, JavaServer Faces, JMS, RMI, JavaServer Pages, servlets, etc.

goto: <https://glassfish.java.net/download.html>

b. SQL Server 2012

Microsoft SQL Server is a relational database management system whose primary function is to store and retrieve data as requested by other software applications.

goto: <http://www.microsoft.com/en-us/server-cloud/products/sql-server/try.aspx>

c. Internet Information Services (IIS)

Internet Information Services (IIS, formerly Internet Information Server) is an extensible web server created by Microsoft for use with Windows NT family.

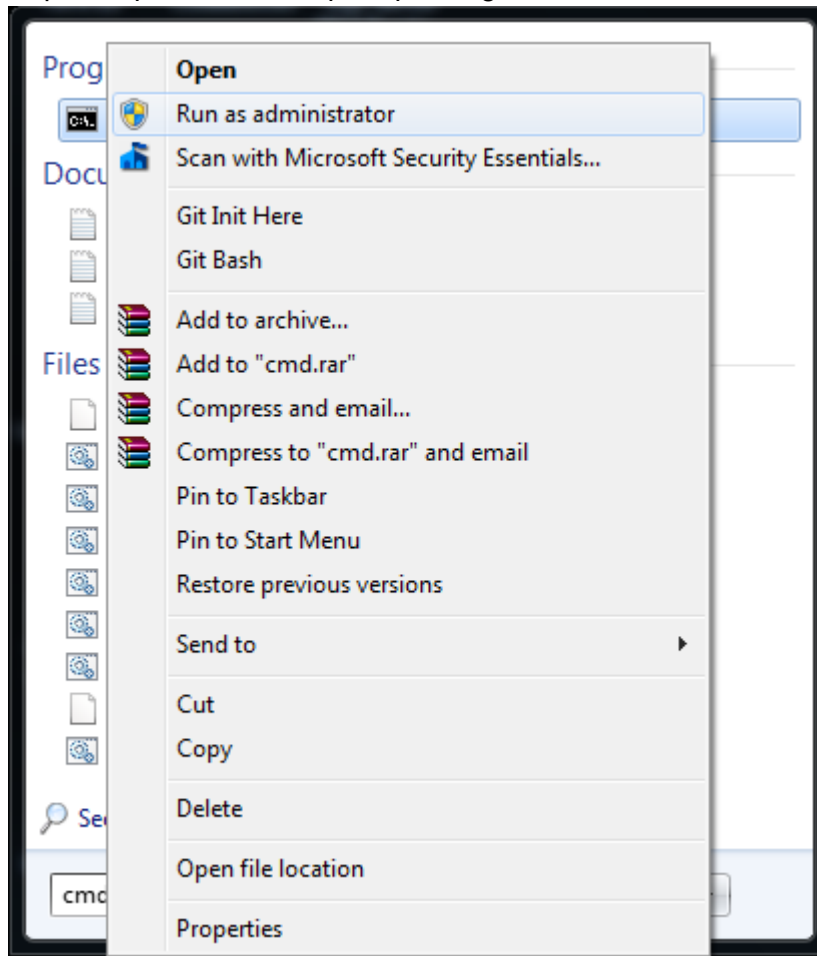
goto: <http://www.iis.net/downloads>

6. Server Installations -

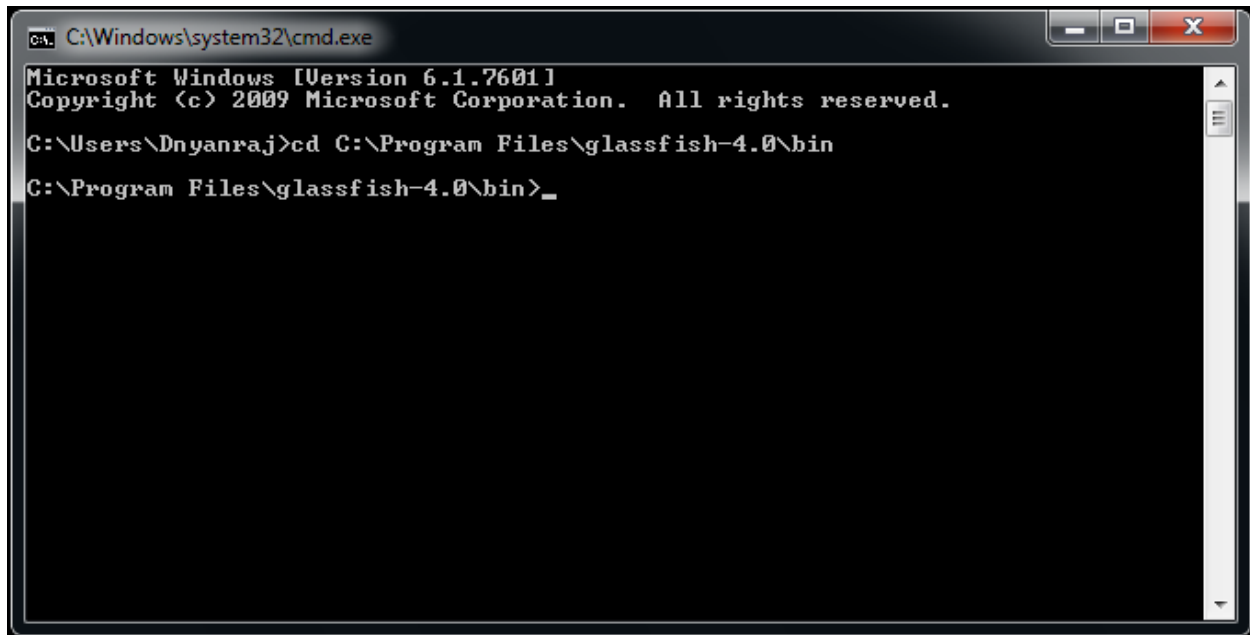
4.1 GlassFish Server 4.1

How to start GlassFish Server 4.1 and deploy the .war file?

Step 1 - Open command prompt using 'Run as administrator'.



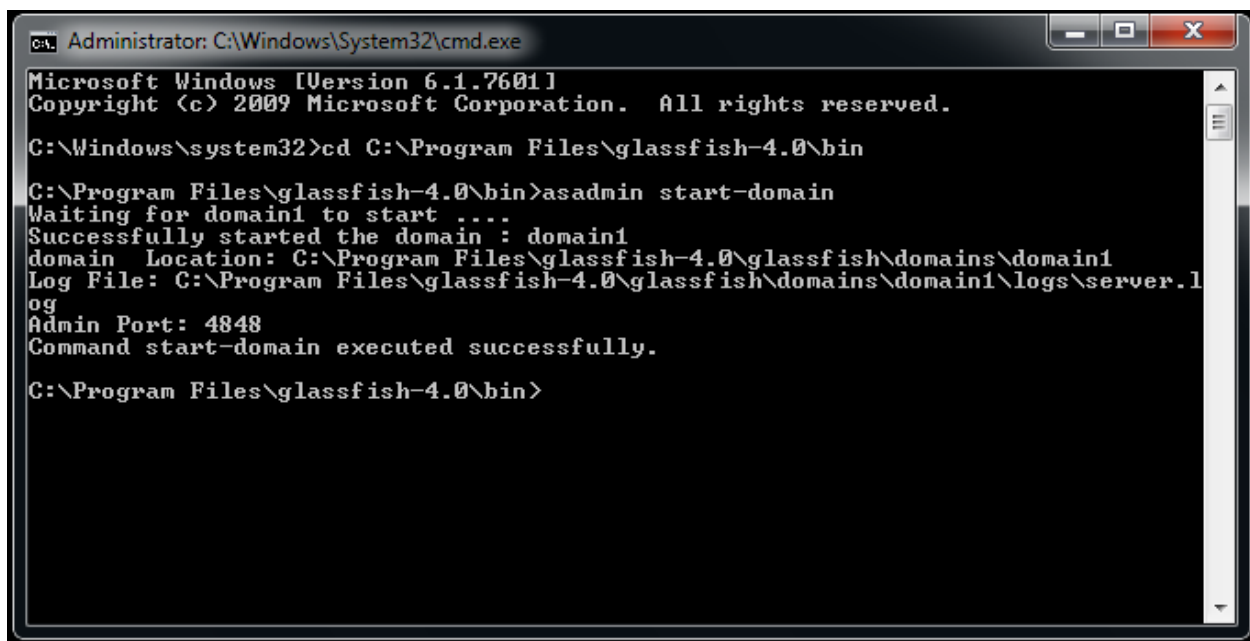
Step 2 - Go to the bin directory in glassfish installation directory



```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Dnyanraj>cd C:\Program Files\glassfish-4.0\bin
C:\Program Files\glassfish-4.0\bin>_
```

Step 3 - Enter command 'asadmin start-domain'

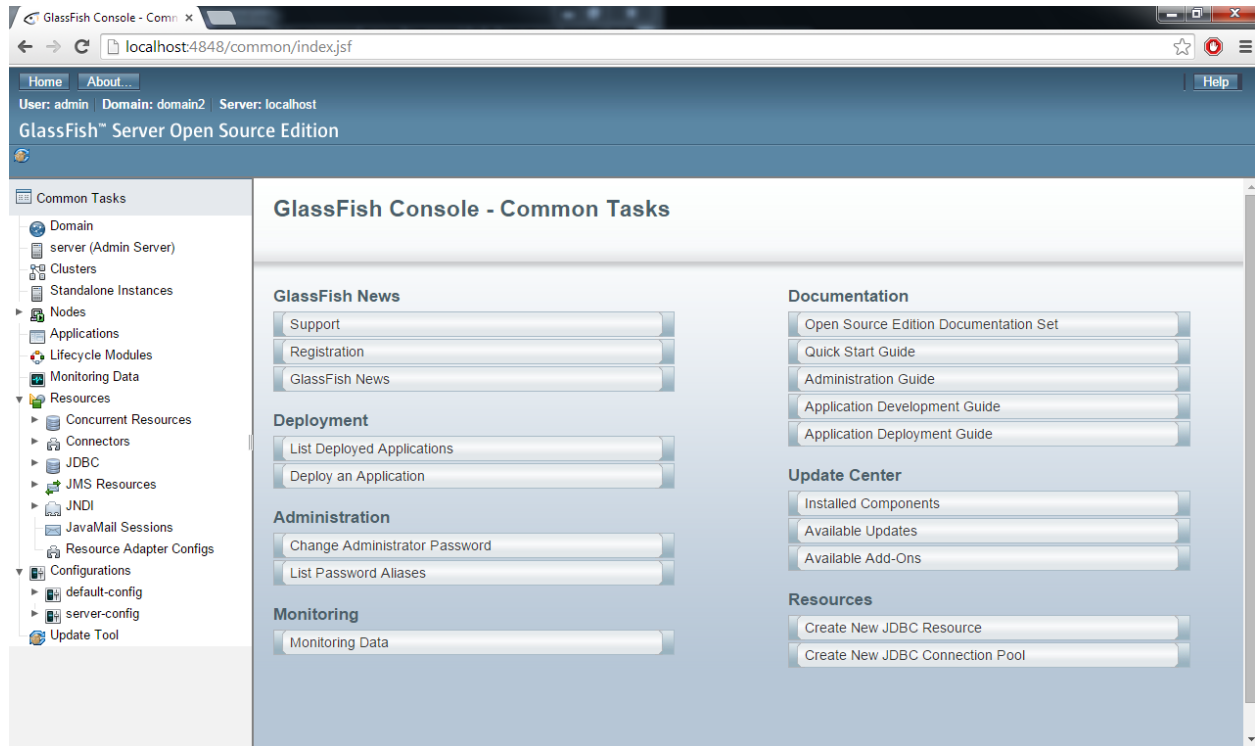


```
Administrator: C:\Windows\System32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

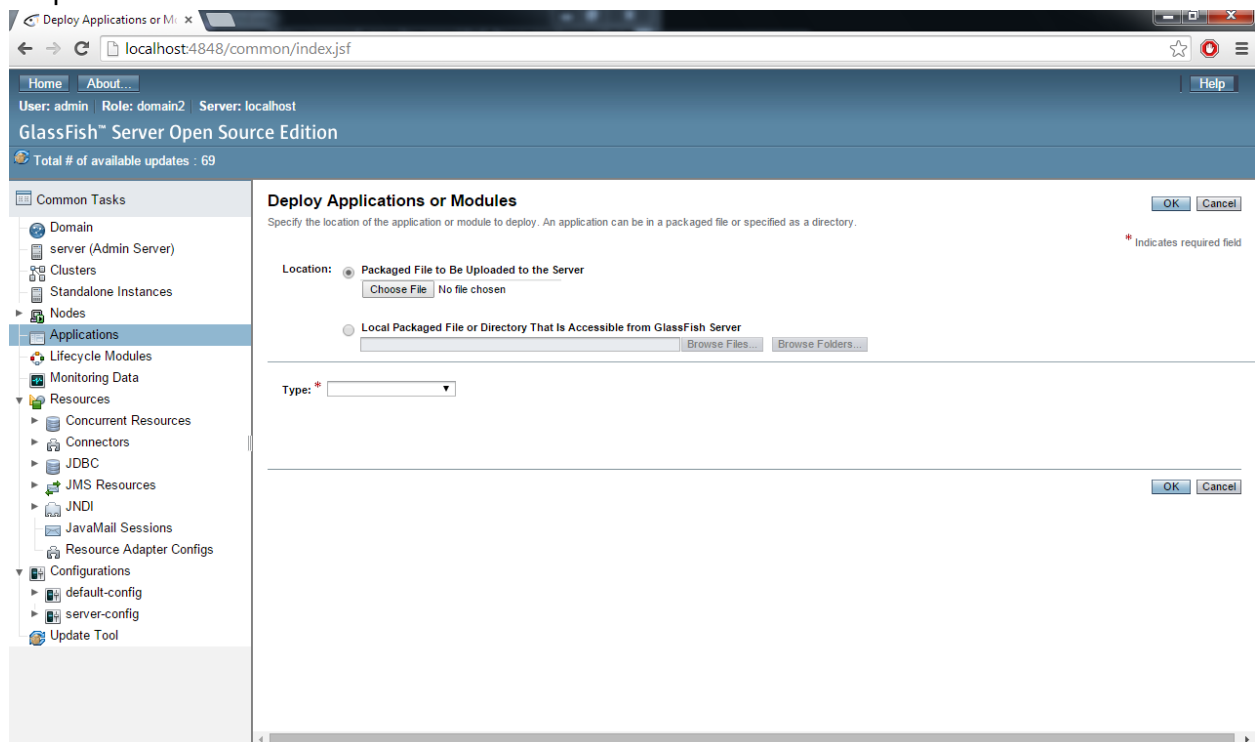
C:\Windows\system32>cd C:\Program Files\glassfish-4.0\bin
C:\Program Files\glassfish-4.0\bin>asadmin start-domain
Waiting for domain1 to start ....
Successfully started the domain : domain1
domain Location: C:\Program Files\glassfish-4.0\glassfish\domains\domain1
Log File: C:\Program Files\glassfish-4.0\glassfish\domains\domain1\logs\server.log
Admin Port: 4848
Command start-domain executed successfully.

C:\Program Files\glassfish-4.0\bin>
```

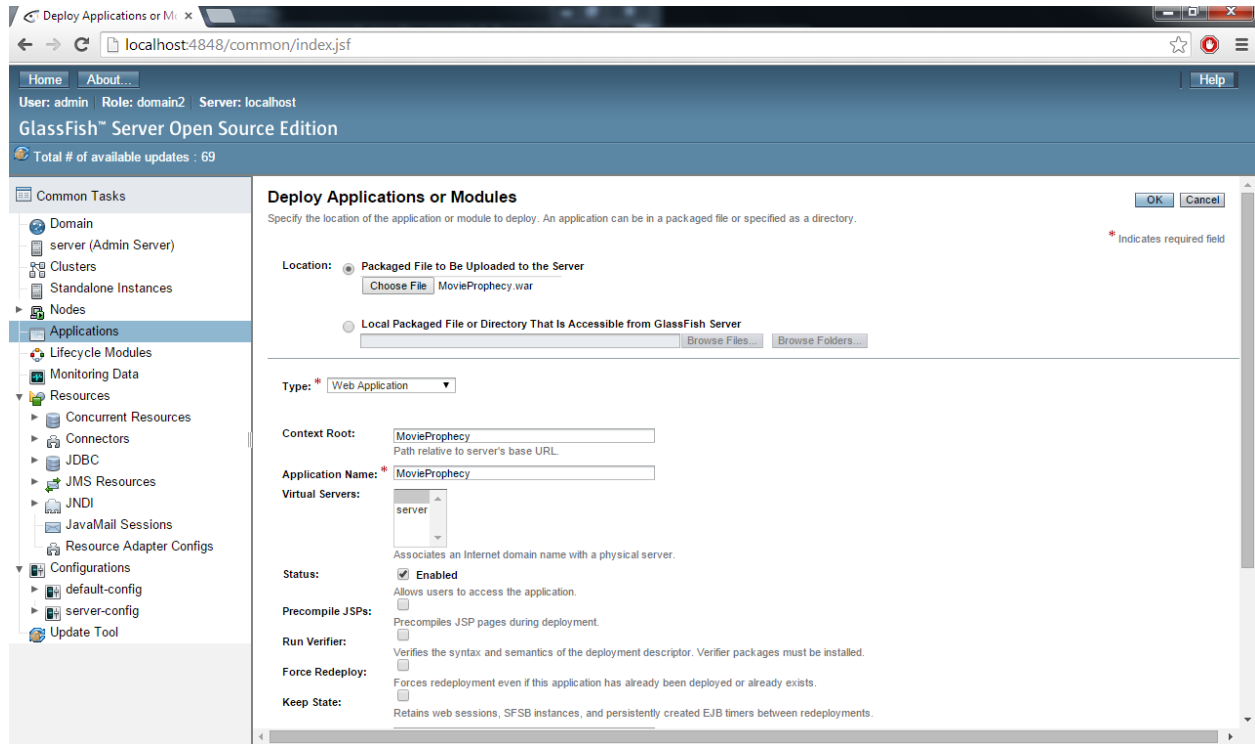
Step 4 - Go to the admin console of glassfish server and click on 'Deploy an Application'



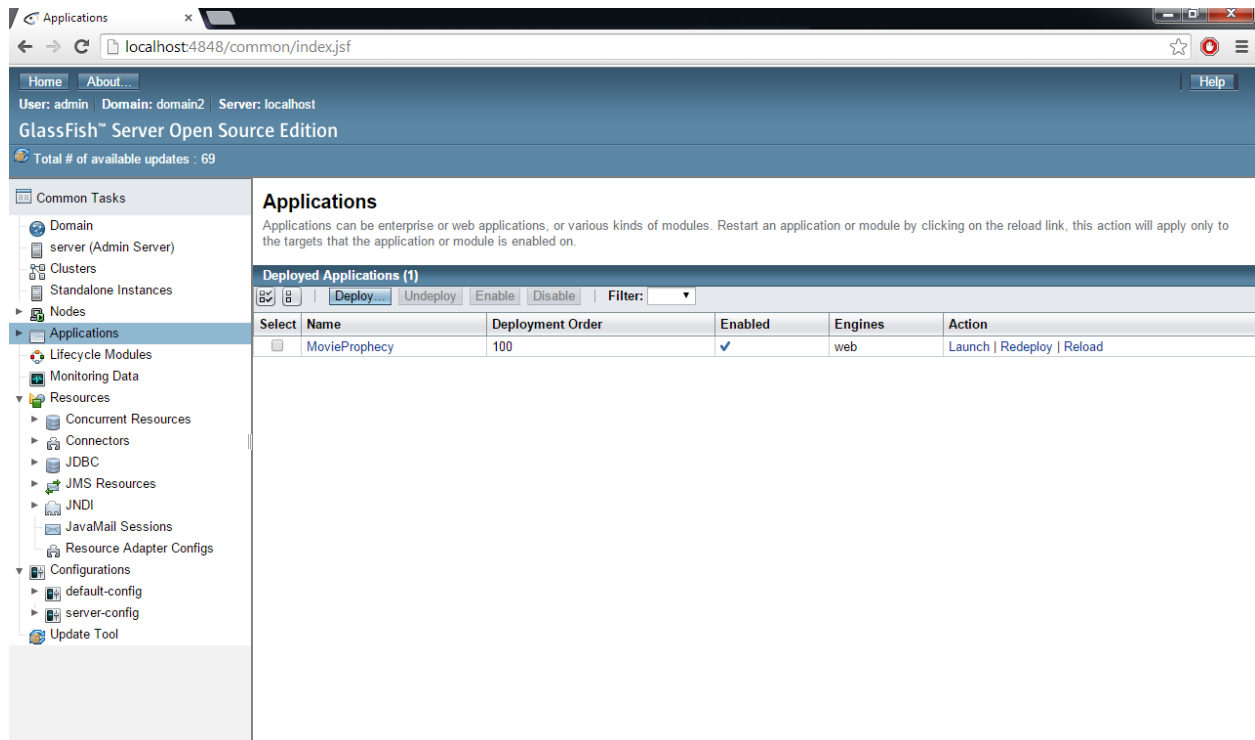
Step 5 - Click on 'Choose File'



Step 6 - Select the .war file using the dialog box and click 'OK'



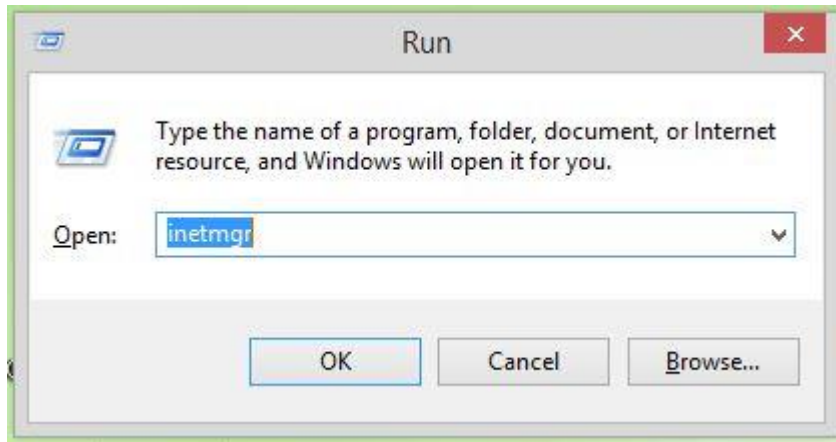
Step 7 - Click 'Launch'



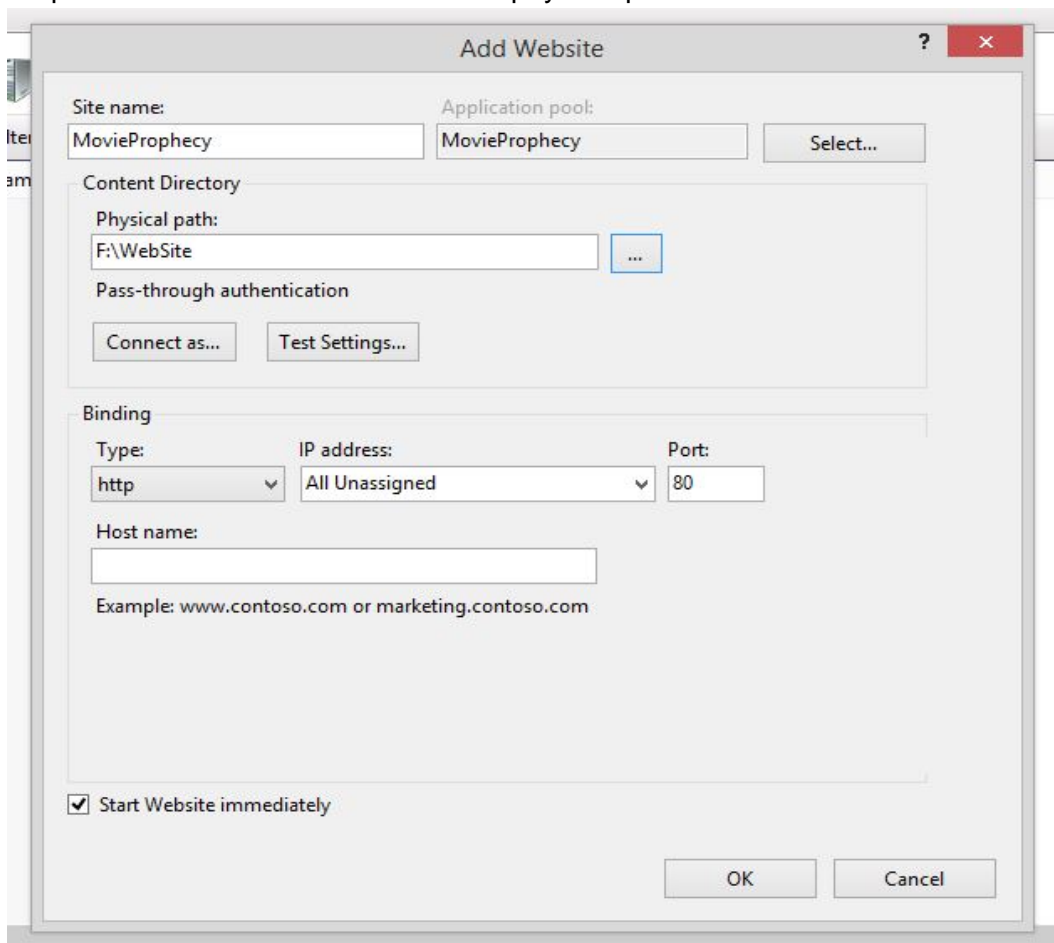
4.2 Internet Information Services (IIS)

How to deploy the website on IIS?


Step 1 - Start IIS



Step 2 - Add the website name and its physical path



Step 3 - Select the website from the applications pool






 **Application Pools**

This page lets you view and manage the list of application pools on the server. Application pools are associated with worker processes, contain one or more applications, and provide isolation among different applications.

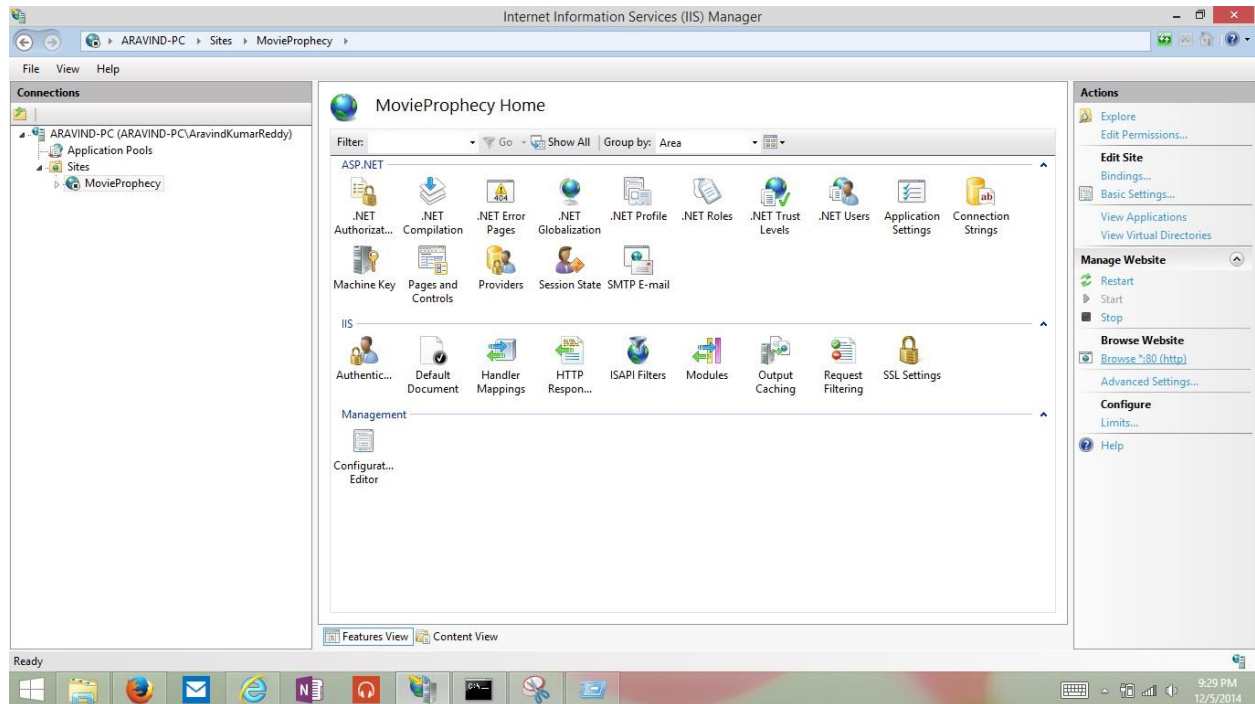
Filter:

Go

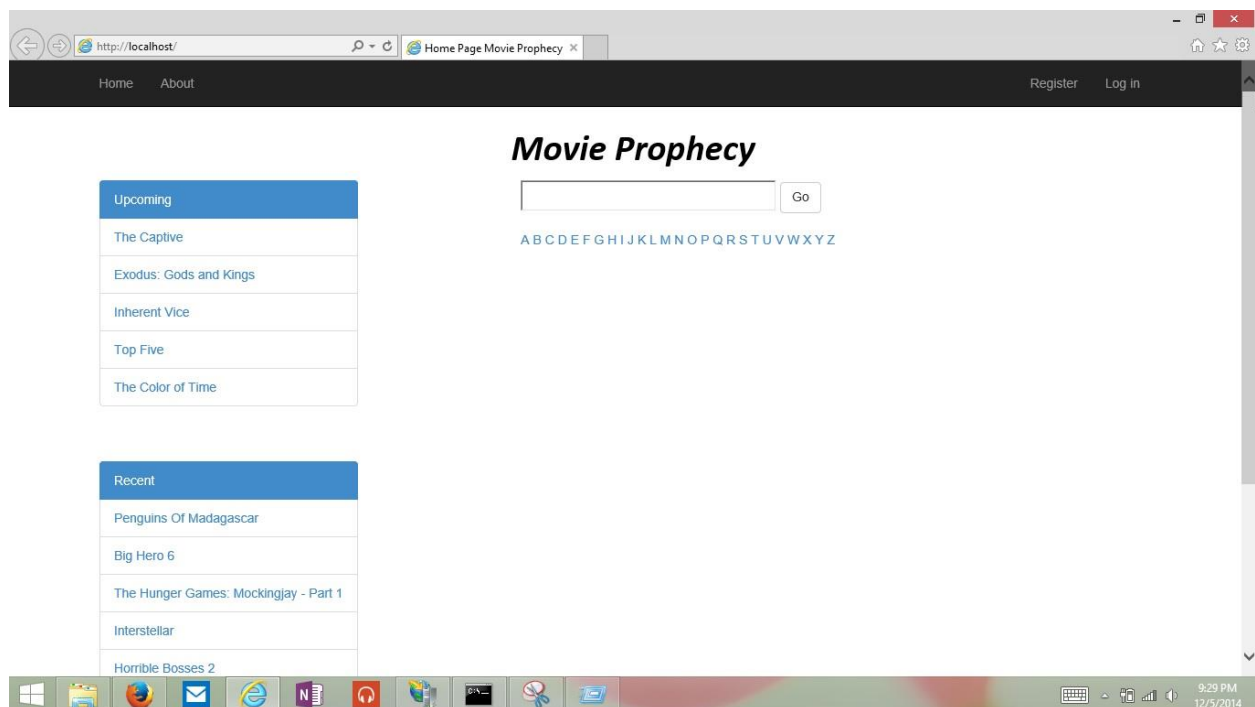
Group by: No Grouping

Name	Status	.NET CLR V...	Managed Pipel...	Identity	Applications
 .NET v4.5	Started	v4.0	Integrated	ApplicationPoolId...	0
 .NET v4.5 Classic	Started	v4.0	Classic	ApplicationPoolId...	0
 DefaultAppPool	Started	v4.0	Integrated	ApplicationPoolId...	0
 MovieProphecy	Started	v4.0	Integrated	ApplicationPoolId...	1
 MP	Started	v4.0	Integrated	LocalSystem	0

Step 4 - Browse the website on a browser



Step 5 - Homepage



7. Maintenance / Error Messages and Troubleshooting

If you get a CDI error, run the following commands:

```
cd ../glassfish4/bin/asadmin start-domain
```

```
asadmin set configs.config.server-config.cdi-service.enable-implicit-cdi=false
```