

# AZURE TRAFFIC MANAGER BY SUBHASH GUNDA

DEEP AZURE @MCKESSON

## Problem Statement

Tech survey ecommerce site need a better solution for their application which is deployed geographically in different zones across the world for them performance and uptime are the main key points to keep their site up and running with no single point of failure.

## Overview of Technology

Microsoft Azure Traffic manager is the point of discussion here. Briefly about it, Microsoft Azure Traffic Manager allows control the distribution of user traffic for service endpoints in different datacenters. Service endpoints supported by traffic manager include Azure VMs, Web Apps, and cloud services. It can also be used with external , non-Azure endpoints.

- Traffic Manager uses DNS to direct client requests to most appropriate endpoint.
- Endpoints based on traffic-routing method and Health of the endpoints.

## **Traffic Manager benefits**

- Improves the availability of critical applications
- Improves the responsiveness of high-performance applications
- Performs service maintenance without downtime
- Combines on-premises and Cloud-based applications
- Distribute traffic for large, complex deployments

## **Traffic Manager routing methods**

Azure traffic Manager supports four traffic-routing methods to determine how to route network traffic to the various service endpoints. Traffic Manager applies the traffic-routing method to each DNS query it receives. Below are four traffic routing methods.

- Priority
- Weighted
- Performance
- Geographic

## High Level Overview of steps

1. Four Azure windows based VMs each with a power shell script
2. Installed Java 1.8 JDK, NetBeans IDE 8.2 along with Glassfish Server 4.1 on all of them
3. Installed Oracle Database 11g Express Edition on one of the VM
4. Ran SQL queries to ingest data on the database
5. Deployed survey and survey admin apps on Glassfish server by changing libraries
6. Updated JDBC connection string to talk to the DB respectively from each GlassFish Server.
7. Ran PowerShell script to Create Azure Traffic Manager Profile 'performance' based
8. Create DNS for the site using DNS Zone and did a CNAME to point to Traffic Manager Profile.

## Data Set

Survey URLs:

<http://gsrworld.techsurvey.com/survey/index.xhtml>

Survey Admin URLs:

<http://gsrworld.techsurvey.com/surveyadmin/home.jsp>

Traffic Manager Survey URLs:

<http://gen-unique.trafficmanager.net/survey/index.xhtml>

Traffic Manager Survey Admin URL:

<http://gen-unique.trafficmanager.net/surveyadmin/home.jsp>

- Online-Survey-System-Java-Project - Size: 3..2 MB
- I haven't included other tools as they are big like netbeans, oracle db and java jdk
- Power shell scripts are included

### **Hardware**

- Windows Server 2012 R2
- Azure Traffic Manager

### **Software:**

- NetBeans IDE 8.2
- GlassFish Server 4.1
- Java JDK 1.8
- Oracle Database 11g Express Edition
- JDBC Driver - ojdbc7.jar
- JSF Libraries – 1.2, 2.2
- My PC with Apache 2.4
- MY PC with host entry change

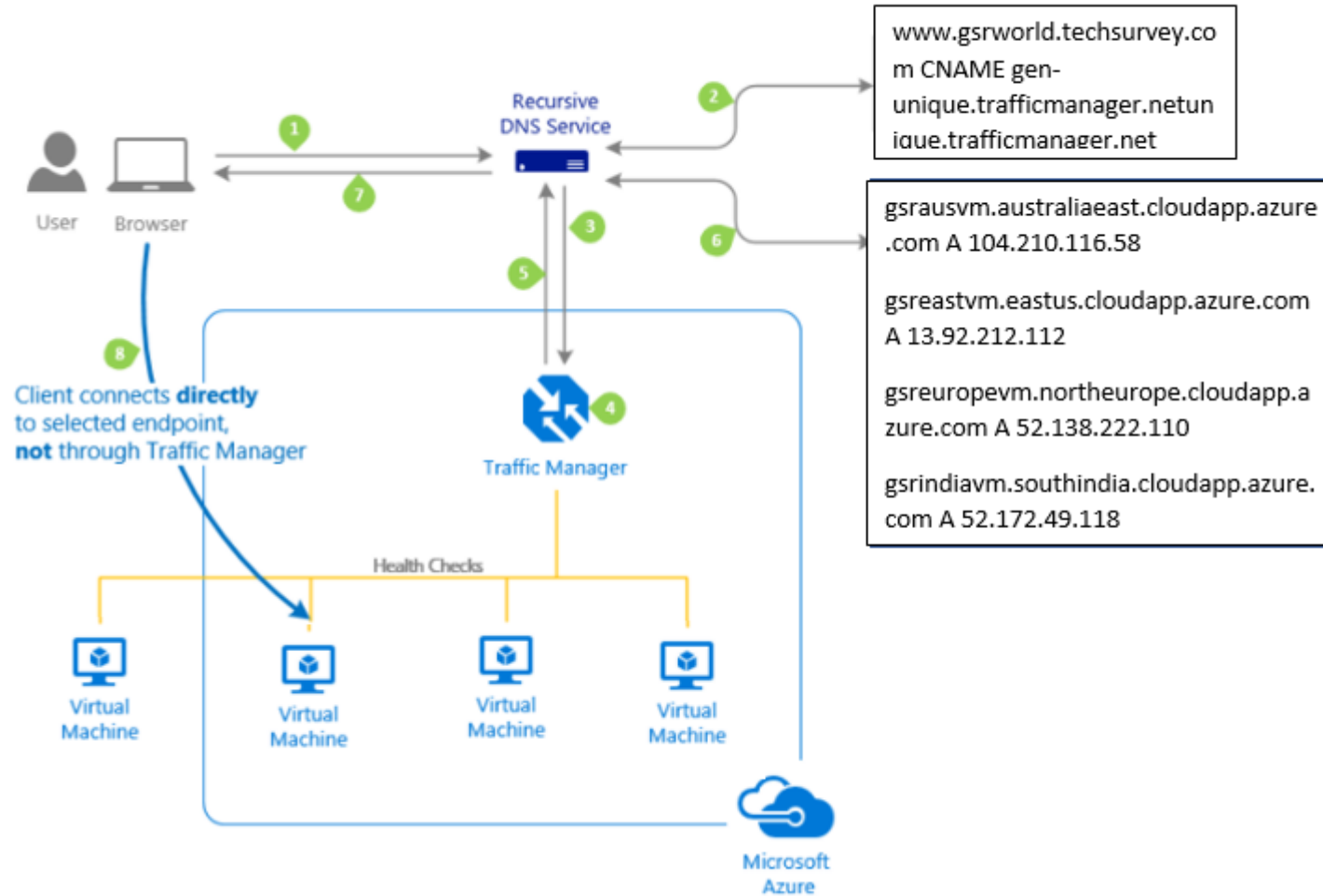
### **References:**

<http://www.codewithc.com/online-survey-system-project-java/>

## Lessons Learned & Pros/Cons

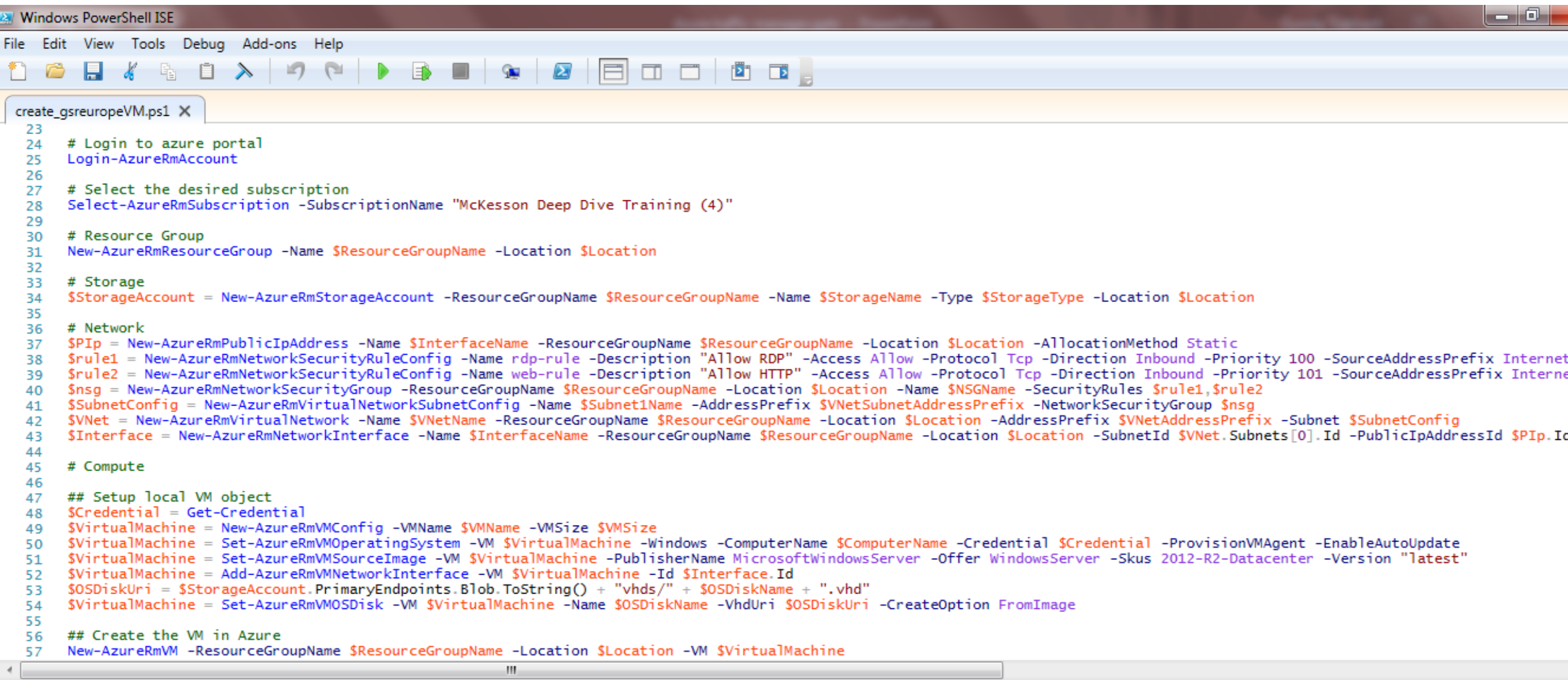
- Need to disable Windows Firewall which was not allowing incoming traffic
- NSGs can be applied at the network interface level or the subnet level for a VM.
- Not able to submit the survey – may be a code but couldn't figure out.
- DNS zone Site DNS CNAME to Azure Traffic Manager Profile not working so I used my PC with apache as a portal DNS Server

## Depiction of flow of Traffic for gsrworld.techsurvey.com Site





# Power Shell Script for the Europe VM And its Execution



```
Windows PowerShell ISE
File Edit View Tools Debug Add-ons Help

create_gsreuropeVM.ps1 X
23
24 # Login to azure portal
25 Login-AzureRmAccount
26
27 # Select the desired subscription
28 Select-AzureRmSubscription -SubscriptionName "McKesson Deep Dive Training (4)"
29
30 # Resource Group
31 New-AzureRmResourceGroup -Name $ResourceGroupName -Location $Location
32
33 # Storage
34 $StorageAccount = New-AzureRmStorageAccount -ResourceGroupName $ResourceGroupName -Name $StorageName -Type $StorageType -Location $Location
35
36 # Network
37 $IP = New-AzureRmPublicIpAddress -Name $InterfaceName -ResourceGroupName $ResourceGroupName -Location $Location -AllocationMethod Static
38 $rule1 = New-AzureRmNetworkSecurityRuleConfig -Name rdp-rule -Description "Allow RDP" -Access Allow -Protocol Tcp -Direction Inbound -Priority 100 -SourceAddressPrefix Internet
39 $rule2 = New-AzureRmNetworkSecurityRuleConfig -Name web-rule -Description "Allow HTTP" -Access Allow -Protocol Tcp -Direction Inbound -Priority 101 -SourceAddressPrefix Internet
40 $nsg = New-AzureRmNetworkSecurityGroup -ResourceGroupName $ResourceGroupName -Location $Location -Name $NSGName -SecurityRules $rule1,$rule2
41 $SubnetConfig = New-AzureRmVirtualNetworkSubnetConfig -Name $Subnet1Name -AddressPrefix $VNetSubnetAddressPrefix -NetworkSecurityGroup $nsg
42 $VNet = New-AzureRmVirtualNetwork -Name $VNetName -ResourceGroupName $ResourceGroupName -Location $Location -AddressPrefix $VNetAddressPrefix -Subnet $SubnetConfig
43 $Interface = New-AzureRmNetworkInterface -Name $InterfaceName -ResourceGroupName $ResourceGroupName -Location $Location -SubnetId $VNet.Subnets[0].Id -PublicIpAddressId $IP.Id
44
45 # Compute
46
47 ## Setup local VM object
48 $Credential = Get-Credential
49 $VirtualMachine = New-AzureRmVMConfig -VMName $VMName -VMSize $VMSize
50 $VirtualMachine = Set-AzureRmVMOperatingSystem -VM $VirtualMachine -Windows -ComputerName $ComputerName -Credential $Credential -ProvisionVMAgent -EnableAutoUpdate
51 $VirtualMachine = Set-AzureRmVMSourceImage -VM $VirtualMachine -PublisherName MicrosoftWindowsServer -Offer WindowsServer -Skus 2012-R2-Datacenter -Version "latest"
52 $VirtualMachine = Add-AzureRmVMNetworkInterface -VM $VirtualMachine -Id $Interface.Id
53 $OSDiskUri = $StorageAccount.PrimaryEndpoints.Blob.ToString() + "vhds/" + $OSDiskName + ".vhd"
54 $VirtualMachine = Set-AzureRmVMOSDisk -VM $VirtualMachine -Name $OSDiskName -VhdUri $OSDiskUri -CreateOption FromImage
55
56 ## Create the VM in Azure
57 New-AzureRmVM -ResourceGroupName $ResourceGroupName -Location $Location -VM $VirtualMachine
```

```
Windows PowerShell
Copyright (C) 2012 Microsoft Corporation. All rights reserved.

PS C:\Users\en12bfb> C:\Users\en12bfb\Desktop\DeepAzure\project\create_gsrindiaVM.ps1
```

```
Environment      : AzureCloud
Account          : Subhash.Gunda@McKesson.com
TenantId         : da67ef1b-ca59-4db2-9a8c-aa8d94617a16
SubscriptionId   : 3258efe1-d8e7-4e11-aa41-7ece0bcd7d88
SubscriptionName : MMS Shared Services
CurrentStorageAccount :
```

```
Account          : Subhash.Gunda@McKesson.com
Environment      : AzureCloud
Subscription     : 86d62b86-1ed2-45c1-8f6c-164c9b3db93a
Tenant           : da67ef1b-ca59-4db2-9a8c-aa8d94617a16
TokenCache       : Microsoft.Azure.Commands.Common.Authentication.AuthenticationStoreTokenCache
VersionProfile   :
ExtendedProperties : {}
```

```
ResourceGroupName : gsrdeepazureindia
Location           : southcentralus
ProvisioningState : Succeeded
Tags               :
TagsTable          :
ResourceId         : /subscriptions/86d62b86-1ed2-45c1-8f6c-164c9b3db93a/resourceGroups/gsrdeepazureindia
```

WARNING: The output object type of this cmdlet will be modified in a future release.

cmdlet Get-Credential at command pipeline position 1  
Supply values for the following parameters:  
Credential

```
RequestId       :
IsSuccessStatusCode : True
StatusCode       : OK
ReasonPhrase     : OK
```

```
PS C:\Users\en12bfb>
```

```
Windows PowerShell
Copyright (C) 2012 Microsoft Corporation. All rights reserved.

PS C:\Users\en12bfb> C:\Users\en12bfb\Desktop\DeepAzure\project\create_gsrausVM.ps1
```

```
Environment      : AzureCloud
Account          : Subhash.Gunda@McKesson.com
TenantId         : da67ef1b-ca59-4db2-9a8c-aa8d94617a16
SubscriptionId   : 3258efe1-d8e7-4e11-aa41-7ece0bcd7d88
SubscriptionName : MMS Shared Services
CurrentStorageAccount :
```

```
Account          : Subhash.Gunda@McKesson.com
Environment      : AzureCloud
Subscription     : 86d62b86-1ed2-45c1-8f6c-164c9b3db93a
Tenant           : da67ef1b-ca59-4db2-9a8c-aa8d94617a16
TokenCache       : Microsoft.Azure.Commands.Common.Authentication.AuthenticationStoreTokenCache
VersionProfile   :
ExtendedProperties : {}
```

```
ResourceGroupName : gsrdeepazureusa
Location           : eastus
ProvisioningState : Succeeded
Tags               :
TagsTable          :
ResourceId         : /subscriptions/86d62b86-1ed2-45c1-8f6c-164c9b3db93a/resourceGroups/gsrdeepazureusa
```

WARNING: The output object type of this cmdlet will be modified in a future release.

cmdlet Get-Credential at command pipeline position 1  
Supply values for the following parameters:  
Credential

```
RequestId       :
IsSuccessStatusCode : True
StatusCode       : OK
ReasonPhrase     : OK
```

```
PS C:\Users\en12bfb>
```

```
Windows PowerShell
Copyright (C) 2012 Microsoft Corporation. All rights reserved.

PS C:\Users\en12bfb> C:\Users\en12bfb\Desktop\DeepAzure\project\create_gsreastVM.ps1
```

```
Environment      : AzureCloud
Account          : Subhash.Gunda@McKesson.com
TenantId         : da67ef1b-ca59-4db2-9a8c-aa8d94617a16
SubscriptionId   : 3258efe1-d8e7-4e11-aa41-7ece0bcd7d88
SubscriptionName : MMS Shared Services
CurrentStorageAccount :
```

```
Account          : Subhash.Gunda@McKesson.com
Environment      : AzureCloud
Subscription     : 86d62b86-1ed2-45c1-8f6c-164c9b3db93a
Tenant           : da67ef1b-ca59-4db2-9a8c-aa8d94617a16
TokenCache       : Microsoft.Azure.Commands.Common.Authentication.AuthenticationStoreTokenCache
VersionProfile   :
ExtendedProperties : {}
```

```
ResourceGroupName : gsrdeepazureeast
Location           : eastus
ProvisioningState : Succeeded
Tags               :
TagsTable          :
ResourceId         : /subscriptions/86d62b86-1ed2-45c1-8f6c-164c9b3db93a/resourceGroups/gsrdeepazureeast
```

WARNING: The output object type of this cmdlet will be modified in a future release.

cmdlet Get-Credential at command pipeline position 1  
Supply values for the following parameters:  
Credential

```
RequestId       :
IsSuccessStatusCode : True
StatusCode       : OK
ReasonPhrase     : OK
```

```
PS C:\Users\en12bfb>
```

```
Windows PowerShell
Copyright (C) 2012 Microsoft Corporation. All rights reserved.

PS C:\Users\en12bfb> C:\Users\en12bfb\Desktop\DeepAzure\project\create_gseuropeVM.ps1
```

```
Environment      : AzureCloud
Account          : Subhash.Gunda@McKesson.com
TenantId         : da67ef1b-ca59-4db2-9a8c-aa8d94617a16
SubscriptionId   : 3258efe1-d8e7-4e11-aa41-7ece0bcd7d88
SubscriptionName : MMS Shared Services
CurrentStorageAccount :
```

```
Account          : Subhash.Gunda@McKesson.com
Environment      : AzureCloud
Subscription     : 86d62b86-1ed2-45c1-8f6c-164c9b3db93a
Tenant           : da67ef1b-ca59-4db2-9a8c-aa8d94617a16
TokenCache       : Microsoft.Azure.Commands.Common.Authentication.AuthenticationStoreTokenCache
VersionProfile   :
ExtendedProperties : {}
```

```
ResourceGroupName : gsrdeepazureeurope
Location           : northeurope
ProvisioningState : Succeeded
Tags               :
TagsTable          :
ResourceId         : /subscriptions/86d62b86-1ed2-45c1-8f6c-164c9b3db93a/resourceGroups/gsrdeepazureeurope
```

WARNING: The output object type of this cmdlet will be modified in a future release.

cmdlet Get-Credential at command pipeline position 1  
Supply values for the following parameters:  
Credential

```
RequestId       :
IsSuccessStatusCode : True
StatusCode       : OK
ReasonPhrase     : OK
```

```
PS C:\Users\en12bfb>
```

```
Account          : Subhash.Gunda@McKesson.com
Environment      : AzureCloud
Subscription     : 86d62b86-1ed2-45c1-8f6c-164c9b3db93a
Tenant           : da67ef1b-ca59-4db2-9a8c-aa8d94617a16
TokenCache       : Microsoft.Azure.Commands.Common.Authentication.AuthenticationStoreTokenCache
VersionProfile   :
ExtendedProperties : {}
```

```
ResourceGroupName : gsrdeepazureeurope
Location           : northeurope
ProvisioningState : Succeeded
Tags               :
TagsTable          :
ResourceId         : /subscriptions/86d62b86-1ed2-45c1-8f6c-164c9b3db93a/resourceGroups/gsrdeepazureeurope
```

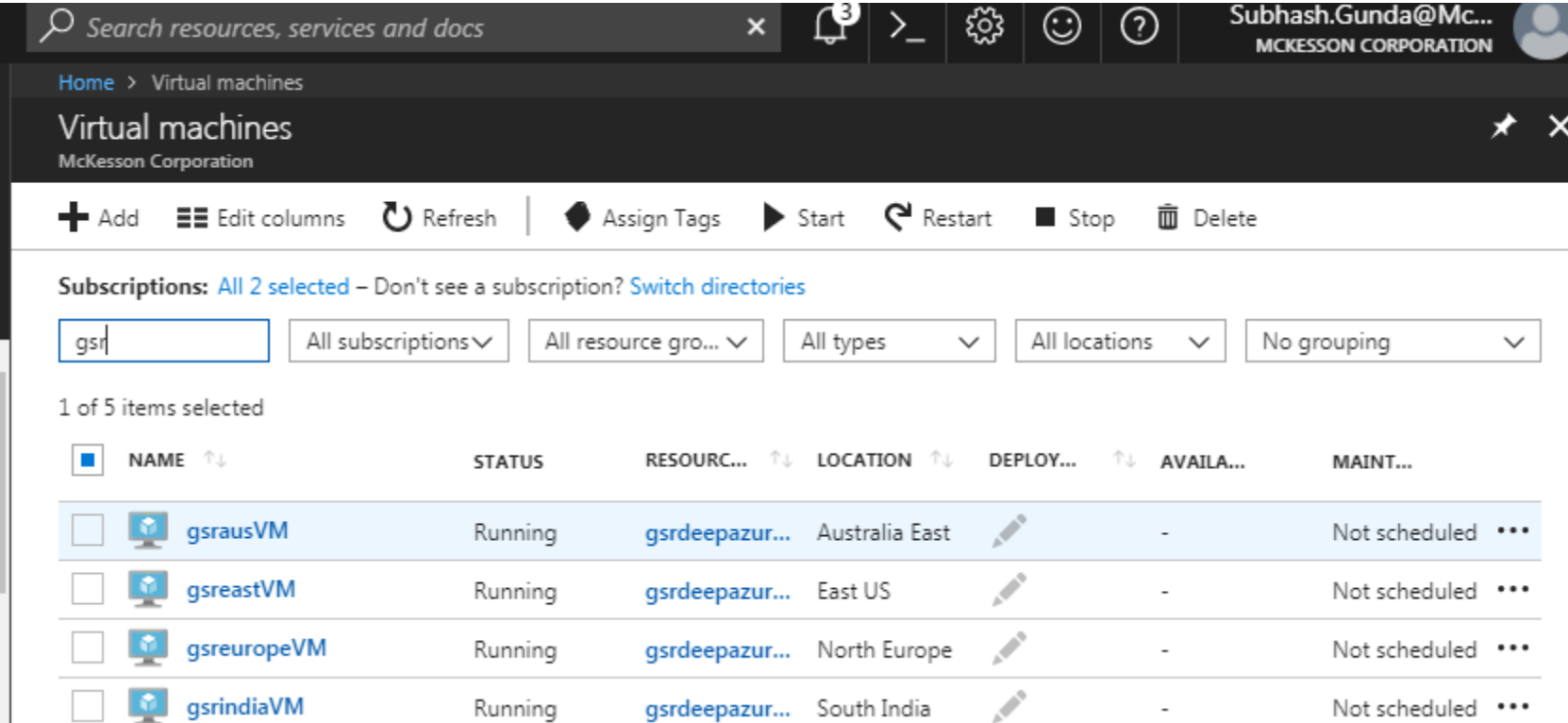
WARNING: The output object type of this cmdlet will be modified in a future release.

cmdlet Get-Credential at command pipeline position 1  
Supply values for the following parameters:  
Credential

```
RequestId       :
IsSuccessStatusCode : True
StatusCode       : OK
ReasonPhrase     : OK
```

```
PS C:\Users\en12bfb>
```

## List of all the VMs on Azure portal after Execution



The screenshot displays the Azure portal interface for managing virtual machines. At the top, there is a search bar and a navigation menu. The main header shows 'Virtual machines' for 'McKesson Corporation'. Below this, a toolbar contains actions like 'Add', 'Edit columns', 'Refresh', 'Assign Tags', 'Start', 'Restart', 'Stop', and 'Delete'. A filter section shows 'Subscriptions: All 2 selected' and various dropdown menus for filtering by subscription, resource group, type, location, and grouping. Below the filters, it indicates '1 of 5 items selected'. The main content is a table listing four virtual machines: gsrausVM, gsreastVM, gsreuropeVM, and gsrindiaVM. Each row shows the VM name, status (Running), resource group (gsrdeepazur...), location (Australia East, East US, North Europe, South India), deployment script icon, availability, and maintenance status (Not scheduled).

Search resources, services and docs

Home > Virtual machines

### Virtual machines









McKesson Corporation

+ Add Edit columns Refresh Assign Tags Start Restart Stop Delete

Subscriptions: All 2 selected – Don't see a subscription? [Switch directories](#)

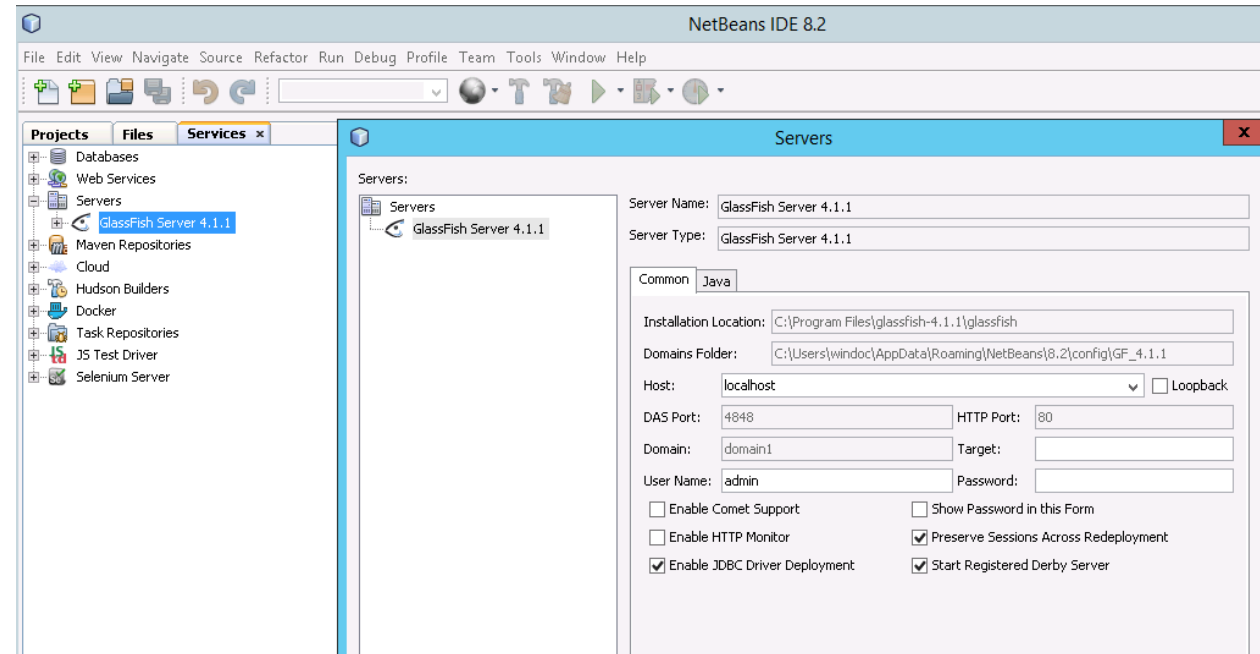
gsr All subscriptions All resource gro... All types All locations No grouping

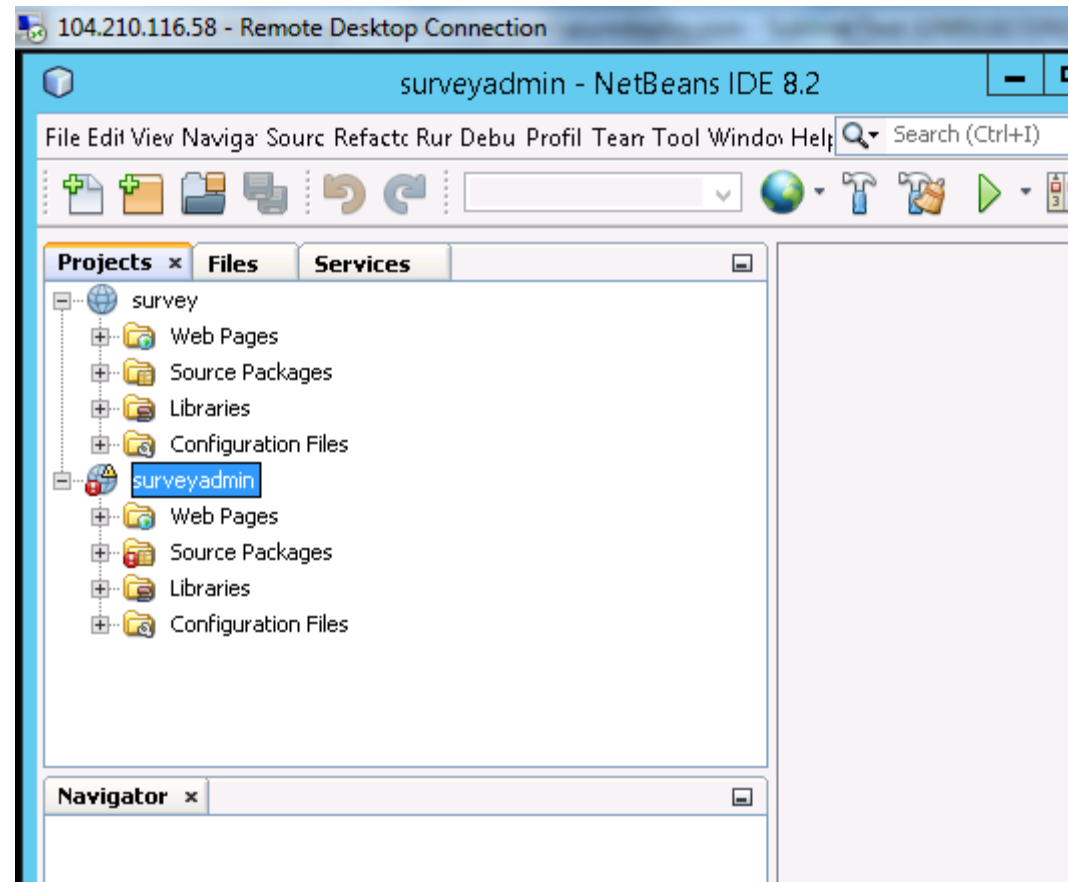
1 of 5 items selected

<input checked="" type="checkbox"/>	NAME ↑↓	STATUS	RESOURC... ↑↓	LOCATION ↑↓	DEPLOY... ↑↓	AVAILA...	MAINT...
<input checked="" type="checkbox"/>	 gsrausVM	Running	gsrdeepazur...	Australia East		-	Not scheduled ...
<input type="checkbox"/>	 gsreastVM	Running	gsrdeepazur...	East US		-	Not scheduled ...
<input type="checkbox"/>	 gsreuropeVM	Running	gsrdeepazur...	North Europe		-	Not scheduled ...
<input type="checkbox"/>	 gsrindiaVM	Running	gsrdeepazur...	South India		-	Not scheduled ...

## Software Installation

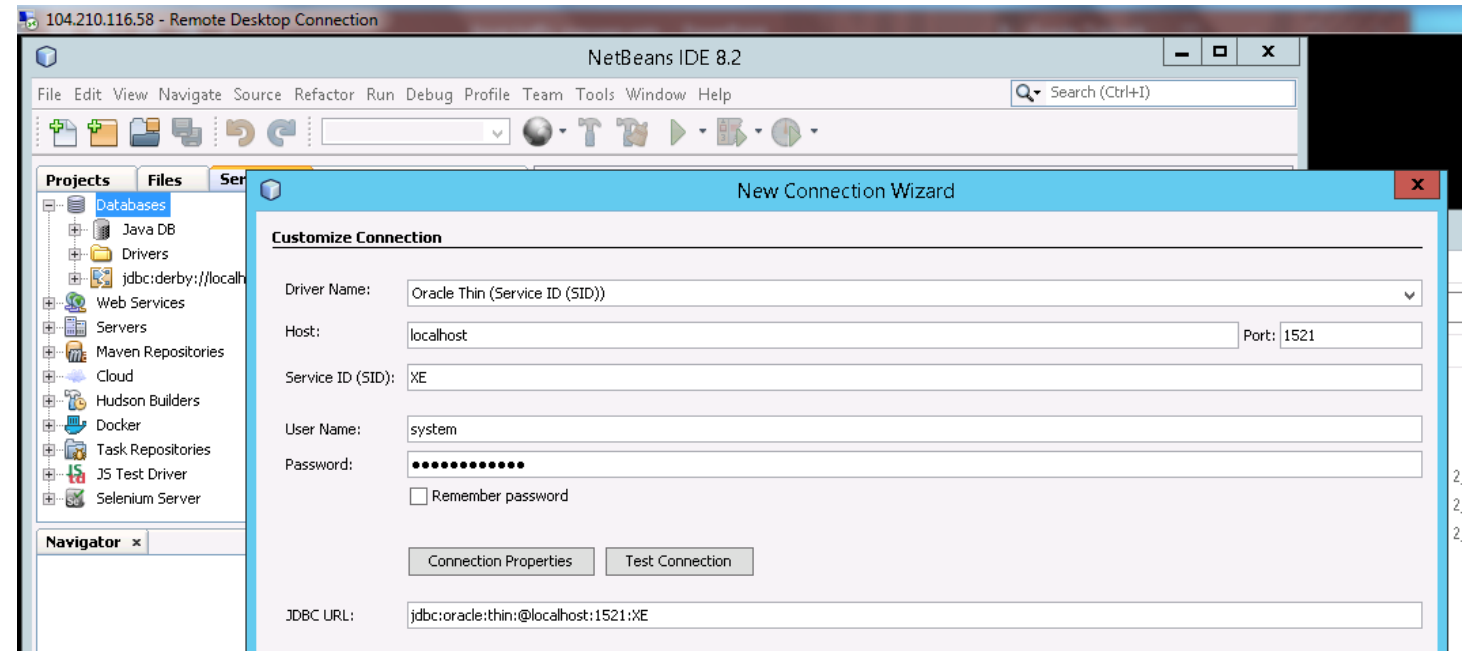
- RDP to the VMS
- Install Java 1.8 JDK
- Install NetBeans 8.2 along with GlassFish Server
- Update port for GlassFish Server to be 80





## Oracle Database 11g Express Edition Steps

- Install Oracle Database 11g Express Edition on one of the VM in this case Australia VM
- Connect to the DB with IDS and ingest data from web app folder



## Ingesting Data in to the DB

104.210.116.58 - Remote Desktop Connection

NetBeans IDE 8.2

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Search (Ctrl+I)

Projects Files Services x

- Databases
  - Java DB
  - Drivers
  - jdbc:derby://localhost:1527/sample [app on APP]
  - jdbc:oracle:thin:@localhost:1521:XE [survey on SURVEY]
  - jdbc:oracle:thin:@localhost:1521:XE [system on SYSTEM]
- Web Services
- Servers
- Maven Repositories
- Cloud
- Hudson Builders
- Docker
- Task Repositories

Navigator x

<No View Available>

SQL 1 [jdbc:oracle:thin:@localho...] x

Connection: jdbc:oracle:thin:@localhost:1521:XE [system on SYSTEM]

```
3 password varchar2(10)
4 );
5
6 insert into users values('abc','abc');
7 insert into users values('def','d');
8
9 create table topics
10 ( topicid number(5) primary key,
11   topictitle varchar2(50),
12   addedon date default sysdate,
13   uname varchar2(10) references users(uname)
14 );
15
16
17 insert into topics values(1001,'Programming Languages',sysdate,'abc');
18 insert into topics values(1002,'Web Frameworks',sysdate,'abc');
19
20
```

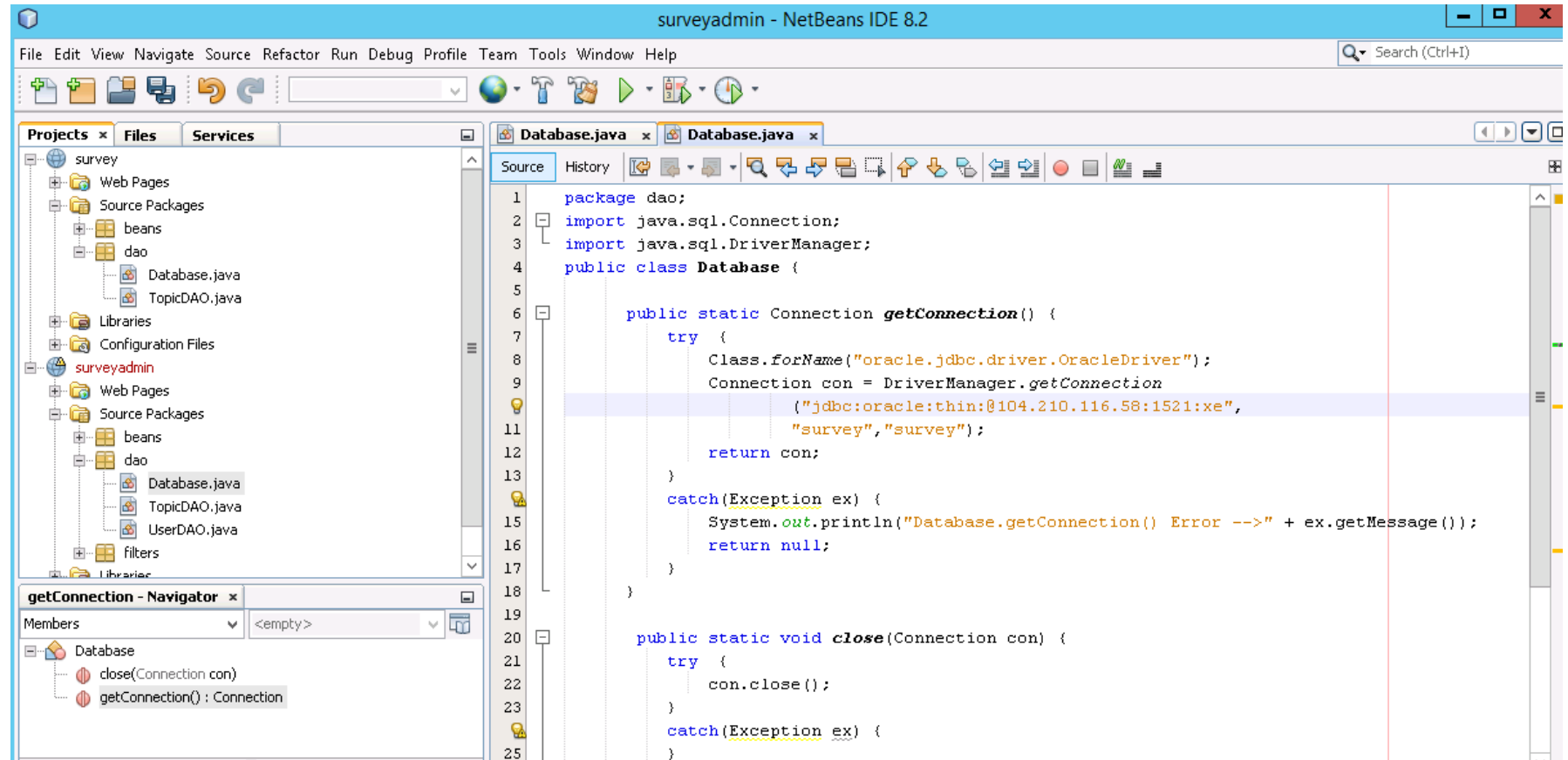
Output - SQL 1 execution x

Executed successfully in 0.019 s.  
1 row affected.  
Line 74, column 1

Execution finished after 1.332 s, no errors occurred.

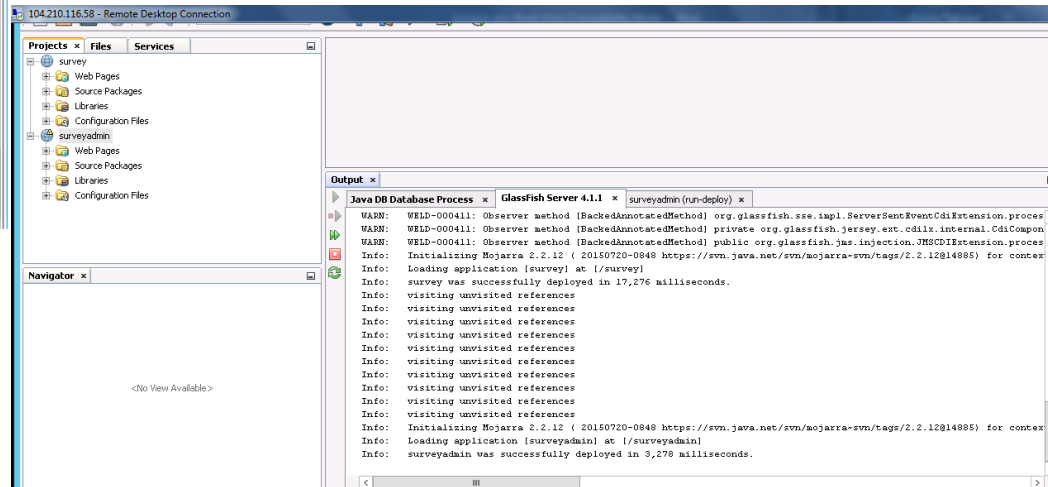
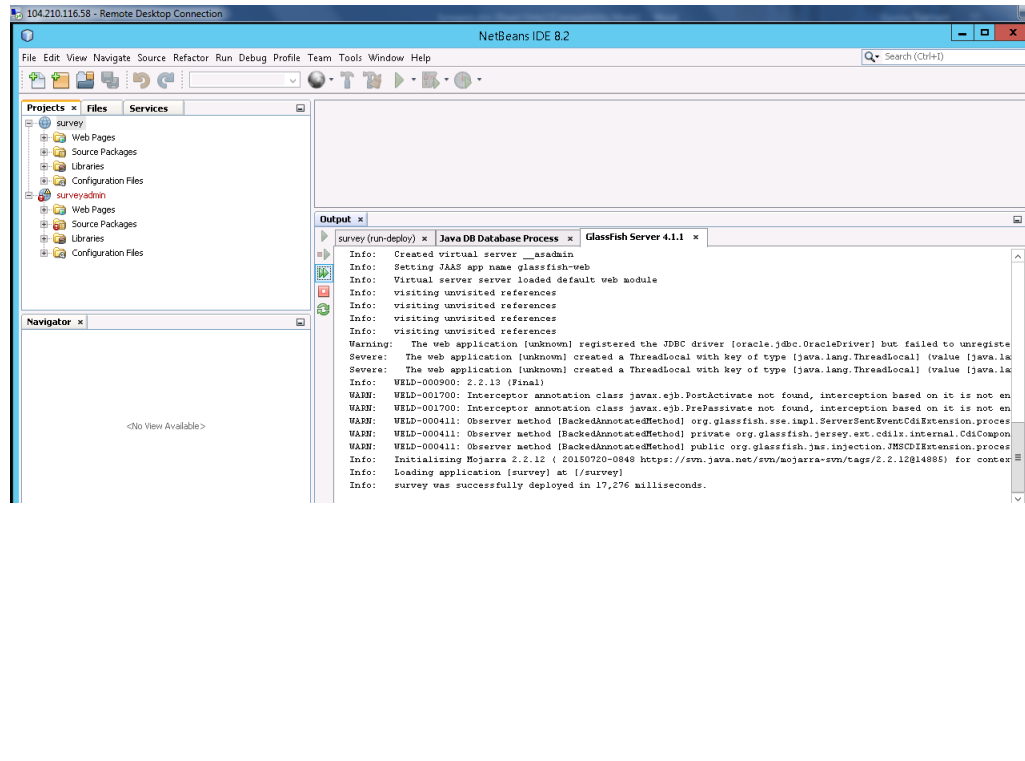
## Java Program Changes

- Import surveyy and surveyadmin projects in to the IDE
- Make changes to Database.java file on eastus, india, Europe VMs to point to the public IP of Australia VM database instance



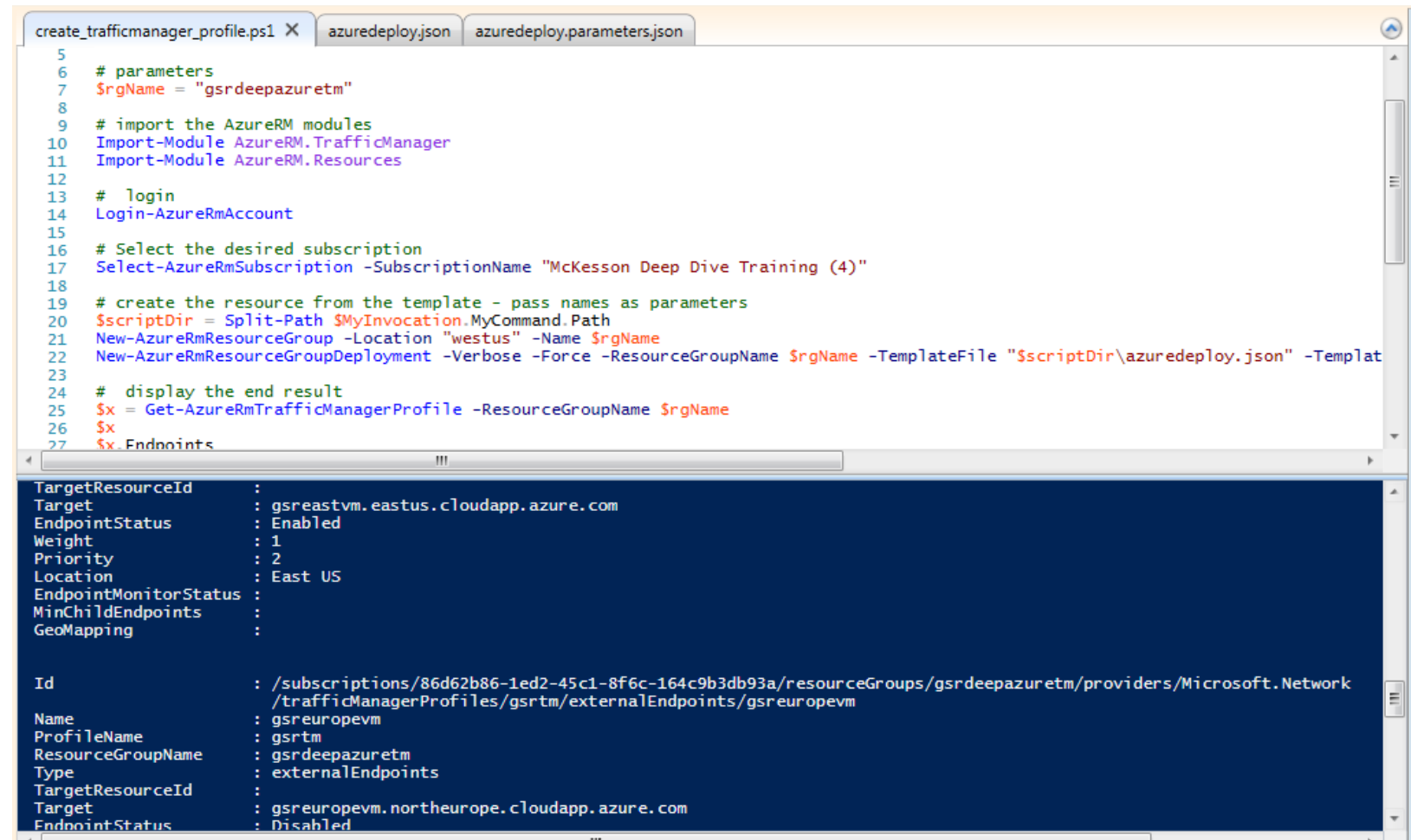


## Deploy Changes



## Create Azure Traffic Manager Profile

- File updated to include the end points
- Run the power shell Script
- create\_trafficmanager\_profile.ps1
- Azuredeploy
- azuredeploy.parameters



The screenshot shows a PowerShell script named `create_trafficmanager_profile.ps1` and its output. The script defines parameters, imports AzureRM modules, logs in, selects a subscription, creates a resource group, and then creates a Traffic Manager profile with an endpoint. The output displays the details of the created Traffic Manager profile.

```
5
6 # parameters
7 $rgName = "gsrdeepazuretm"
8
9 # import the AzureRM modules
10 Import-Module AzureRM.TrafficManager
11 Import-Module AzureRM.Resources
12
13 # login
14 Login-AzureRmAccount
15
16 # Select the desired subscription
17 Select-AzureRmSubscription -SubscriptionName "McKesson Deep Dive Training (4)"
18
19 # create the resource from the template - pass names as parameters
20 $scriptDir = Split-Path $MyInvocation.MyCommand.Path
21 New-AzureRmResourceGroup -Location "westus" -Name $rgName
22 New-AzureRmResourceGroupDeployment -Verbose -Force -ResourceGroupName $rgName -TemplateFile "$scriptDir\azuredeploy.json" -Templat
23
24 # display the end result
25 $x = Get-AzureRmTrafficManagerProfile -ResourceGroupName $rgName
26 $x
27 $x.Endpoints
```


Output:

```
TargetResourceId : gsreastvm.eastus.cloudapp.azure.com
Target           : gsreastvm.eastus.cloudapp.azure.com
EndpointStatus   : Enabled
Weight           : 1
Priority          : 2
Location         : East US
EndpointMonitorStatus :
MinChildEndpoints :
GeoMapping       :

Id               : /subscriptions/86d62b86-1ed2-45c1-8f6c-164c9b3db93a/resourceGroups/gsrdeepazuretm/providers/Microsoft.Network
                  /trafficManagerProfiles/gstrtm/externalEndpoints/gstreuropevm
Name             : gstreuropevm
ProfileName      : gstrtm
ResourceGroupName : gsrdeepazuretm
Type             : externalEndpoints
TargetResourceId  :
Target           : gstreuropevm.northeurope.cloudapp.azure.com
EndpointStatus   : Disabled
```

## Configuration of Traffic Manager Profile

Home > Resource groups > gsrdeepazuretm > gsrtm

 **gsrtm**  
Traffic Manager profile

Search (Ctrl+ /)

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

SETTINGS

Configuration

Real user measurements

Traffic view

Endpoints

Properties

Locks

▶ Enable profile

■ Disable profile

↻ Refresh

➔ Move

🗑 Delete profile

Essentials ^

Resource group (change)  
gsrdeepazuretm

Status  
Enabled

Subscription name (change)  
McKesson Deep Dive Training (4)

Subscription ID  
86d62b86-1ed2-45c1-8f6c-164c9b3db93a

DNS name  
<http://gen-unique.trafficmanager.net>

Monitor status  
Online

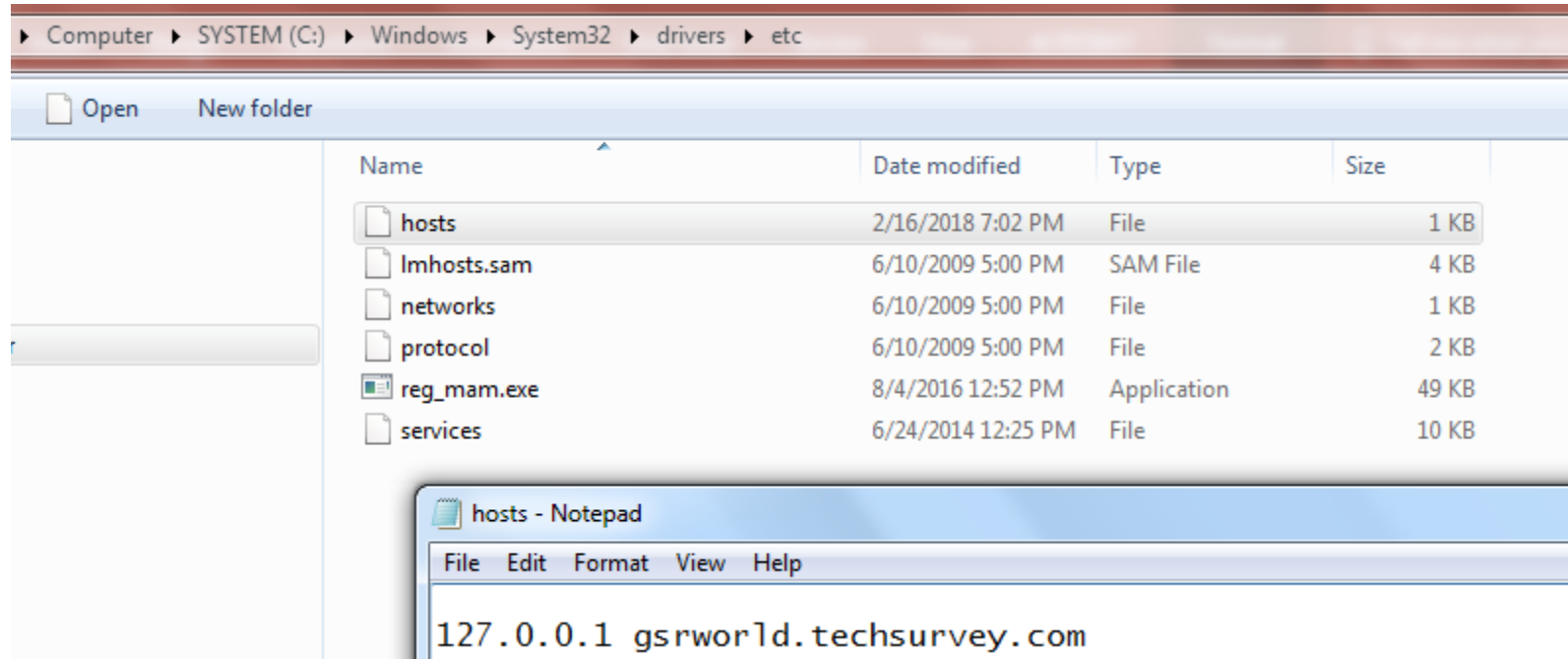
Routing method  
Performance

Search endpoints

NAME	↑↓ STATUS	↑↓ MONITOR STATUS	↑↓ TYPE	↑↓ LOCATION
gsrausvm	Enabled	Online	External endpoint	Australia East
gsreastvm	Enabled	Checking endpoint	External endpoint	East US
gsreuropevm	Disabled	Disabled	External endpoint	East US
gsrindiavm	Enabled	Checking endpoint	External endpoint	South India

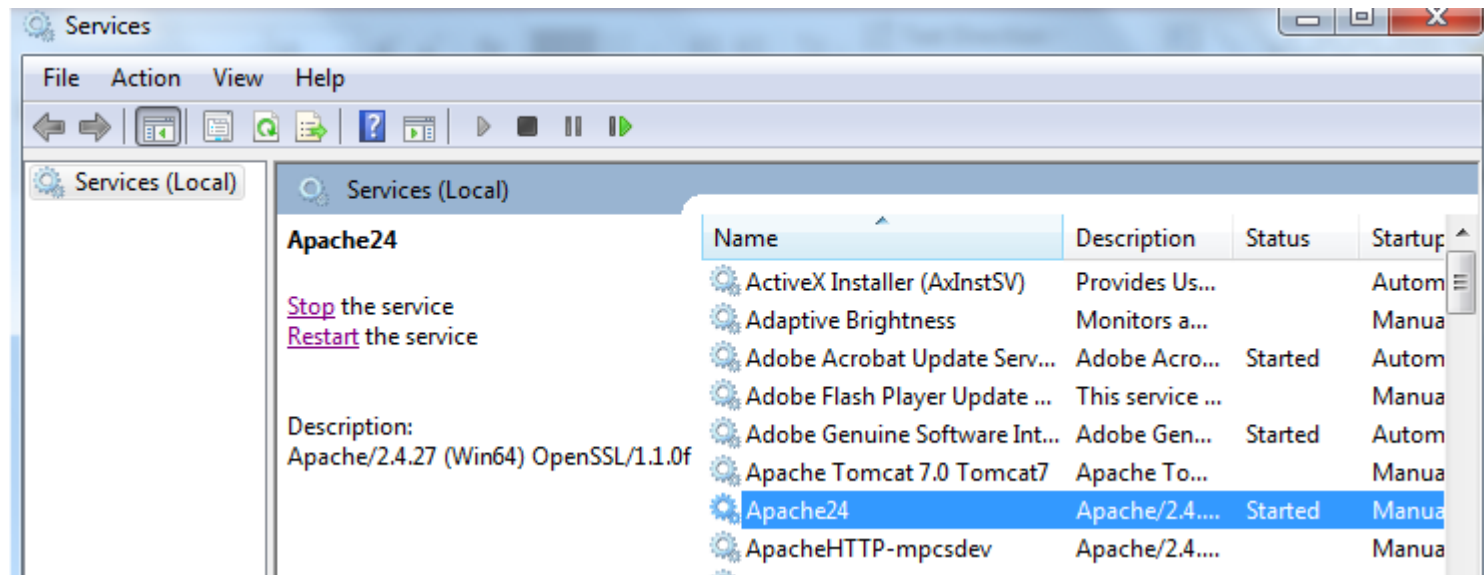
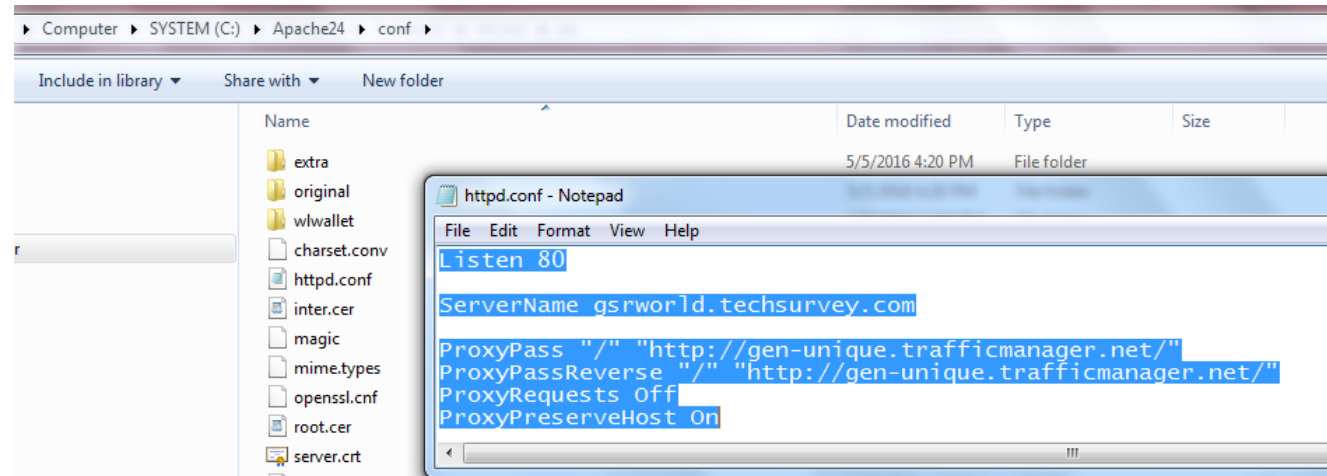
## Hosts Entry Change on a workstation

As really don't have a DNS to play with I am using my pc with hosts entry change to mimic the demo.



## Install Apache and Configure on Workstation

- Install Apache 2.4
- Configure to include the servername
- Use reverse proxy to route traffic to Traffic Manager
- Start Apache 2.4 service



## Access Site to Submit Survey

← → ↻ gsrworld.techsurvey.com/survey/index.xhtml


Apps Imported From IE Understanding Just-It Community Associati WebLogic middlewaresupport.w The Visa E

# Survey

## Select Topic

Available Topics :

Click on Submit button to start participating in the survey.

  
topic of the day

← → ↻ gsrworld.techsurvey.com/survey/index.xhtml;jsessionid=11ded1f0cc7719ddcf15e3027c51

Imported From IE Understanding Just-It Community Associati WebLogic middlewaresupport.w

# Survey

Question : 1/ 2


## What is your fav. dynamic Language

☐ Javascript

☒ Ruby

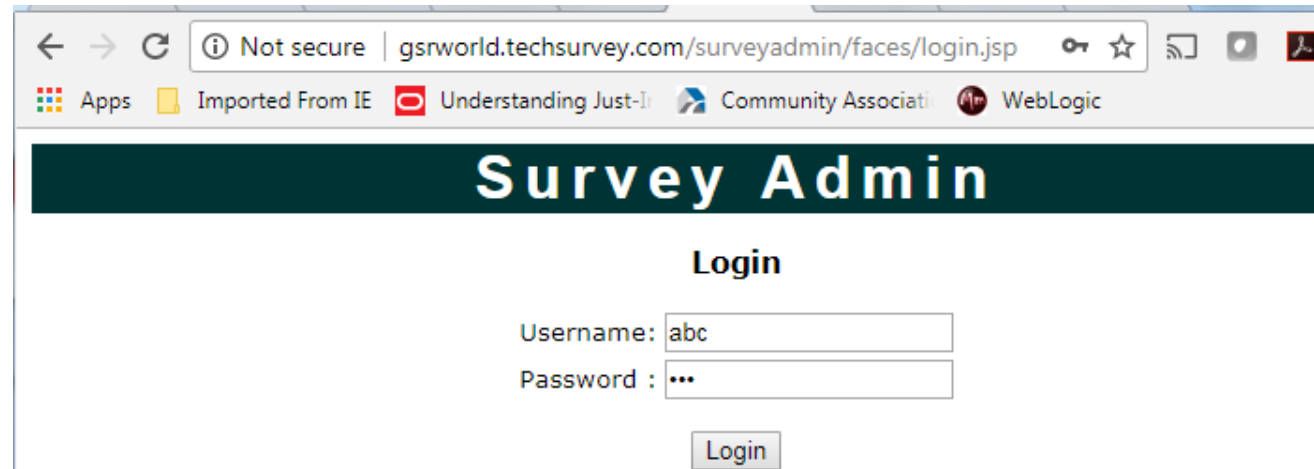
☐ Python

- Click on NEXT button for next question
- Click on PREVIOUS button for previous question
- Click on FINISH to finish your survey
- Click on CANCEL button to cancel this survey and go to selection of topic



## Access Survey Admin Site to View the entries

- Access Surveyadmin site here to view the survey content.



The screenshot shows the login page of the Survey Admin site. The browser's address bar displays the URL `gsrworld.techsurvey.com/surveyadmin/faces/login.jsp`. The page features a dark green header with the text "Survey Admin" in white. Below the header, the word "Login" is centered. There are two input fields: "Username:" with the value "abc" and "Password:" with masked characters "...". A "Login" button is positioned below the password field.

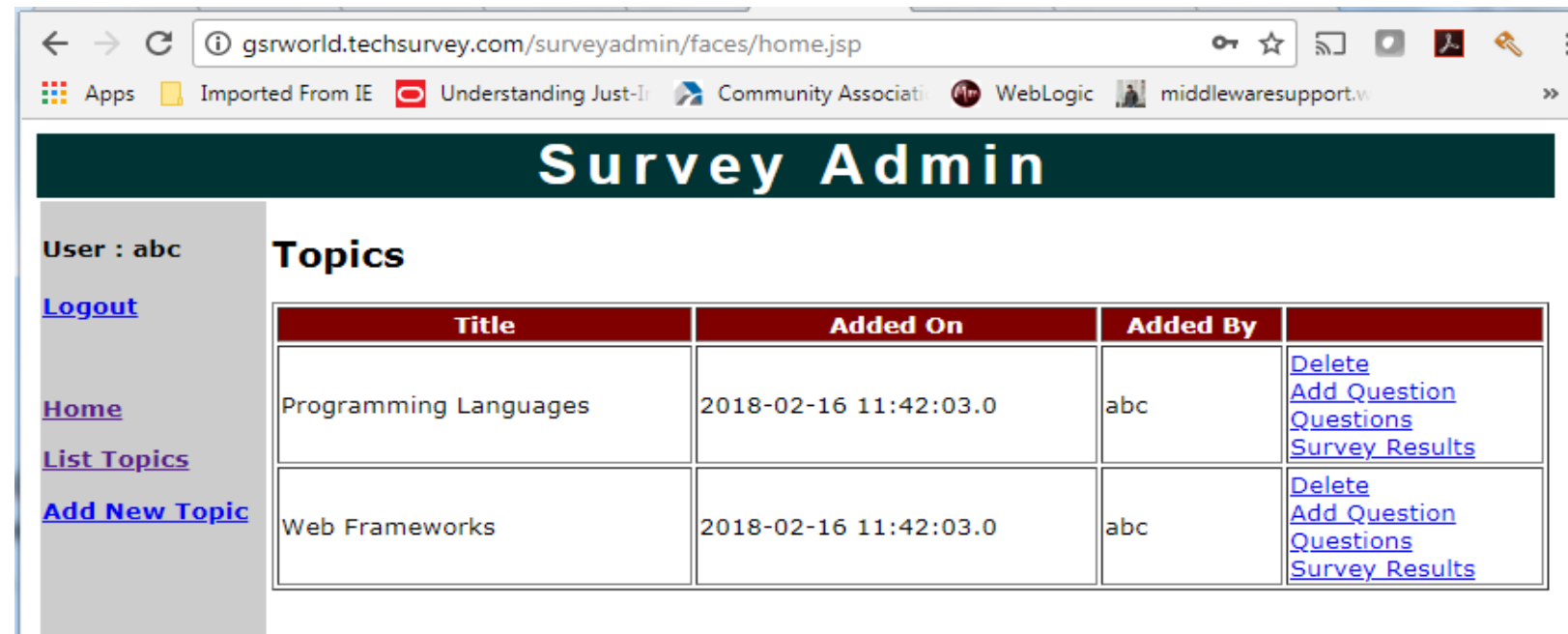
Survey Admin

Login

Username: abc

Password : ...

Login



The screenshot shows the home page of the Survey Admin site after a successful login. The browser's address bar displays the URL `gsrworld.techsurvey.com/surveyadmin/faces/home.jsp`. The page features a dark green header with the text "Survey Admin" in white. On the left side, there is a sidebar with the text "User : abc" and a "Logout" link. Below the sidebar, there are links for "Home", "List Topics", and "Add New Topic". The main content area is titled "Topics" and contains a table with two rows of data. Each row has four columns: "Title", "Added On", "Added By", and a set of action links (Delete, Add Question, Questions, Survey Results).

Survey Admin

User : abc

[Logout](#)

[Home](#)

[List Topics](#)

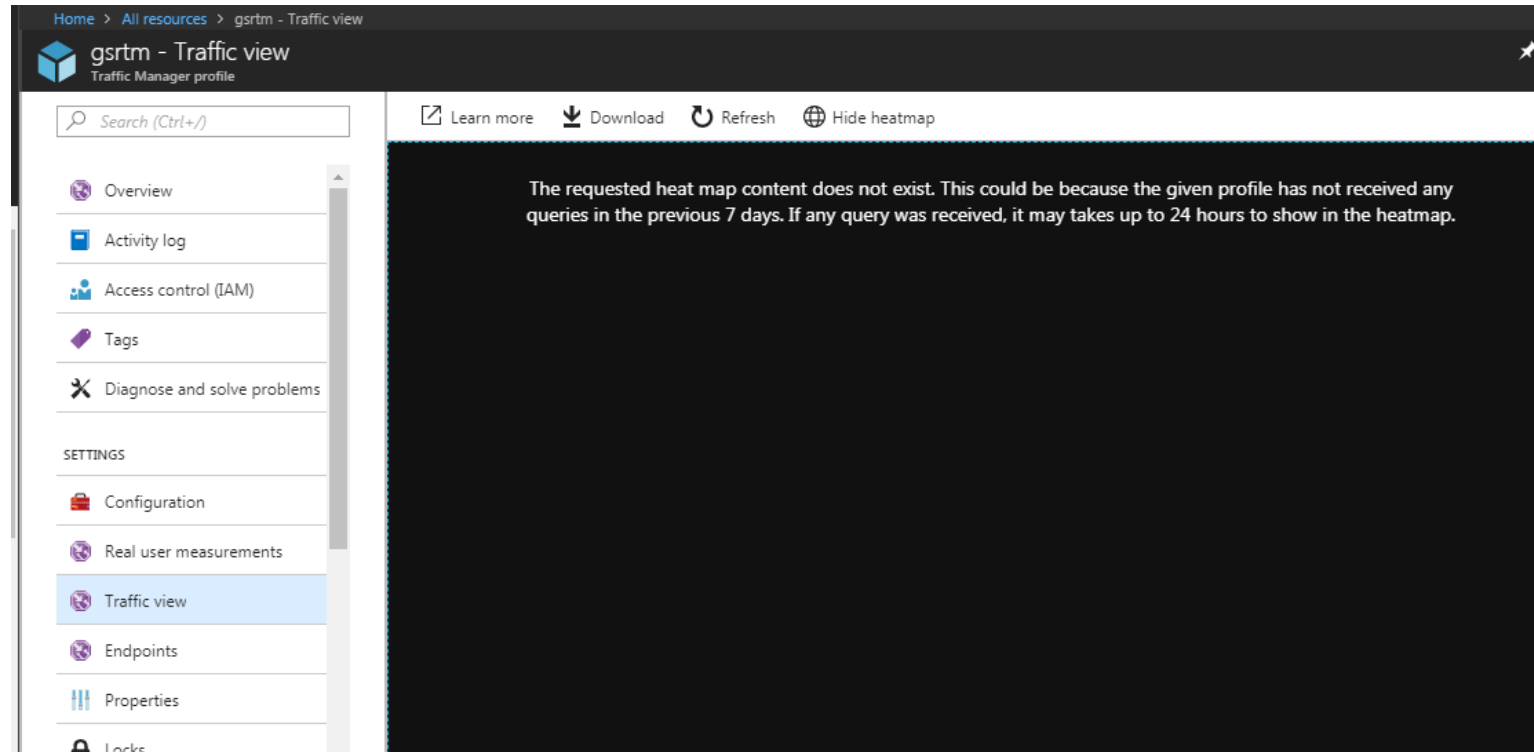
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Web Frameworks	2018-02-16 11:42:03.0	abc	<a href="#">Delete</a> <a href="#">Add Question</a> <a href="#">Questions</a> <a href="#">Survey Results</a>

## Testing Site with Traffic Manager

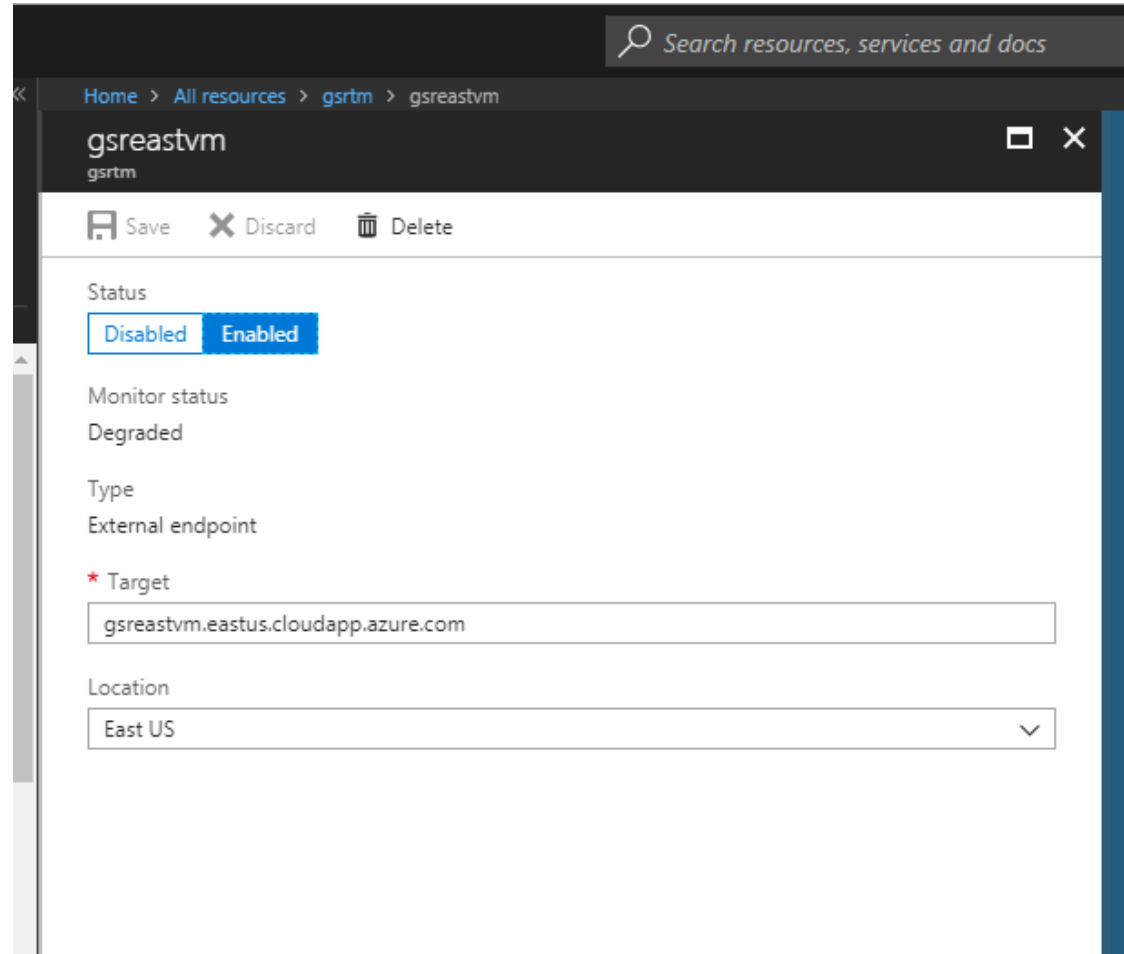
- For some reason I couldn't see the traffic view
- But I figured it ended up on one of the VM and I killed the service
- TM routed my traffic to a second node.





## Enable or Disable Node on Traffic Manager

- We can enable or disable the nodes according for maintenance



The screenshot displays the Azure portal interface for configuring a Traffic Manager node. The breadcrumb navigation at the top reads: Home > All resources > gsrtm > gsreastvm. The main header area shows the node name 'gsreastvm' and its parent resource 'gsrtm'. Below this, there are three action buttons: 'Save' (with a floppy disk icon), 'Discard' (with an 'X' icon), and 'Delete' (with a trash can icon). The 'Status' section contains two toggle buttons: 'Disabled' and 'Enabled', with 'Enabled' being the active state. Below the status, the 'Monitor status' is listed as 'Degraded'. The 'Type' is set to 'External endpoint'. The 'Target' field, marked with a red asterisk, contains the value 'gsreastvm.eastus.cloudapp.azure.com'. The 'Location' dropdown menu is set to 'East US'.

Search resources, services and docs

Home > All resources > gsrtm > gsreastvm

gsreastvm  
gsrtm

Save Discard Delete

Status

Disabled Enabled

Monitor status  
Degraded

Type  
External endpoint

\* Target  
gsreastvm.eastus.cloudapp.azure.com

Location  
East US