

# Lab: Azure App Service

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## Screenshots

- Browser Window with FQDN, running PHP/MySQL with tasks

The screenshot shows the Microsoft Azure portal interface. The main heading is "Microsoft.Web-WebAppDatabase-Portal-4b55717b-800e | Overview". The left sidebar contains a navigation menu with "Overview", "Inputs", "Outputs", and "Template". The main content area displays a success message: "Your deployment is complete". Below this, the deployment details are shown, including the deployment name, subscription, resource group, start time, and correlation ID. A table lists the resources deployed, all with a status of "OK". The table has four columns: Resource, Type, Status, and Operation details. The resources listed are RedisConnector, appServiceDatabaseConnectionResourcesDe, appServiceResourcesDeployment, cacheResourcesDeployment, databaseResourcesDeployment, and vnetResourcesDeployment. Below the table, there is a "Next steps" section with a "Go to resource" button. On the right side of the portal, there are several informational cards: "Cost management", "Microsoft Defender for Cloud", "Free Microsoft tutorials", and "Work with an expert".

Microsoft Azure | Upgrade | Search resources, services, and docs (G+/I)

Home > Microsoft.Web-WebAppDatabase-Portal-4b55717b-800e | Overview

Deployment

Search < Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

✓ Your deployment is complete

Deployment name : Microsoft.Web-WebAppDatabase-Portal-4b55717b-800e Start time : 5/29/2024, 12:37:41 PM

Subscription : Azure subscription 1 Correlation ID : 648b18a3-57f0-45c2-b536-2b8981d0836c

Resource group : msdocs-laravel-mysql-tutorial

Deployment details

Resource	Type	Status	Operation details
✓ RedisConnector	Deployment	OK	Operation details
✓ appServiceDatabaseConnectionResourcesDe	Deployment	OK	Operation details
✓ appServiceResourcesDeployment	Deployment	OK	Operation details
✓ cacheResourcesDeployment	Deployment	OK	Operation details
✓ databaseResourcesDeployment	Deployment	OK	Operation details
✓ vnetResourcesDeployment	Deployment	OK	Operation details

Next steps

Go to resource

Cost management

Get notified to stay within your budget and prevent unexpected charges on your bill. Set up cost alerts >

Microsoft Defender for Cloud

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Free Microsoft tutorials

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Work with an expert

Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support. Find an Azure expert >

msdocs-laravel-mysql-VIV

Tutorial: PHP app with MySQL

ssh://169.254.130.2

Configure DB & Redis variable

2014\_10\_12\_100000\_create\_pai

Laravel Quickstart - Basic

portal.azure.com/?feature.msajs=true#@vivekvash1507@gmail.com/microsoft.com/resource/subscriptions/e9e9a131-d6f1-4e...

Microsoft Azure Upgrade Search resources, services, and docs (G+)

vivekvash1507@gmail...  
DEFAULT DIRECTORY

Home &gt; Microsoft.Web-WebAppDatabase-Portal-4b55717b-800e | Overview &gt; msdocs-laravel-mysql-VIV

msdocs-laravel-mysql-VIV | Deployment Center ☆ ...

Web App

Search

Save Discard Browse Manage publish profile Sync Leave Feedback

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Microsoft Defender for Cloud

Events (preview)

Better Together (preview)

Deployment

Deployment slots

Deployment Center

Performance

Load Testing

Settings

Environment variables

Configuration

Authentication

Settings Logs FTPS credentials

Refresh Delete

msdocs-laravel-mysql-VIV - M

Tutorial: PHP app with MySQL

ssh://169.254.130.2

Configure DB & Redis variable

2014\_10\_12\_100000\_create\_pai

Laravel Quickstart - Basic

msdocs-laravel-mysql-viv.azurewebsites.net

Task List

New Task

Task

Add Task

Current Tasks

Task

Create app and database in azure

Delete

Deploy data-driven app

Delete

Vivek Vashisht with Student ID:000907246 is Creating Tasks

Delete

Response time: 117.14887619019 milliseconds.

- Start VM Azure Function Test/Run window and insights log

The screenshot displays the Microsoft Azure portal interface for a virtual machine named 'WinVM1'. The browser address bar shows the URL 'portal.azure.com/?feature.msajs=true#@vivekvash1507@gmail.com/microsoft.com/resource/subscriptions/ee9ea131-d6f1-4e...'. The page title is 'WinVM1 - Microsoft Azure'. The breadcrumb navigation is 'Home > Resource groups > FunctionTestRG > WinVM1'. The left sidebar contains a search bar and a navigation menu with categories: Overview (Activity log, Access control (IAM), Tags, Diagnose and solve problems), Connect (Connect, Bastion, Windows Admin Center), Networking (Network settings, Load balancing, Application security groups, Network manager), and Settings (Disks, Extensions + applications). The main content area has a top bar with actions: Connect, Start, Restart, Stop, Hibernate, Capture, Delete, Refresh, Open in mobile, Feedback, and CLI / PS. Below this is the 'Essentials' section with a 'JSON View' link. It lists: Resource group (FunctionTestRG), Status (Stopped (deallocated)), Location (Canada Central), Subscription (Azure subscription 1), and Subscription ID (ee9ea131-d6f1-4e0b-baee-b293615685ae). To the right, it shows: Operating system (Windows), Size (Standard B1s (1 vcpu, 1 GiB memory)), Public IP address (4206.184.150), Virtual network/subnet (WinVM1-vnet/default), DNS name (Not configured), Health state (-), and Time created (5/29/2024, 8:51 PM UTC). Below the Essentials section is the 'Properties' tab, which is active. It contains two tables. The 'Virtual machine' table lists: Computer name (WinVM1), Operating system (Windows), VM generation (V2), VM architecture (x64), Hibernation (Disabled), Host group (-), and Host (-). The 'Networking' table lists: Public IP address (4206.184.150 (Network interface winvm1636)), Public IP address (IPv6) (-), Private IP address (10.0.0.4), Private IP address (IPv6) (-), Virtual network/subnet (WinVM1-vnet/default), and DNS name (Configure).

The screenshot displays the Microsoft Azure portal interface for a virtual machine named 'WinVM2'. The browser address bar shows the URL 'portal.azure.com/?feature.msajs=true#@vivekvash1507@gmail.com/microsoft.com/resource/subscriptions/ee9ea131-d6f1-4e...'. The page title is 'WinVM2 - Microsoft Azure'. The breadcrumb navigation is 'Home > Resource groups > FunctionTestRG > WinVM2'. The left sidebar contains a search bar and a navigation menu with categories: Overview (Activity log, Access control (IAM), Tags, Diagnose and solve problems), Connect (Connect, Bastion, Windows Admin Center), Networking (Network settings, Load balancing, Application security groups, Network manager), and Settings (Disks, Extensions + applications). The main content area has a top bar with actions: Connect, Start, Restart, Stop, Hibernate, Capture, Delete, Refresh, Open in mobile, Feedback, and CLI / PS. Below this is the 'Essentials' section with a 'JSON View' link. It lists: Resource group (FunctionTestRG), Status (Stopped (deallocated)), Location (Canada Central), Subscription (Azure subscription 1), and Subscription ID (ee9ea131-d6f1-4e0b-baee-b293615685ae). To the right, it shows: Operating system (Windows), Size (Standard B1s (1 vcpu, 1 GiB memory)), Public IP address (4206.189.222), Virtual network/subnet (WinVM2-vnet/default), DNS name (Not configured), Health state (-), and Time created (5/29/2024, 8:54 PM UTC). Below the Essentials section is the 'Properties' tab, which is active. It contains two tables. The 'Virtual machine' table lists: Computer name (WinVM2), Operating system (Windows), VM generation (V2), VM architecture (x64), Hibernation (Disabled), Host group (-), and Host (-). The 'Networking' table lists: Public IP address (4206.189.222 (Network interface winvm2204)), Public IP address (IPv6) (-), Private IP address (10.0.0.4), Private IP address (IPv6) (-), Virtual network/subnet (WinVM2-vnet/default), and DNS name (Configure).

Microsoft.Web-FunctionApp-Portal-d774ed50-b60f | Overview

Deployment

Search

Delete Cancel Redeploy Download Refresh

**Your deployment is complete**

Deployment name : Microsoft.Web-FunctionApp-Portal-d774ed50-b60f Start time : 5/29/2024, 3:13:48 PM  
Subscription : Azure subscription 1 Correlation ID : 9fb8152e-e2eb-4d5d-a733-cb3d4dd2070  
Resource group : FunctionTestRG

**Deployment details**

Resource	Type	Status	Operation details
FunctionTest3281/ftp	Microsoft.Web/sites/basicPublish	OK	<a href="#">Operation details</a>
FunctionTest3281/scm	Microsoft.Web/sites/basicPublish	OK	<a href="#">Operation details</a>
FunctionTest3281	App Service	OK	<a href="#">Operation details</a>
FunctionTest3281	Application Insights	OK	<a href="#">Operation details</a>
FunctionTest3281	Application Insights	OK	<a href="#">Operation details</a>
ASP-FunctionTestRG-a393	App Service plan	OK	<a href="#">Operation details</a>
newWorkspaceTemplate	Deployment	OK	<a href="#">Operation details</a>

**Next steps**

[Go to resource](#)

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**Work with an expert**  
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StartWinVM1andWinVM2 | Code + Test

FunctionTest3281

Code + Test Integration Function Keys Invocations Logs Metrics

Save Discard Refresh Test/Run Get function URL Disable Delete Upload Send us your feedback

FunctionTest3281 / StartWinVM1andWinVM2 / run.ps1

```
1 using namespace System.Net
2
3 # Input bindings are passed in via param block.
4 param($Request, $TriggerMetadata)
5
6 $VMs = @('WinVM1', 'WinVM2')
7 foreach($VM in $VMs)
8 {
9     Write-Host "Starting $VM"
10     Get-AzVM -Name $VM | Start-AzVM -NoWait
11 }
12
13
14
15
16 # Write to the Azure Functions log stream.
17 Write-Host "PowerShell HTTP trigger function processed a request."
18
19 # Interact with query parameters or the body of the request.
20 $name = $Request.Query.Name
21 if (-not $name) {
22     $name = $Request.Body.Name
23 }
```

Logs

StartWinVM1andWinVM2 - Mic x +

portal.azure.com/?feature.msajs=true#view/WebsiteExtension/FunctionTabMenuBlade/~ /codeTest/resourceId/962/subscription...

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Home > Resource groups > FunctionTestRG > FunctionTest3281 >

## StartWinVM1andWinVM2 | Code + Test

FunctionTest3281

Code + Test Integration Function Keys Invocations Logs Metrics

Save Discard Refresh Test/Run Get function URL Disable Delete Upload Send us your feedback

FunctionTest3281 / StartWinVM1andWinVM2 / runps1

```
14
15
16 # Write to the Azure Functions log stream.
17 Write-Host "PowerShell HTTP trigger function processed a request."
18
19 # Interact with query parameters or the body of the request.
20 $name = $Request.Query.Name
21 if (-not $name) {
22     $name = $Request.Body.Name
23 }
24
25 $body = "Hi Vivek Vashisht, this HTTP triggered function executed successfully."
26
27 if ($name) {
28     $body = "Hi, $name. This HTTP triggered function executed successfully. Virtual Machines WinVM1 and WinVM2 have been started"
29 }
30
31 # Associate values to output bindings by calling 'Push-OutputBinding'.
32 Push-OutputBinding -Name Response -Value ([HttpResponseContext]@{
33     StatusCode = [HttpStatusCode]::OK
34     Body = $body
35 })
36
```

Logs

Test/Run - Microsoft Azure x +

portal.azure.com/?feature.msajs=true#view/WebsiteExtension/FunctionTabMenuBlade/~ /codeTest/resourceId/962/subscription...

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## StartWinVM1andWinVM2 | Code + Test

FunctionTest3281

Code + Test Integration Function Keys Invocations Logs Metrics

Save Discard Refresh Test/Run Get function URL Disable Delete Upload Send us your feedback

FunctionTest3281 / StartWinVM1andWinVM2 / runps1

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19 # Interact with query parameters or the body of the request.
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21 if (-not $name) {
22     $name = $Request.Body.Name
23 }
24
25 $body = "Hi Vivek Vashisht, this HTTP triggered function executed successfully."
26
27 if ($name) {
```

App Insights Logs

Connected! You are now viewing logs of Function runs in the current Code + Test panel. To see all the logs for this Function, click on the 'Logs' tab in the left-hand navigation pane.

2024-05-29T21:55:45Z [Information] Executing 'Functions.StartWinVM1andWinVM2' (Reason: 'This function was programmatically invoked through Azure Portal.')  
2024-05-29T21:55:45Z [Verbose] Sending invocation id: '210103ec-f869-4a31-a1ae-22cfb80543a1'  
2024-05-29T21:55:45Z [Verbose] Posting invocation id: '210103ec-f869-4a31-a1ae-22cfb80543a1' on workerId: '7f7e3ac0-b2e6-46aa-a1e1-000000000000'  
2024-05-29T21:55:49Z [Information] INFORMATION: Retrieving subscriptions for the selection...  
2024-05-29T21:55:49Z [Information] OUTPUT:  
2024-05-29T21:55:49Z [Information] INFORMATION: [Announcements]  
With the new Azure PowerShell login experience, you can select the subscription you want to use more easily. Learn more about it here: https://aka.ms/psloginchangelog

### Test/Run

Input Output

HTTP response code 200 OK

HTTP response content

Hi, Vivek Vashisht. This HTTP triggered function executed successfully. Virtual Machines WinVM1 and WinVM2 have been started

Run Close

