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Microsoft / Bitbucket Azure Pipes Examples

example-azure-web-apps-deploy

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Name	Size	Last commit	Message
.gitattributes	11 B	2019-02-26	Initial commit
LICENSE	1.04 KB	2019-09-02	BP-4261: Update company name in the license
README.md	2.28 KB	2020-07-25	README.md edited online with Bitbucket
bitbucket-pipelines.yml	766 B	2019-02-26	UPDATE pipe version.
index.js	311 B	2019-02-26	Initial commit
package-lock.json	92 B	2019-02-26	Initial commit
package.json	271 B	2019-02-26	Initial commit
process.json	324 B	2019-02-26	Initial commit
web.config	2.45 KB	2019-02-26	Initial commit

README.md

Bitbucket Pipelines Pipe Sample: Azure Web Apps Deploy (Node.js)

This sample uses the Bitbucket Azure Web Apps Deploy pipeline to deploy a sample Node app to [App Service Web Apps](#).

Prerequisites

You will need to configure required Azure resources before running the pipe. The easiest way to do it is by using the Azure cli. You can either [install the Azure cli](#) on your local machine, or you can use the [Azure Cloud Shell](#) provided by the Azure Portal in a browser.

Service principal

You will need a service principal with sufficient access to create or an Azure App Service, or update an existing App Service. To create a service principal using the Azure CLI, execute the following command in a bash shell:

```
az ad sp create-for-rbac --name MyServicePrincipal
```

Refer to the following documentation for more detail:

- [Create an Azure service principal with Azure CLI](#)

Azure App Service app

Using the service principal credentials obtained in the previous step, you can use the following commands to create an Azure App Service instance in a bash shell:

```
``bash az login --service-principal --username ${AZURE_APP_ID} --password ${AZURE_PASSWORD} --tenant ${AZURE_TENANT_ID}
```

```
az group create --name ${AZURE_RESOURCE_GROUP} --location australiaeast
```

```
az appservice plan create --name ${AZURE_APP_NAME} --resource-group ${AZURE_RESOURCE_GROUP} --sku FREE
```

```
az webapp create --name ${AZURE_APP_NAME} --resource-group ${AZURE_RESOURCE_GROUP} --plan $AZURE_APP_NAME
```

Refer to the following documentation for more detail:

- [Create an App Service app and deploy code from a local Git repository using Azure CLI](#)

Support

This sample is provided "as is" and is not supported. Likewise, no commitments are made as to its longevity or maintenance. To discuss this sample with other users, please visit the Azure DevOps Services section of the Microsoft Developer Community: <https://developercommunity.visualstudio.com/spaces/21/index.html>.