The Azure App Service Deployment task is used to update different Azure App Service to deploy [Web Apps](#), [Functions](#) and [WebJobs](#) to Azure. The task works on cross platform Azure Pipelines agents running Windows, Linux or Mac and uses the underlying deployment technologies of [Web Deploy](#), RunFromPackage, Zip Deploy, Containers and [Kudu REST APIs](#).

Several deployment methods are available in this task. Web Deploy (msdeploy.exe) is the default option. To change the deployment option, expand Additional Deployment Options and enable Select deployment method to choose from additional package-based deployment options.

Based on the type of Azure App Service and Azure Pipelines agent, the task chooses a suitable deployment technology. The different deployment technologies used by the task are:

- *Web Deploy*

- *Kudu REST APIs*

- *Container Registry*

- *Zip Deploy*

- *RunFromPackage*

By default the task tries to select the appropriate deployment technology given the input package, app service type and agent OS.

- When post deployment script is provided, use Zip Deploy
- When the App Service type is Web App on Linux App, use Zip Deploy
- If War file is provided, use War Deploy
- If Jar file is provided, use Run From Zip
- For all others, use Run From Zip (via Zip Deploy)

On non-Windows agent (for any App service type), the task relies on [Kudu REST APIs](#) to deploy the Web App.

Support link: [azure-pipelines-tasks/Tasks/AzureRmWebAppDeploymentV4/README.md at master · microsoft/azure-pipelines-tasks · GitHub](#)