edX

Azure Web App Bots
Azure Web App Bots

Azure Web App Bots are based on Azure Web Apps, and **are really a collection of Azure services**. When an Azure Web App Bot is provisioned, **all required resources are created in a single process**, including application settings and common authentication keys.
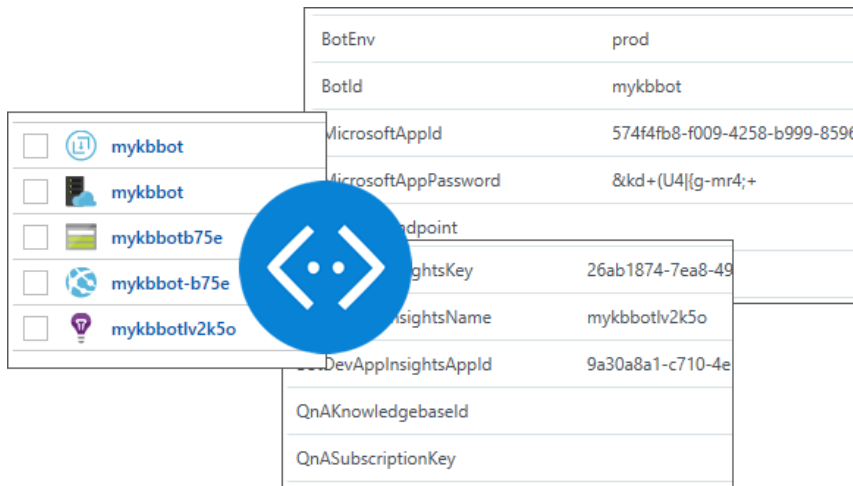
Azure Web App Bots

By selecting an Azure Web App Bot, the following resources will get created:

- An **Azure Web App**
- An **Azure App Service Plan**
- An **Azure Storage** account
- A **Bot Registration**
- A **Microsoft App Registration**
- Delegated **Microsoft Graph** permissions
- An **Application Insights** instance

The following additional App Service settings will also be created and/or populated automatically:

- **Bot Registration** environment keys and identifiers
- **Microsoft App** identifiers and tokens
- **Bot State** keys
- **Application Insights** keys

Optionally, depending on Azure Bot Service template selection, App Service settings may be created and populated for:

- **Knowledge Base** (QnA Maker) identifiers and tokens
- **Language Understanding Intelligent Service** (LUIS) identifiers and tokens

There was a time, not long ago, where each of these resources would need to be provisioned and coordinated individually, and although this manual process is still possible, simply selecting to provision an Azure Web App Bot saves quite a bit of time, coordination, and most importantly, reduces the potential for human error.

With a quick look at what Azure Web App Bots are capable of, it's up to you to decide how and where to get started, based on the available **Azure Bot Service templates**.

Quick Check (True or False)

1/1 point (graded)

Leveraging Azure Bot Service for bot creation saves a tremendous amount of time and effort—and potentially alleviates mistakes caused by human error. (True or False)

- ⦿ True
  ✔

- ◯ False

Submit	You have used 1 of 2 attempts

✔ Correct (1/1 point)

Learn About Verified Certificates