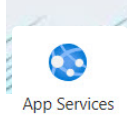
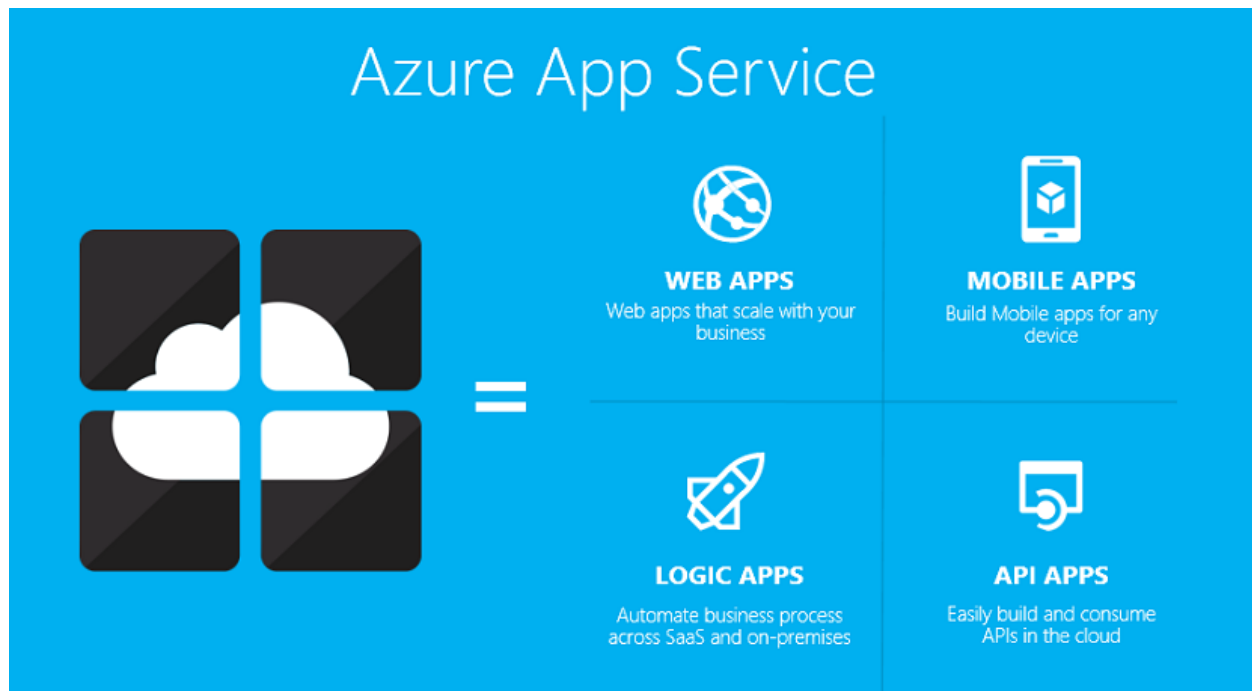


What is Azure Web App? Create an Azure Web App



Stories 18 : Azure App Web Service

Azure Web Apps is a fully managed platform for building, deploying, and scaling web apps. It's part of the larger Azure App Service, which also includes other services such as API Apps, Mobile Apps, and Logic Apps. Azure Web Apps specifically focuses on hosting and running web applications.

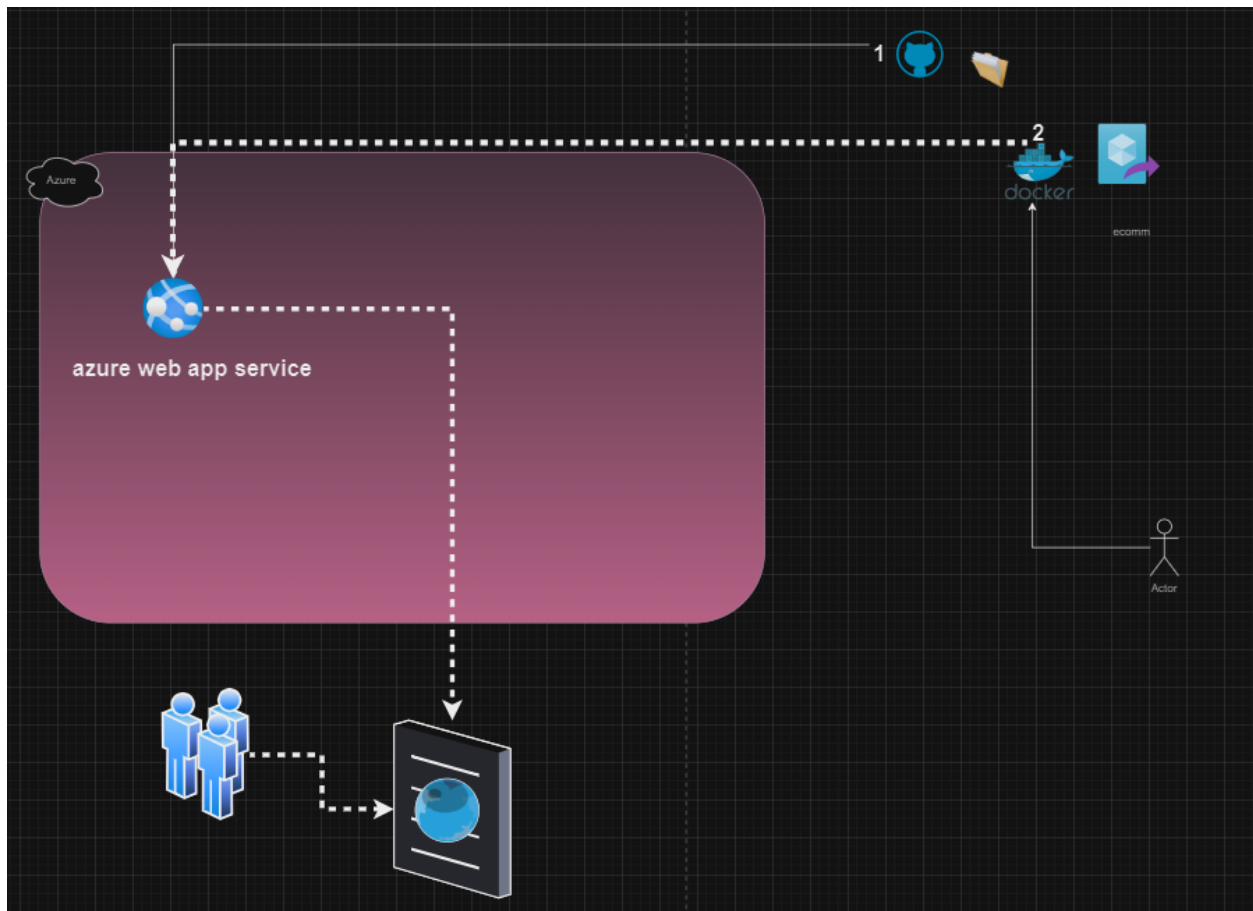


Here are some key features and aspects of Azure Web Apps:

1. **Programming Language Support:** Azure Web Apps supports multiple programming languages and frameworks, including **.NET, Java, Node.js, Python, and PHP**. This flexibility allows developers to use their preferred languages and tools.
2. **Scalability:** You can easily scale your web app vertically by adjusting the size of the underlying virtual machine or horizontally by adding more instances. Azure provides automatic load balancing to distribute traffic across instances.
3. **Deployment Options:** Azure Web Apps supports various deployment options, including direct deployment from Visual Studio, Git repositories, Azure DevOps, Docker containers, and more. Continuous Deployment (CD) can be set up to automate the deployment process.
4. **Integrated Development Tools:** Azure Web Apps integrates with popular development tools such as Visual Studio, Visual Studio Code, and Azure DevOps, making it easier for developers to build, test, and deploy applications.
5. **Managed Services Integration:** You can easily integrate Azure Web Apps with other Azure services like Azure Database for MySQL, Azure Database for

PostgreSQL, Azure Cache for Redis, and Azure Storage for data storage needs.

6. **Security and Authentication:** Azure Web Apps provides features for securing your applications, including integration with Azure Active Directory for authentication. You can also configure SSL certificates for secure communication.
7. **Monitoring and Diagnostics:** Azure provides monitoring and diagnostics features to track the performance of your web apps. Azure Application Insights can be used for in-depth monitoring, logging, and analytics.
8. **Backup and Restore:** Azure Web Apps supports automatic backups and allows you to restore your application to a previous state. This feature helps in data protection and recovery.
9. **Custom Domains and SSL:** You can configure custom domains for your web apps and enable SSL for secure communication. Azure provides options for purchasing and managing SSL certificates.



To create an Azure Web App:

1. Navigate to the Azure Portal.
2. Create a new resource and select "Web " > "Web App."


Create Web App ...

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App Service Web Apps lets you quickly build, deploy, and scale enterprise-grade web, mobile, and API apps running on any platform. Meet rigorous performance, scalability, security and compliance requirements while using a fully managed platform to perform infrastructure maintenance. [Learn more](#)


Project Details

Select a subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ Pay-As-You-Go 


Resource Group * ⓘ myRG 
[Create new](#)


Instance Details

Name * ecommnew507 
.azurewebsites.net

Publish * ☐ Code ☒ Docker Container ☐ Static Web App


Operating System * ☒ Linux ☐ Windows

Region * East US 

 Not finding your App Service Plan? Try a different region or select your App Service Environment.

Pricing plans

App Service plan pricing tier determines the location, features, cost and compute resources associated with your app. [Learn more](#) ⓘ

Linux Plan (East US) * ⓘ ASP-myRG-bca1 (P1v3) 
[Create new](#)

Pricing plan **Premium V3 P1V3** (195 minimum ACU/vCPU, 8 GB memory, 2 vCPU)

Zone redundancy

An App Service plan can be deployed as a zone redundant service in the regions that support it. This is a deployment time only decision. You can't make an App Service plan zone redundant after it has been deployed. [Learn more](#) ⓘ

Zone redundancy ☐ Enabled: Your App Service plan and the apps in it will be zone redundant. The minimum App Service plan instance count will be three.

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1. Provide the required information, including a unique app name, subscription, resource group, and region.
2. Configure additional settings such as the runtime stack, operating system, and other options based on your application requirements.

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Create Web App ...

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Pull container images from Azure Container Registry, Docker Hub or a private Docker repository. App Service will deploy the containerized app with your preferred dependencies to production in seconds.

Options	<input type="text" value="Single Container"/>
Image Source	<input type="text" value="Docker Hub"/>
Docker hub options	
Access Type *	<input type="text" value="Public"/>
Image and tag *	<input type="text" value="mubeen507/myecomm:latest"/>
Startup Command ⓘ	<input type="text"/>

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Complete the setup process and deploy your application using docker image present in dockerhub

ecomm507507.azurewebsites.net

