

Azure Serverless services

Skills Learned

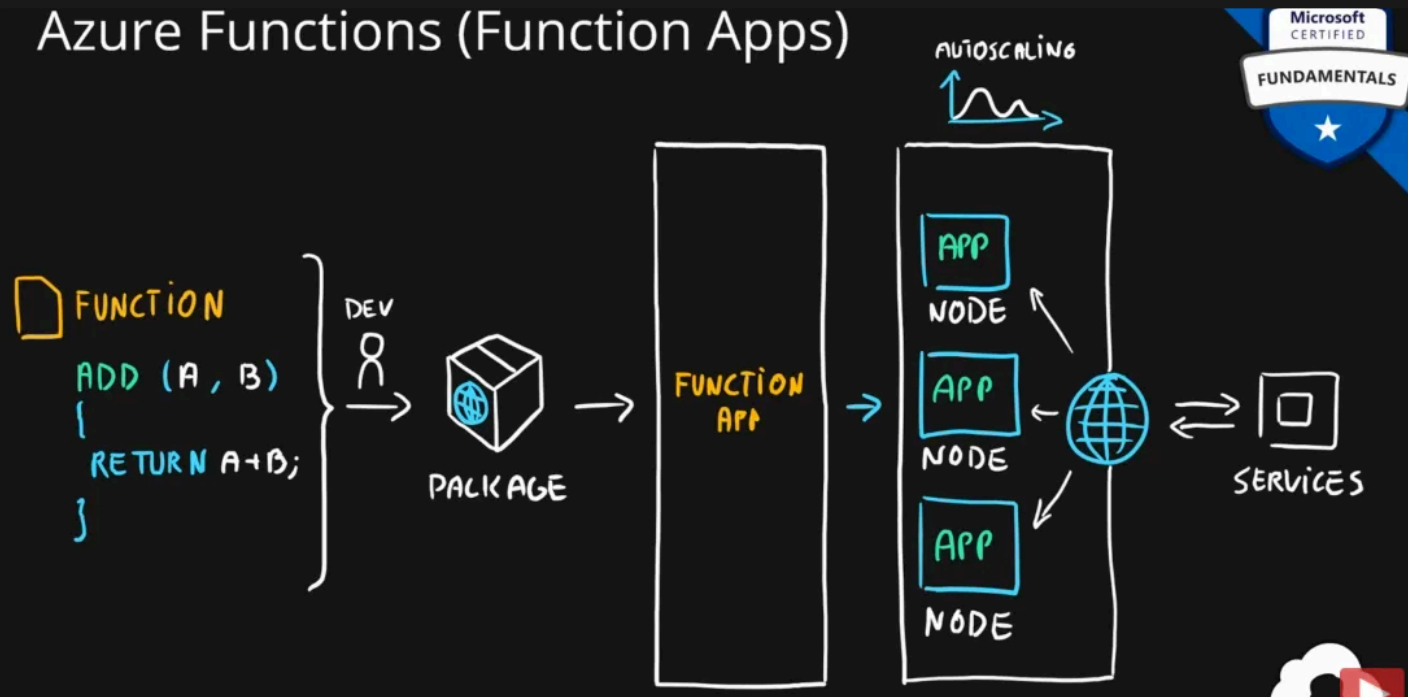
- Describe **Serverless computing** and Azure **products** that are available for serverless computing such as
 - Azure Functions
 - Logic Apps
 - Event Grid

Serverless computing is cloud-hosted execution environment that allows customers to **run their applications** in the cloud while **completely abstracting underlying infrastructure**.



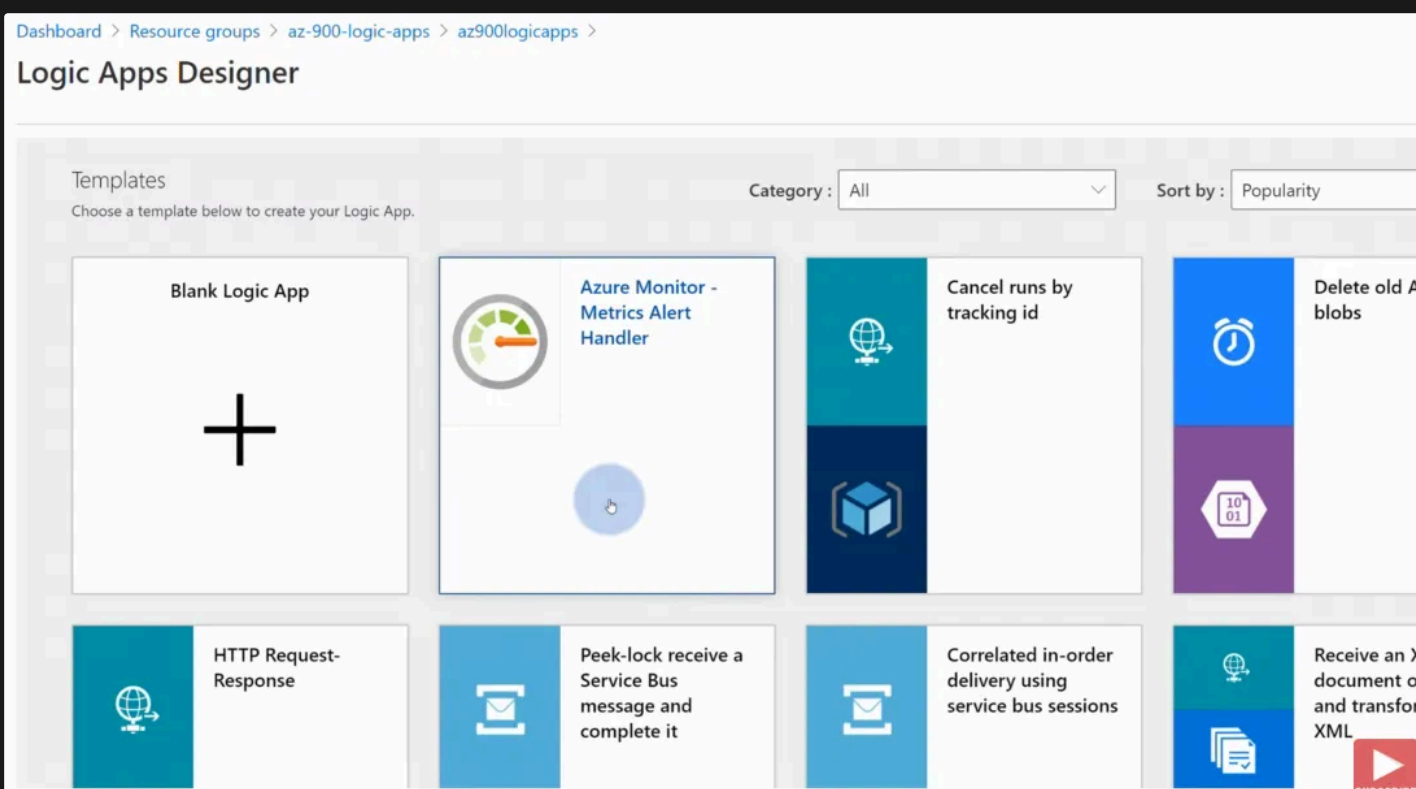
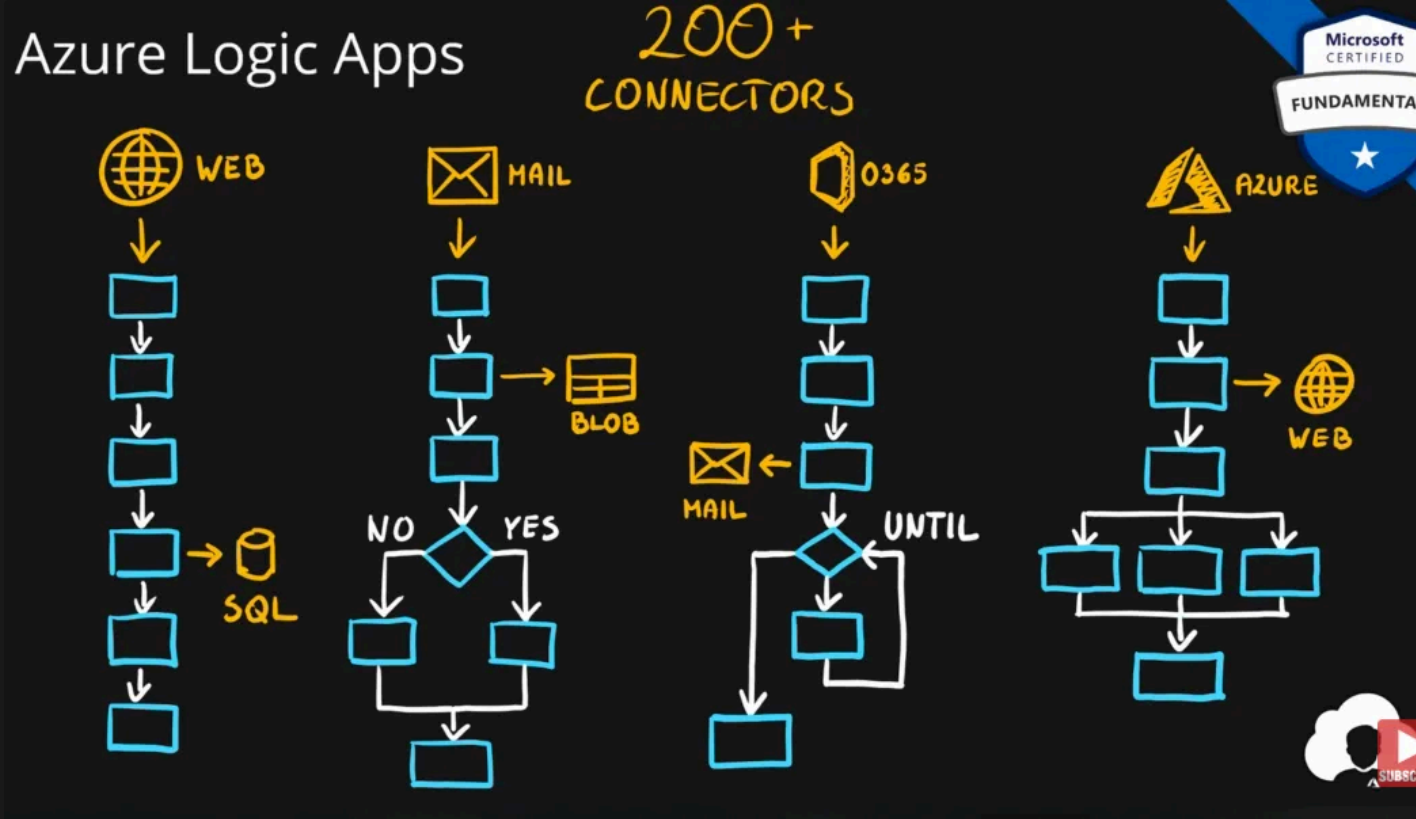
Azure Functions

Azure Functions (Function Apps)



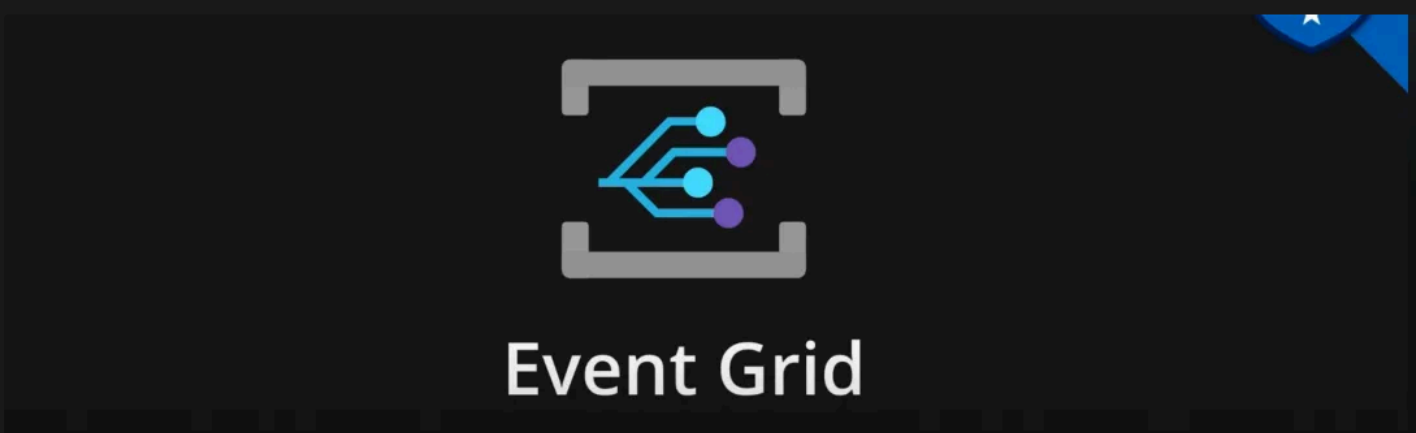
Key Characteristics

- Serverless coding platform** (Functions as a Service, FaaS)
- Designed for **nano-service** architectures and **event-based** applications
- Scales up and down very quickly**
- Highly scalable
- Supports popular languages and frameworks**
(.NET & .NET Core, Java, Node.js, Python, PowerShell, etc.)

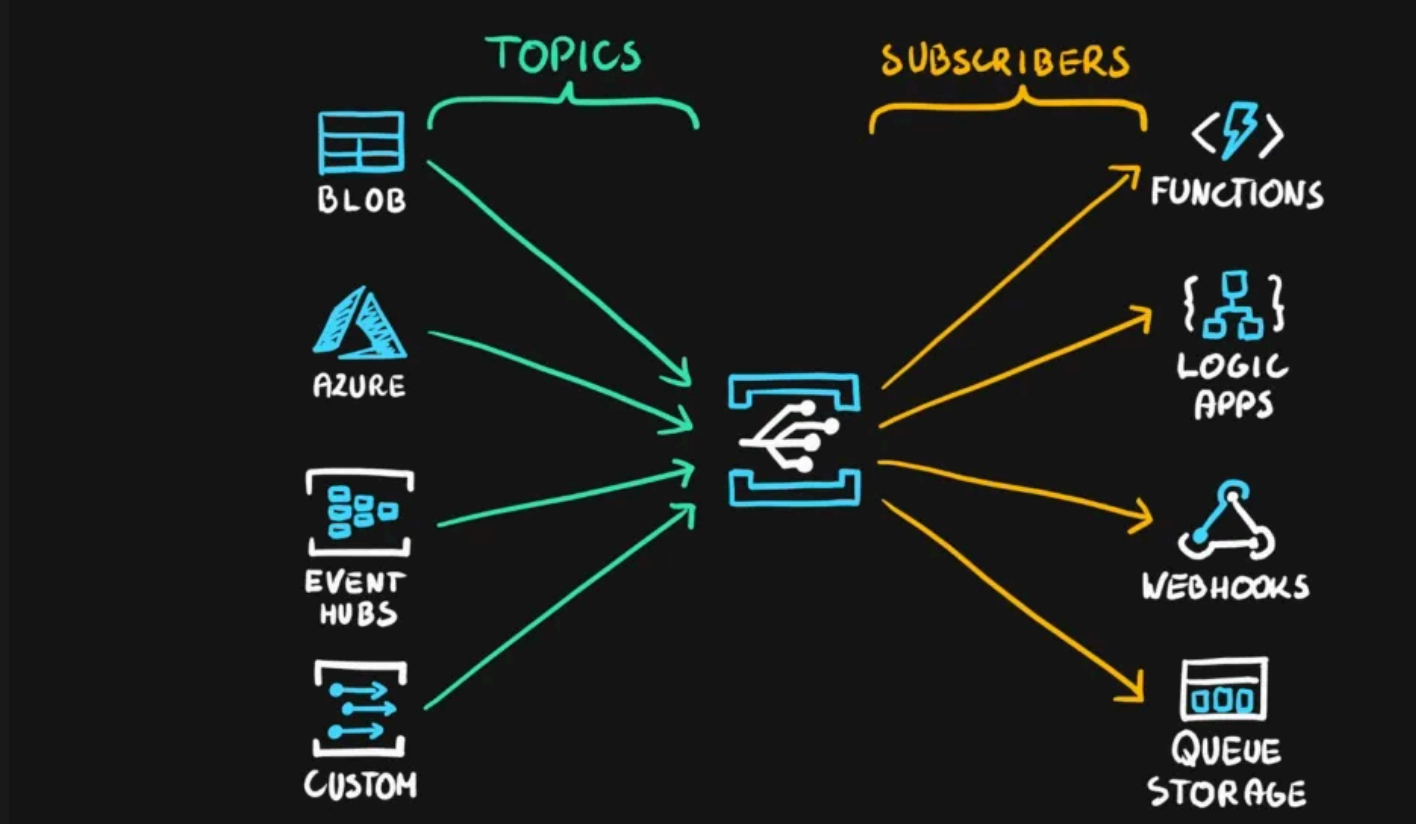


Key Characteristics

- Serverless enterprise integration service (PaaS)
- 200+ connectors for popular services
- Designed for orchestration of
 - business processes,
 - integration workflows for applications, data, systems and services



Azure Event Grid



Key Characteristics

- Fully managed serverless event routing service
- Uses [publish-subscribe](#) model
- Designed for [event-based](#) and [near-real time](#) applications
- Supports dozen of [built-in events](#) from most common [Azure services](#)

Summary

- [Azure Functions](#) – application development platform for nano-services and event-based applications using popular languages/frameworks
- [Azure Logic Apps](#) – enterprise integration services for orchestration of business and application workflows
- [Azure Event Grid](#) – scalable event routing service for integration and near-real time applications