

# A Comprehensive Study of Azure Functions: Features, Architectures, Use Case and Functionality

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**Abstract:** *Azure Function is a service available on cloud, offered by Microsoft Azure. It allows you to build and run event-driven applications without having to manage infrastructure. The code can be developed in any programming language. Functions in Azure are triggered by events. These events can come from various sources such as HTTP requests, message queues (e.g., Azure Queue Storage, Azure Service Bus), timers, blob storage changes, and more. This paper provides an introduction of how Azure Function works in Azure cloud.*

**Keywords:** Azure Function, Cloud, Event-driven, Programming language.

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