

Azure Function

ACCELERATE AND SIMPLIFY APPLICATION DEVELOPMENT

With serverless computing through functions, more efficiently develop an event-based serverless computing platform that can also solve complex orchestration problems. Build and debug locally without any additional configuration, deploy and operate at scale in the cloud, and integrate services using triggers and bindings. Automated and flexible scaling based on workload volume, keeping a focus on adding value rather than managing infrastructure

Develop with your favorite code editor and Azure Functions Core Tools. Set up continuous integration and continuous delivery (CI / CD) with Azure Pipelines, and get smart and proactive insights into the performance of applications in production with Azure Monitor.

Use Functions extensions and templates in Visual Studio and Visual Studio Code to develop faster and more efficiently on your local machine, fully integrated with the complete Azure platform.

Benefit from a comprehensive end-to-end development experience with Functions, from local compilation and debugging on all major platforms such as Windows, macOS, and Linux, to cloud deployment and monitoring.

Azure
Functions



Simplify the resolution of complex orchestration challenges

Serverless features are designed to be short-lived and stateless, until you need them to resolve stateful issues. Eliminate this limitation in a fully managed way without the need to provision more resources, just by coding the workflow definition.

Simplify complex, stateless coordination requirements programmatically in event-based applications with the Durable Functions extension. Use the features also in declarative workflows that can use more than 250 connectors with Azure Logic Apps.

Create once and deploy anywhere

Choose the Functions plan that meets your business needs and deploys the same code across multiple destinations, from pay-per-run in the cloud to the Kubernetes cluster to IoT devices for edge processing

Enhance your end-to-end development experience

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Azure
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Integrated programming model based on triggers and links that help you respond to events and connect seamlessly to other services

Complete development experience, from compilation and debugging to deployment and monitoring with integrated DevOps tools and functionality

Different programming languages and hosting options; always choose what's best for each scenario and quickly adjust to meet your business needs



LEARN MORE

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