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Application Composer ✕

Canvas

Documentation 🔗
AWS Toolkit for VS Code 🔗
Import a Lambda Function 🔗

> ℹ **New!**
> Application Composer is now available as part of the AWS Toolkit for Visual Studio Code. Learn more 🔗

Application Composer

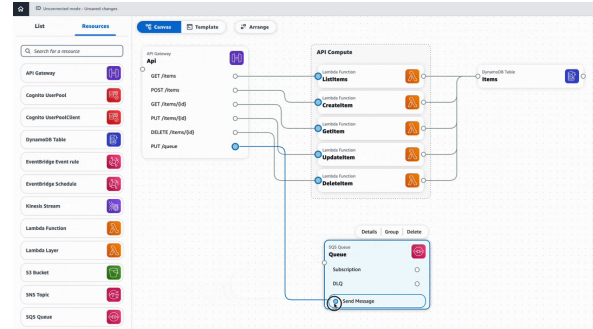| Download VS Code Extension 🔗 | Open demo | **Create project** |

Visually design and build serverless applications quickly

About

AWS Application Composer helps you visually compose modern applications and iterate on their architecture design.

How it works:

- Drag and drop any CloudFormation resource on a visual canvas

- Connect and configure enhanced components to automatically build IaC for an application architecture
- Seamlessly transition between authoring workflows visually with Step Functions Workflow Studio and defining resources with Application Composer
- Integrate your browser with your project through "local sync" or use Composer in the AWS Toolkit for Visual Studio Code

Start building

Open a demo project

Get started building with a set of example resources.

Create a new blank project

Start building your application from a blank canvas.

Load a CloudFormation template

Load an existing Application Composer project or CloudFormation template to edit or add resources.

Recommended tools

AWS SAM CLI

With the SAM CLI, you can automatically synchronize local changes in the cloud and tail CloudWatch logs and X-Ray traces as you test your application. Learn more ⬈

Start with a workshop ⬈

AWS IDE Toolkits

Use popular Integrated Development Environments (IDEs) to author, debug, and deploy your code on AWS. Learn more ⬈

Start with Visual Studio Code ⬈

Application Composer development flow

Visually define, organize, and connect AWS resources. You can seamlessly transition between the console and your local IDE to make edits. Use any CloudFormation compatible tool, such as the AWS SAM CLI, to deploy, test, and iterate on your application.

Build your template

Create or edit your template using the visual or code view editors.

Learn more ⧉

Edit code

With a local file system connection, you can make changes simultaneously in Composer or within your IDE.

Learn more ⧉

Test your template

Use SAM Accelerate to test your template in the cloud, while building with Composer.

Learn more ⧉

Deploy to an environment

Once you're ready to deploy, take your saved project to your version control system or pipeline.

Learn more ⧉

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