



# CloudFormation and SAM



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# Serverless Application Model

1

## CloudFormation for Serverless

The Serverless Application Model (SAM) is an extension to CloudFormation used to define Serverless applications.

2

## Simplified Syntax

SAM uses a simplified syntax for defining serverless resources: APIs, Lambda functions, DynamoDB tables, etc.

3

## SAM CLI

Use the SAM CLI to package your deployment code, upload it to S3, and deploy your Serverless application.



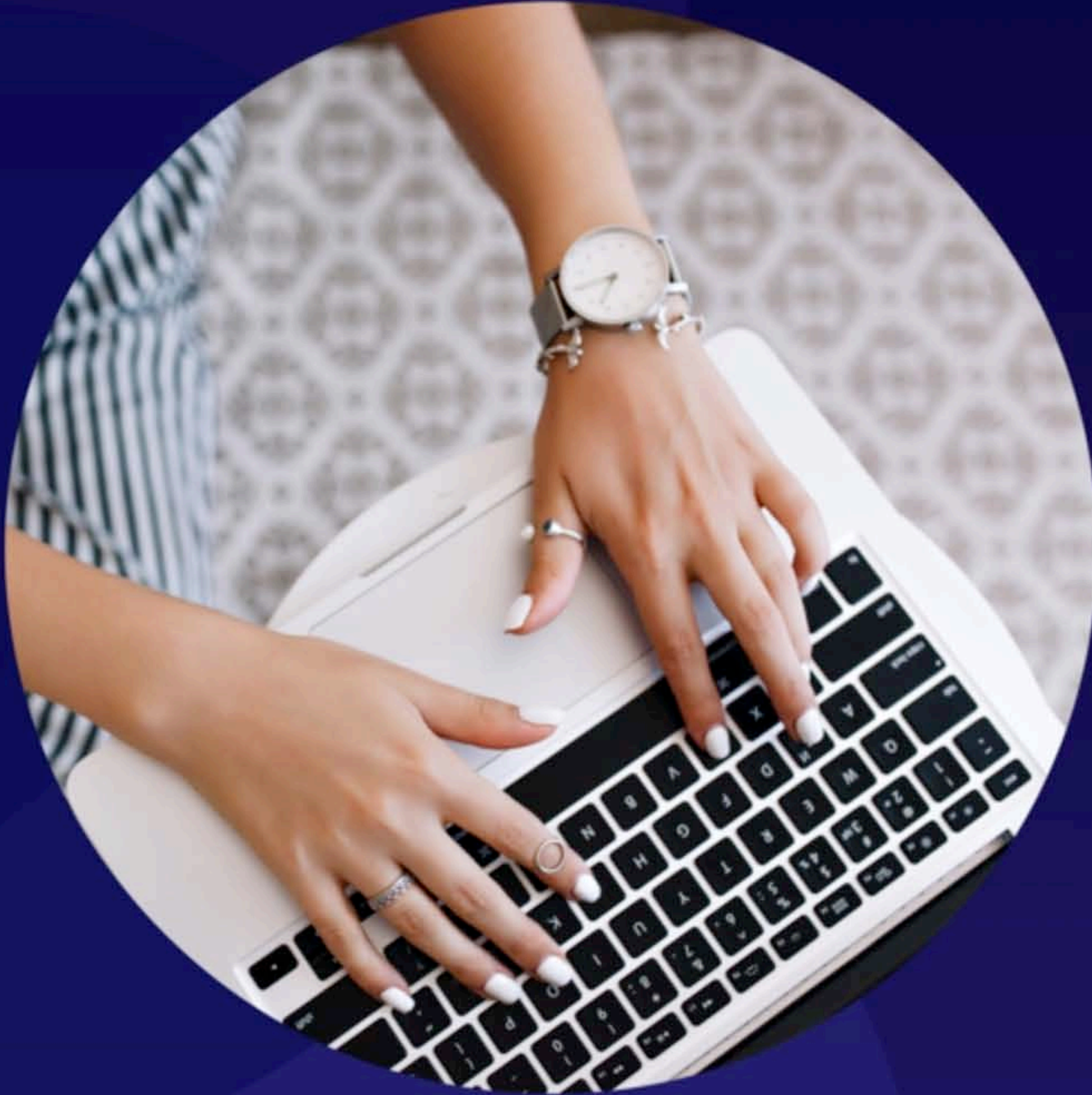
# Serverless Application Model (SAM) Commands

```
sam package \  
  --template-file ./mytemplate.yml \  
  --output-template-file sam-template.yml \  
  --s3-bucket s3-bucket-name
```

```
sam deploy \  
  --template-file sam-template.yml \  
  --stack-name mystack \  
  --capabilities CAPABILITY_IAM
```



## Serverless Application Model (SAM) - Exam Tips



# Serverless Application Model

Define and provision serverless applications using CloudFormation

**sam package**

Packages your application and uploads to S3

**sam deploy**

Deploys your serverless app using CloudFormation