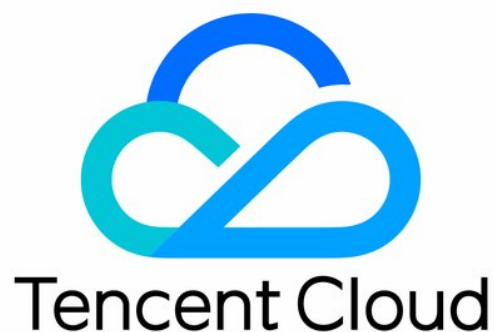


Tencent Cloud Infrastructure as Code

Product Introduction

Product Documentation



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Product Introduction

Overview

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Tencent Infrastructure as Code (TIC) is an open Infrastructure as Code (IaC) platform developed by Tencent Cloud. By integrating leading open-source technologies, TIC allows you to manage your cloud infrastructure in an efficient, cost-effective, and secure manner.

TIC offers three features: resource orchestration, configuration management, and compliance check. It supports the HCL (Terraform) syntax, and offers multiple public templates built upon Tencent Cloud best practices to simplify usage.

Strengths

TIC continues to integrate industry-leading products to offer you the best TIC practices. Compared with other IaC products, TIC has the following advantages.

Free of charge

TIC is completely free of charge. All features are based on open-source technologies independently developed by Tencent Cloud. You will only be billed for cloud resources created using TIC.

Multi-cloud support

As an open platform, TIC allows you to deploy, migrate, and manage cloud resources both in Tencent Cloud and in multi-cloud scenarios. TIC currently supports resource orchestration and configuration management of mainstream cloud service providers, and will support more in the future to meet your business needs.

Ease of use

TIC supports Terraform and Ansible and is compatible with the HCL (Terraform) syntax. You can obtain relevant learning materials from the Internet to get started easily. TIC also provides different templates to help you build your own infrastructure by modifying some basic parameters.

Comprehensive IaC

TIC not only supports basic resource orchestration, but also configuration management, application deployment, and compliance check. TIC allows you to improve efficiency, while reducing operational costs and risks.

Diverse templates

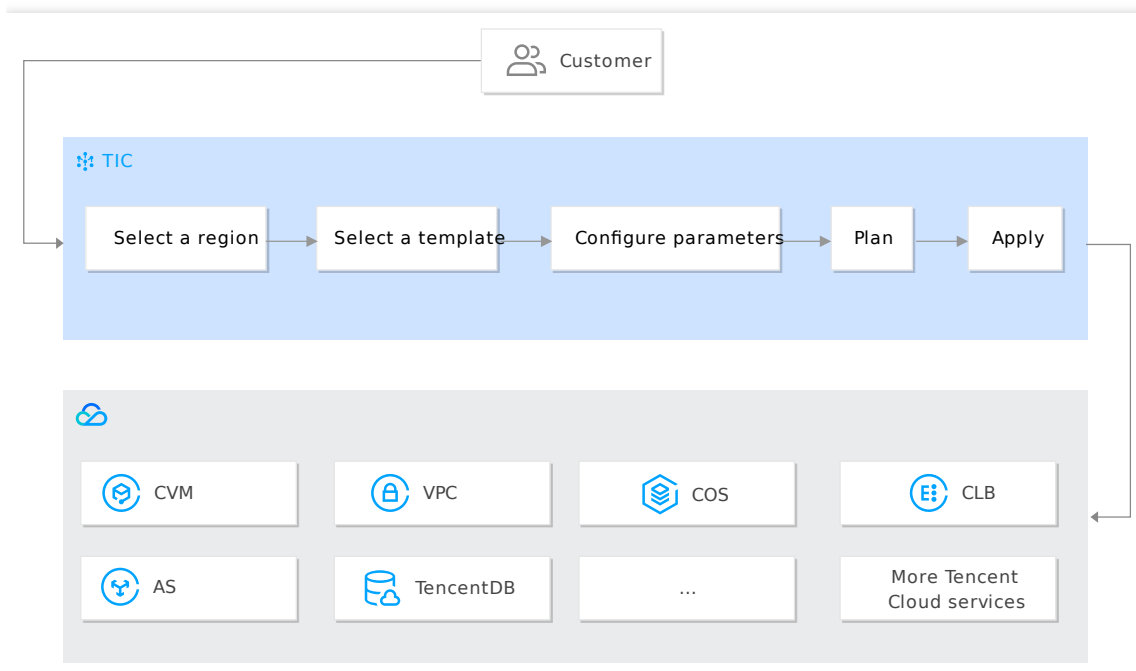
TIC supports public and private templates. Private template management allows you to use existing infrastructure, while saving and managing successful infrastructure cases. Public template management provides you with industry best practices, serving as a reference for you to use and optimize the infrastructure.

Use Cases

Last updated : 2020-08-13 09:31:19

Quickly creating Tencent Cloud infrastructures

If you need to quickly create multiple identical infrastructures, such as creating the same infrastructure in different regions or enabling cross-region disaster recovery, TIC is an ideal choice. It helps you avoid repeated operations in the console, reduces the cost of learning API usage, and lowers the risk of misoperations. You only need to specify a region, select an existing template, modify required parameters, and submit configurations to create corresponding infrastructures.



Deploying an infrastructure in a multi-cloud environment

If you need to build an infrastructure in a multi-cloud environment to enable cross-cloud resource management and migration, TIC is an ideal choice. It calls APIs based on different cloud service

provider resources, and builds a multi-cloud infrastructure based on resource dependencies.

