

# CloudApp

## Product Introduction

## Product Documentation



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## Overview

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### What Is a CloudApp?

CloudApp is a platform for managing the full lifecycle of cloud applications. For resource management, CloudApp provides you with an application dashboard to help you aggregate and manage cloud resources under your Tencent Cloud account based on business needs, and provides data in multiple dimensions such as basic resource information, costs, and monitoring, to help you quickly obtain a panoramic view of underlying resources of the application and improve daily operation efficiency. For application selection and installation, CloudApp also provides you with a curated enterprise application store. You can complete the procurement of software and underlying cloud resources with just one click, and the CloudApp platform automatically completes the deployment of the cloud resources and the installation of the software.

### Strengths

Capacity	Advantage	Description
Application dashboard	Visualization Management	The application dashboard can visually display associated resources. You can quickly gain insights into application resource information, cost consumption trends, and alarm statistics.
	Resource Management	The application dashboard supports managing resources by subscribing to tags or manually selecting resources. You can choose one when creating a custom application. It aggregates business resources in multiple dimensions, with flexible functionality and efficient management.
	Cost analysis	Enable cost and trend statistics by billing statement and consumption bill respectively. Two kinds of bills can be freely switched. The time interval can be independently chosen. Automatically perform cost allocation by application without manual configuration.
	Business Health	Monitor and alarm resources within application uniformly to guarantee business security stability.

App Store	Transparent application procurement	The software and hardware of the application are priced as a bundle, making prices clear and transparent.
	Automated deployment and installation	Automated installation and deployment significantly reduce installation time and avoid manual deployment errors.
	Private running environments	Use the cloud VPC deployment mode, and the customer exclusively uses the underlying cloud resources of the application to protect data privacy.

## Use Cases

### Cloud Resource Operation and Maintenance

Use the application dashboard to manage cloud resources from a business perspective, providing a panoramic view of the application's resources, costs, and monitoring information, and improving operational efficiency.

### Enterprise Application Store

A large number of curated enterprise applications are all natively adapted and tested by Tencent Cloud, ensuring reliable and guaranteed running.

### Privatization Deployment of Cloud Applications

Private installation of the application on the cloud is implemented by using CloudApp mode, meeting the requirement for data privacy and security.

# Application Dashboard Introduction

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## Overview

The application dashboard is a visualization tool provided by Tencent Cloud for customers to manage resource grouping. You can create applications based on multiple dimensions such as projects and businesses through the application dashboard. The applications can help you solve complex resource management problems such as resource grouping and cost management under your Tencent Cloud account.

Application dashboard: as shown in the figure below.

Application details are as shown below.

## Features

### Resource Group Management

Perform resource group management on Tencent Cloud resources under the account, and support resource aggregation by manually associating resources.

### Cost Allocation by Application

Support viewing your bill data by application dimension. No manual setting required for cost allocation dimension. Automatically allocate costs by application to solve the cost allocation problem of resources. Support multi-dimensional bill data of expense bills and consumption bills to meet your cost analysis needs in different scenarios.

### Monitoring and Alarming

Support viewing resource alarms and monitoring under applications, quickly locate business-related issues, and safeguard your business operations.

### Visual Management

The application dashboard adopts a visual management mode to present resources, costs, monitoring, and alarm information in charts. The trends over time of costs, alarms, and other information are clear at a glance.

## Application Management Methods

For different scenarios, we recommend that you use the methods shown in the following table to manage applications.

Scenario	Application Management Methods
Existing Resource Management	Customize applications through the CloudApp dashboard, supporting the manual association of resources. For detailed operations on categorizing resources through applications, please see <a href="#">Application Dashboard Operation Guide</a> .
New Resource Management	CloudApp provides the ability for one-click installation of software. Customers can deploy with one-click installation by accessing the software's installation link. The cloud resources that the software depends on will also be automatically categorized under the application, and subsequently, integrated hardware and software management can be performed through the application.