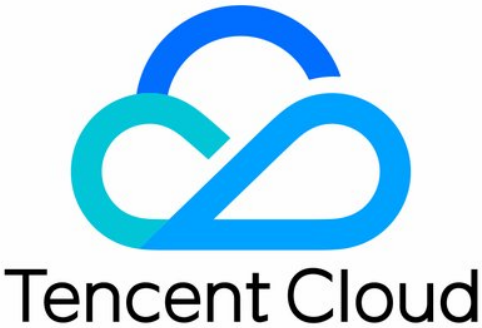
Tencent Cloud Mini Program Platform FAQs

Product Documentation



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FAQs

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Can Tencent Cloud's Mini Program platform implement a single codebase that supports multiple platforms under central management?

Yes, Tencent Cloud's Mini Program platform supports a unified codebase, which is concurrently released to WeChat and proprietary Apps, thereby enabling companies to centrally manage their mini program resources.

What advantages does the Mini Program container offer compared to traditional H5?

The Mini Program container provided by Tencent Cloud's Mini Program platform offers the following advantages over traditional H5:
Security Advantages:
H5 carries significant security risks, as attackers can infiltrate pages through JavaScript hijacking, information tampering, and webview interception, leading to increased business risks. Additionally, H5 is easily cracked in terms of storage, passwords, and communication encryption. In contrast, Tencent Cloud's Mini Program container encapsulates business code within a secure sandbox, ensuring the safe execution of the mini program through domain control and native-level security channels.
Execution Efficiency:
The Mini Program naturally excels in code execution compared to H5. The Mini Program container employs a dual-thread model, with one thread dedicated to UI rendering and the other to logic code execution. This advantage has been well-demonstrated on WeChat.
WeChat Ecosystem:
Fully adhering to the technical specifications and distribution standards of WeChat's Mini Programs, it allows for a swift migration of existing mini programs within the WeChat ecosystem to a company's proprietary app with a single click.

From a corporate perspective, how can a Mini Program ecosystem be constructed?

1. The traditional H5 development approach can be replaced with the WeChat Mini Program development method. This allows for the simultaneous release of a single code set on both WeChat and the proprietary app, thereby reducing costs and enhancing efficiency.
2. By leveraging a proprietary open Mini Program platform, a company can construct its own open ecosystem, inviting external mini programs to collectively enrich the ecosystem's capabilities, thereby enhancing customer acquisition, traffic generation, and influence of the company.
3. The WeChat Mini Program ecosystem provides innovative support to a company's open ecosystem, offering external capabilities through the container SDK and Mini Program approach.

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If the existing resources are H5, how to smoothly switch or transit to the Mini Program ecosystem?

The H5 code can be restructured according to the syntax of the Mini Program. The majority of the logic, such as JavaScript, is reusable.
The WebView method is adopted to load H5 pages within the Mini Program.

Does the Tencent Cloud Mini Program platform support Chinese SM?

The Tencent Cloud Mini Program platform supports Chinese SM, such as SM2 and SM4 encryption algorithms.

Which deployment methods are available on the Tencent Cloud Mini Program platform?

The Tencent Cloud Mini Program platform supports various deployment methods, including private deployment, hybrid cloud deployment, and public cloud SaaS deployment.

How can a company attract third parties to integrate their Mini Programs into its proprietary ecosystem?

Initially, third parties have been attempting to attract traffic through channels such as WeChat and the Internet. Now, the proprietary corporate app platform can provide them with a new source of traffic. Therefore, third-party Mini Programs are willing to integrate into the open corporate ecosystem, and the companies' existing users can also become potential users for these third-party partners.

Secondly, from the perspective of a company itself, enhancing its ecosystem capabilities and enriching its content system through ecosystem integration will attract more users. Moreover, through ecosystem development, it can achieve more refined user data accumulation, providing robust data support for more detailed marketing promotions.

Therefore, this is a win-win situation for all parties involved, requiring only the provision of a secure and open platform system.

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