

# **Cloud Infrastructure Project in Tax Cloud Generation**

## **I. Project purpose**

In response to the government's cloud policy and to optimize the quality of services for the people, the Fiscal Information Agency of the Ministry of Finance promoted the "Cloud Infrastructure Project in Tax Cloud Generation", using public cloud infrastructure and micro-service technology to prioritize the integration of the "Consumer Channel Cloud Invoice Microservice", "Good Tax Helper", and other important services into public cloud platforms in order to provide higher-quality services with fewer resources, and improve government service efficiency and overall service satisfaction.

## **2. Implementation content**

1. Use public cloud infrastructure to introduce consumer channel cloud invoice microservices, transfer invoice query-related API services of multiple carriers as well as statistical results and open topics related to open data value-added applications to public cloud operations to improve service availability and expansion capabilities.
2. Promote cloud services of the "Good Tax Helper" through the public cloud environment, select important public services that are suitable as cloud services, such as cloud tax information query, trial calculation API, cloud printing payment book and winning invoice query, etc., and prioritize their transfer to public cloud operations, thereby providing higher quality services with fewer resources, and improving government service efficiency and overall service satisfaction.

## **3. Expected benefits**

1. Improve resilience of cloud services
  - (1) The software and hardware equipment and information security protection provided by the public cloud platform can adaptively respond to the increase of users, automatically expand information system resources, and improve service efficiency.
  - (2) Introduce host virtualization and application system microservice technologies through the public cloud platform to meet the diversified query needs of the people and strengthen the tax cloud service capabilities.
  - (3) Establish a safe and reliable cloud invoice open data value-added application environment through the public cloud platform, and more

quickly and effectively manage and store cloud invoice open data for external use.

## 2. Optimize the public cloud service experience

- (1) With the concept of microservice design, achieve the goal of uninterrupted service and provide the public with a high-quality service experience.
- (2) Combine emerging applied technologies and provide innovative services through multiple service channels to enhance public convenience and peace of mind.
- (3) Expand the application of cloud invoice service to promote both quality and quantity.
- (4) Provide comprehensive online application services, such as precise and personalized tax passbook, late payment fee trial calculation service, and mobile payment book, to improve public satisfaction with government services.