

Emerging Service Development Trends of Amazon, Microsoft, and Google (pre-order)

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Abstracts

Despite their dominant market positions, leading international Infrastructure as a Service (IaaS) providers continue to introduce new services. Many of the services are developed following a common pattern: identifying new information and communication hardware demand, procuring the necessary hardware, and utilizing technologies such as virtualization and software-defined solutions to partition hardware resources. These resources are then offered as rental services over the Internet. Examples of services developed through this model include satellite ground station control, 5G communications, and quantum computing. This report analyzes the strategies of key industry players, such as Amazon, Microsoft, and Google, in emerging cloud services.

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