



Huawei Cloud **Stack**

The Preferred On-Premises Hybrid Cloud

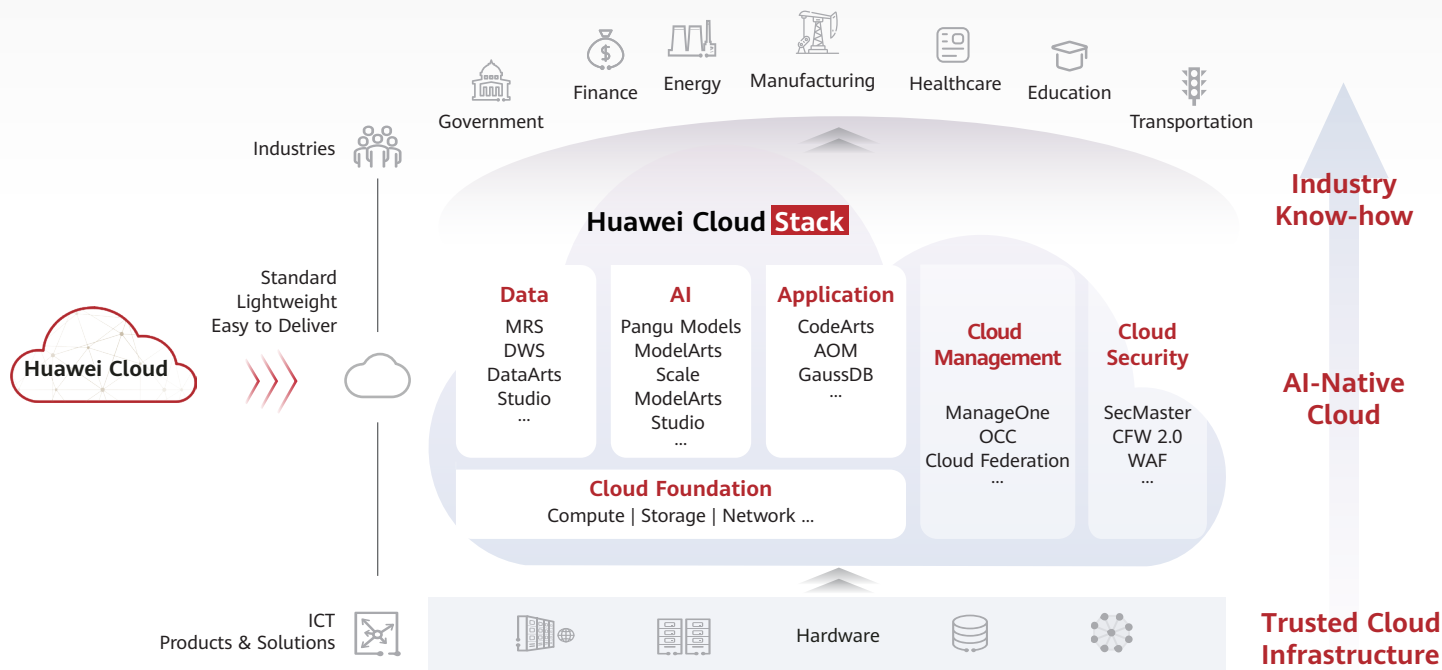


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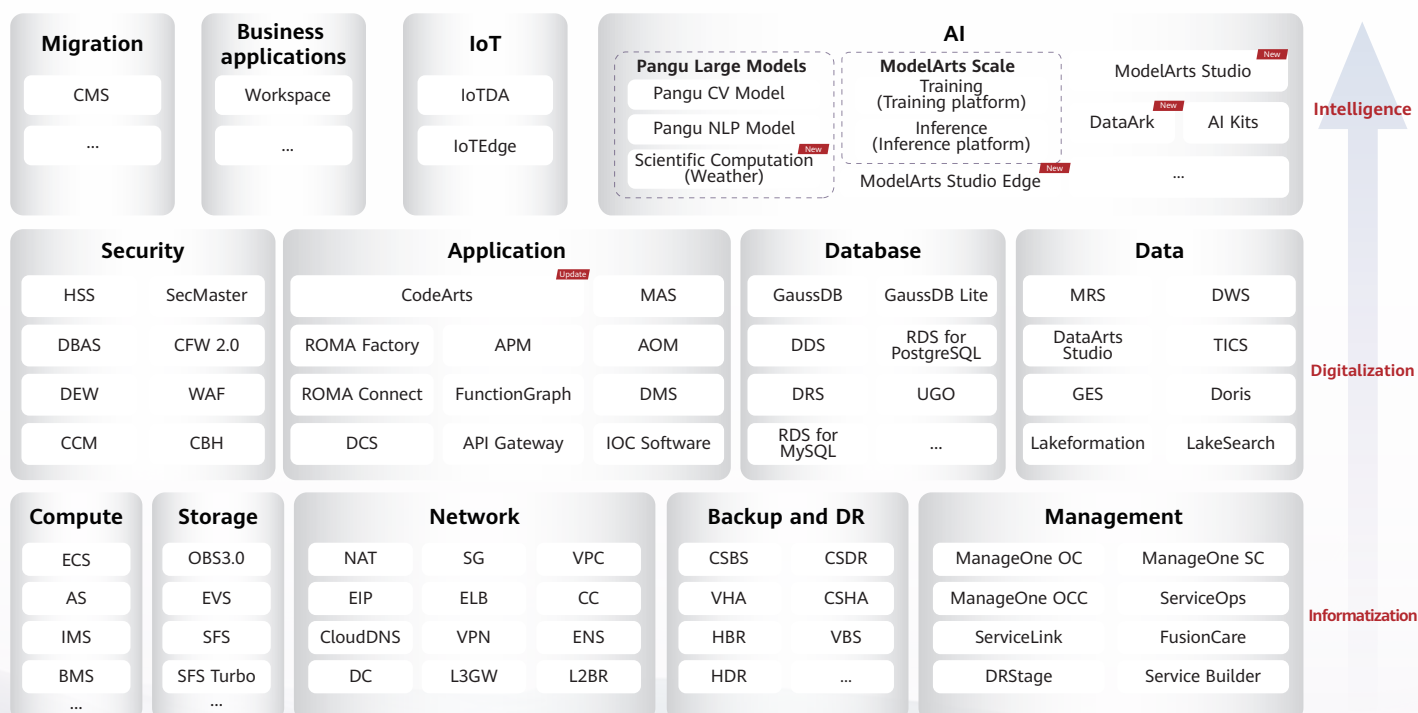
Huawei Cloud Stack: The Preferred On-Premises Hybrid Cloud

Supports on-premises deployment and provides comprehensive cloud services to help governments and enterprises dive into the cloud, thereby accelerating service innovation and intelligent upgrades.



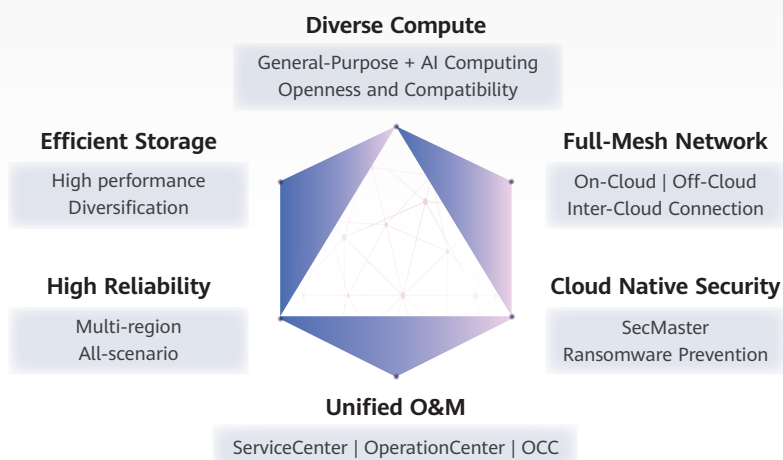
Huawei Cloud Stack 8.6.0 Cloud Services

Almost 100, the industry's most extensive on-premises cloud services, enabling customers to seamlessly upgrade from informatization and digitalization to Intelligence.



Huawei Cloud Stack Empowers Enterprises to Shift from Cloud Migration to a Dive into Cloud

Trusted Cloud Infrastructure



General computing and intelligent computing

- High-Speed and Low-Latency RoCE Interconnection and Layer 3 Storage Cache, Ensuring Long-Term, Stable, and Reliable AI Training

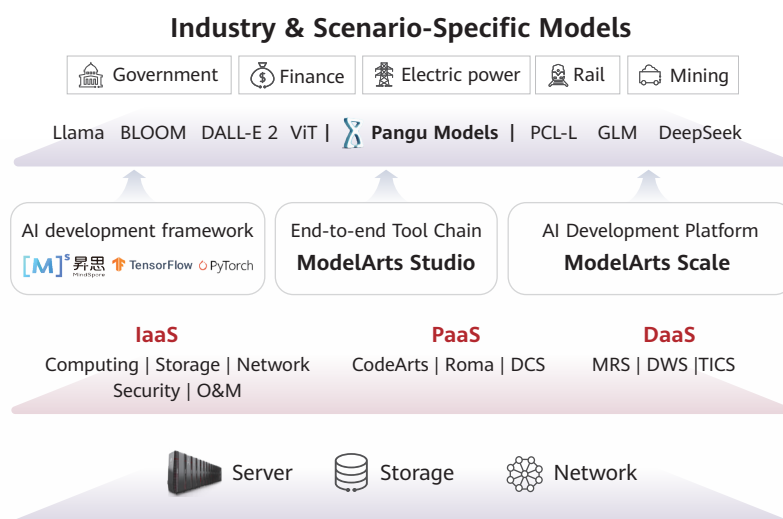
5 scenario-based compute solutions

- Data Computing | AI Computing | Container Computing | OA Computing | Cloud-Edge Computing

N+ key technology stacks

- Ultimate Computing, Storage, and Network Performance, Supporting Efficient Cloud Migration of Core Businesses
- Fast Fault Detection and Recovery Through Software-Hardware Synergy

AI-Native Cloud



Enabling All Industries

- Intrinsic integration and optimization of 30+ basic models
- 5 industries, 20 domains, 80+ scenarios

Enabling a Vast Range of Models and Applications

- Rich cloud services, AI development platform, and framework
- Enabling one-stop development of data, models, and applications

Building a Solid Backbone

- Leveraging all-round collaboration of compute, storage, network, security, and management to build AI-Ready infrastructure
- Able to directly add AI computing power to existing cloud platforms

Industry Know-How

Collaborating with ecosystem partners to launch over 50 scenario-based solutions for industries such as government, finance, and telecommunications, making cloud adoption simpler for customers.

Scenarios

Industrial Internet | Virtualization Migration | Digital twins...

Tools

AppArk | DataArk | One-stop migration | ...

Ecosystem

Government service/OA



Carrier



Finance



Smart Education



Professional services

Service survey

Solution LLD

Data on cloud

Database replacement

Apps on cloud

Large model innovation

IoT enablement

Product Portfolio

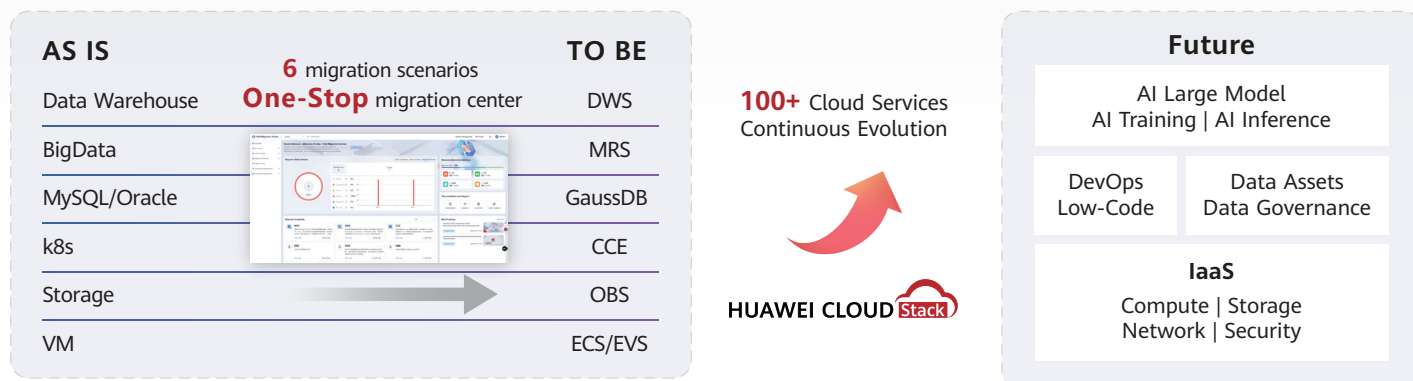
IaaS | Databases | Containers | Software tool chain | Big Data | Data warehouse | AI models ...

Digging deep into the industry



Virtualization Migration

To help customers upgrade from Traditional IT to the cloud, Huawei Cloud Stack offer a full set of migration support, including tools, services, and best practices. One-stop migration center covers 6 major scenarios. It uses agentless technology, requiring no changes to the business and having no impact on the migration process.

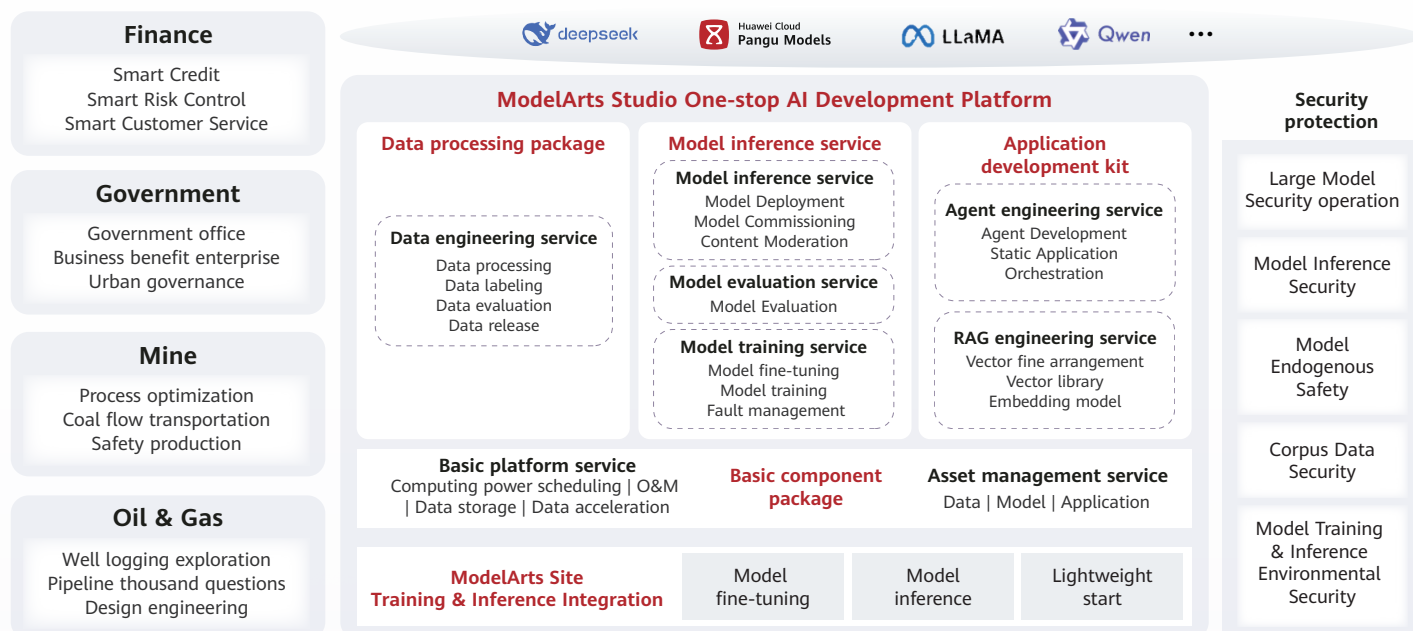


Success Story

Thailand's largest carrier previously had siloed IT systems. Now, it has replaced traditional virtualization with cloud infrastructure and partnered with Huawei Cloud Stack for its hybrid multi-cloud strategy. Leveraging a robust cloud foundation and worry-free migration, it has achieved significant improvements. Specifically, hardware utilization increased by 30%, three-year TCO reduced by 50%, and O&M efficiency enhanced by 20%.

AI

Huawei Cloud Stack ModelArts Studio is a one-stop AI development platform for different types of developers (data engineers, model engineers, and application engineers). It provides eight capability modules to implement one-stop data processing, model development, and application development, simplifying model building, training, and deployment.

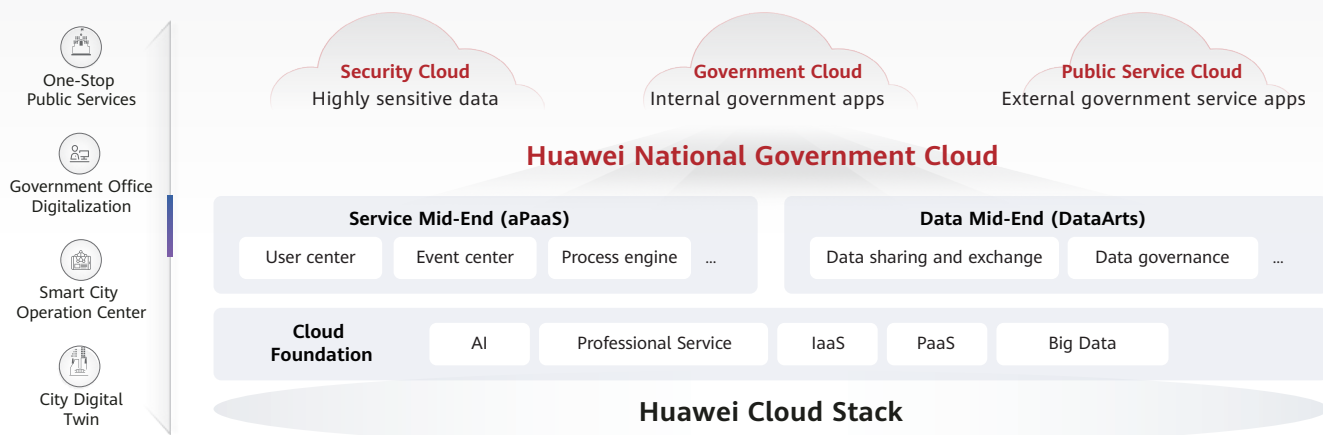


Success Story

Based on the Huawei Cloud Stack ModelArts one-stop AI development platform and Pangu large model, Xiangtan Iron and Steel Co., Ltd. has developed and launched the first batch of AI large models, covering 32 scenarios such as coking, sintering, ironmaking, and steelmaking in the steel process, and explored more than 100 scenarios, and completed digital enablement throughout the whole process and business. In the future, Xianggang will replicate and apply these innovative achievements in Hunan Iron and Steel Group on a large scale, and enable downstream industries and even the whole industry.

Government

National digitalization is now in a comprehensive intelligent stage driven by data and AI. Huawei, with its innovative ICT technologies and leading digitalization practices, has launched National Cloud 2.0. It helps governments accelerate national digitalization from three aspects: trustworthy cloud infrastructure, innovative cloud service capabilities, and extensive industry practices.

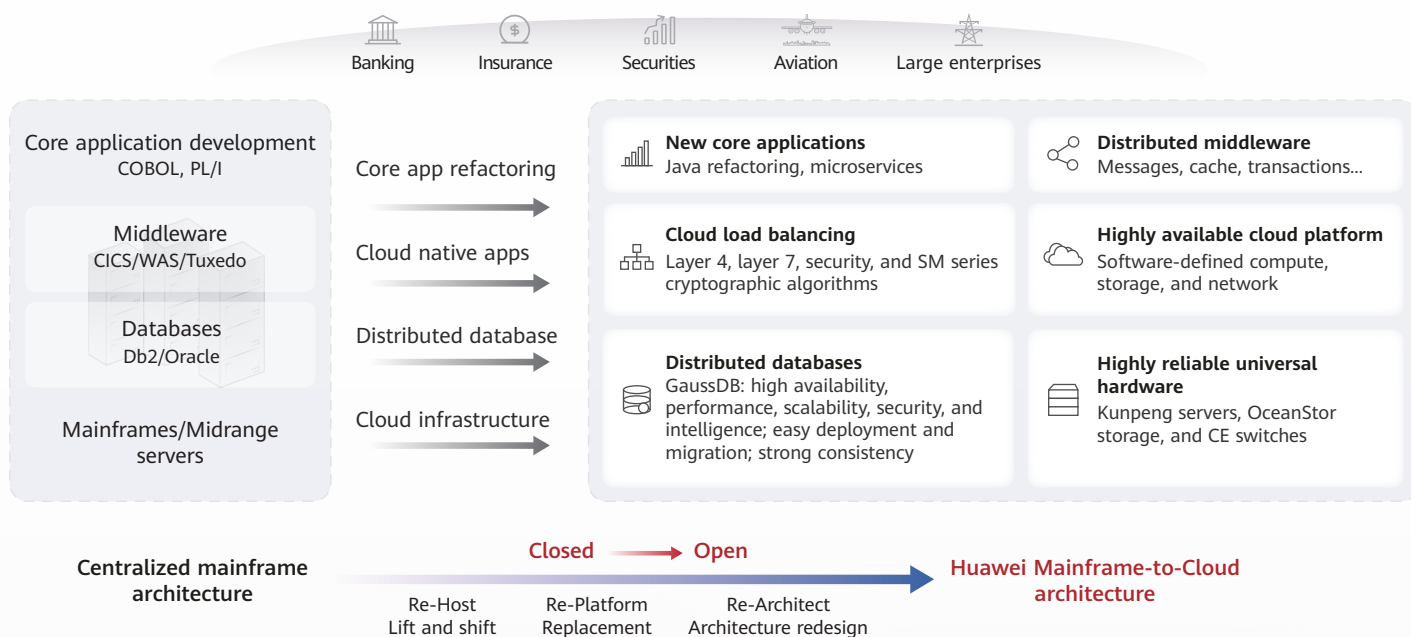


Success Story

The Uzbekistan government leveraged Huawei Cloud Stack to establish a secure, reliable national government cloud. Onboarding of legacy virtualized resources avoids repeated investment. With the intelligent O&M tools, two or three onsite engineers are just needed to maintain a cloud platform with a scale of 600 nodes. The government web portal, and open data portal of Uzbekistan run smoothly on Huawei Cloud Stack. 725 public services launched on the government web portal are being used by 4 million users throughout the country.

Core Banking Cloudification

Huawei's Mainframe-to-Cloud Solution replaces mainframes with cloud-based systems, offering three migration paths (rehost, replatform, rearchitect) and 99.999% availability. It combines software-hardware synergy for agile, maintainable core systems with customizable scenario-based solutions and standardized delivery.



Success Story

The Postal Savings Bank of China (PSBC) migrated its core system from midrange to cloud, building a next-gen distributed system for personal queries. The new scalable system cut TCO, boosted online transaction speed, accelerated batch processing/settlement, and raised peak capacity. It now handles 2B daily transactions (67K TPS at peak) for over 650M customers.

Professional Services

Huawei Cloud Stack offers end-to-end professional services, including consulting, deployment, migration, and O&M support. Covering the full cloud lifecycle, it helps customers easily build, use, and manage cloud platforms to maximize digital transformation value.



No.1 in Cloud Ops Strategy & Execution & Middle East

F R O S T
&
S U L L I V A N

Leading Position in Asia-Pacific Hybrid Cloud Market

5,500+ Global Customers

800+ Government Clouds

300+ Finance Clouds

- **Leadership** in China's hybrid cloud infrastructure market
- **No.1** market share in China's hybrid cloud market
- **No.1** in China's on-premises big data platform market
- **No.1** in China's professional cloud services market
- **No.1** in China's big data market
- **No.1** in China's container infrastructure software
- ...

Government	Finance	Carrier	Enterprise
<p>Egypt NAS National sovereign cloud, enabling Egypt's vision 2030</p>	<p>China Everbright Bank Building a Full-Stack Financial Cloud for Digital Banks</p>	<p>CMPak, Pakistan Smart middle platform for carrier big data</p>	<p>Orel IT, Sri Lanka Largest IT employer of Sri Lanka</p>
<p>UAE Ankabut Education Cloud, enabling 120+ education institutions</p>	<p>BNC, Indonesia Digital bank on the cloud, easily coping with the growth users</p>	<p>CTM, Macao(China) serving dozens of mainstream industry customers in Macao</p>	<p>CT Corp, Indonesia Cloud adoption of Indonesia's Top 5 groups for cost effectiveness</p>
<p>Uzbekistan The largest national cloud in central asia</p>	<p>M-Pesa, Leading Fintech The first local E-Wallet service in Africa</p>	<p>Ethio Telecom Carrier B2B cloud to promote the national digital strategy</p>	<p>E.Leclerc, France Embracing Comprehensive Digital Transformation with a Superbly Reliable Cloud</p>
<p>GDCC, Thailand The first large AI model for the government sector</p>	<p>SDEC, Malaysia Cloud help Sarawak leap to a digital economy powerhouse</p>	<p>Dialog, Sri Lanka Reduce the TTM of BOM application by 30%</p>	<p>SpaceNet, Germany Drive company's growth with cloud services</p>



Scan the code to learn more




Leap²Cloud

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