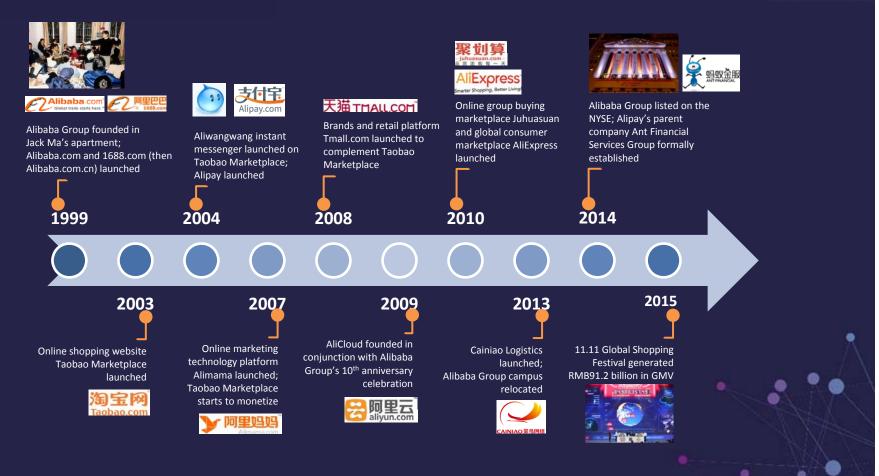


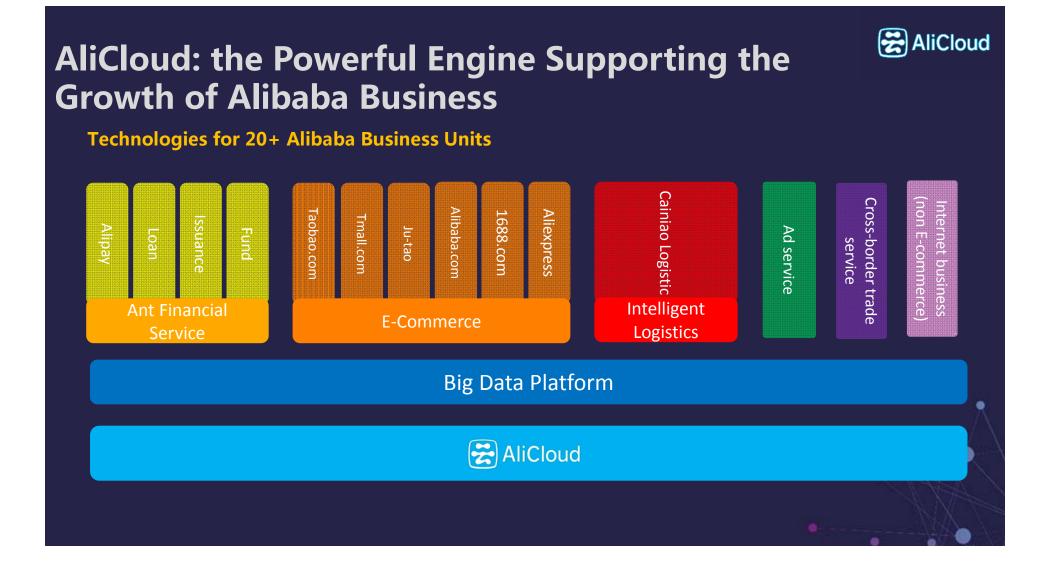
Build World on Cloud Together

Name : Derek Wang(王宇德) Title : Chief Cloud Architect Email : derek.wang@alibaba-inc.com

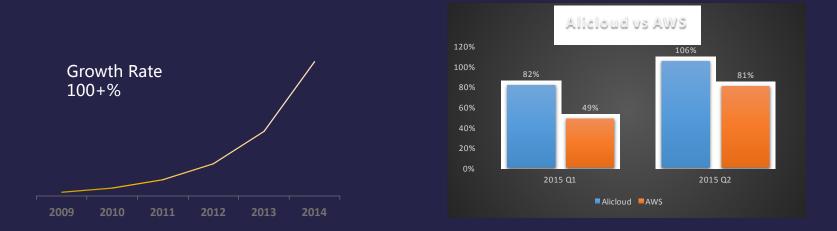
Key Milestones of Alibaba







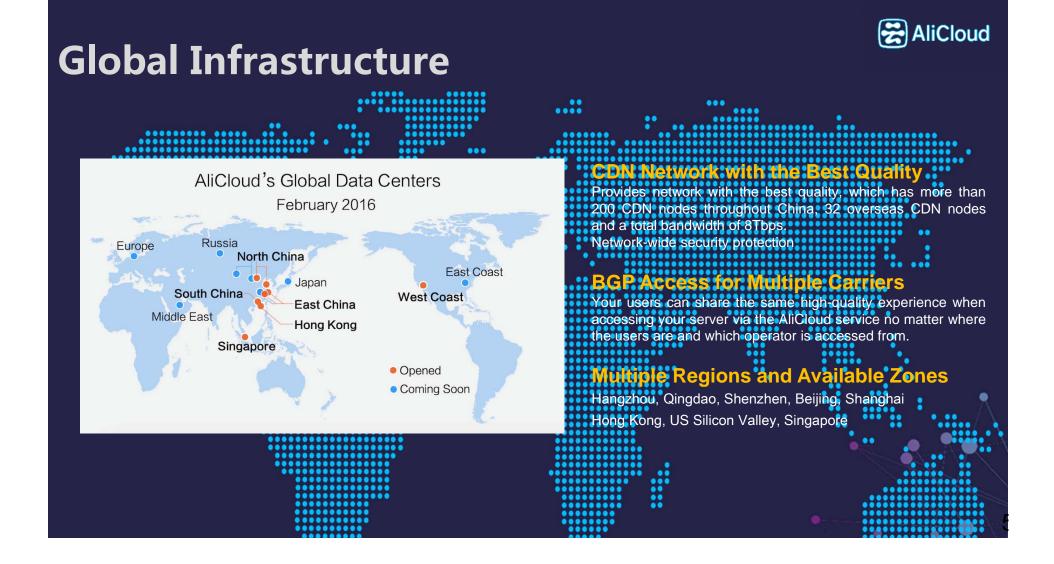
AliCloud is Growing Rapidly

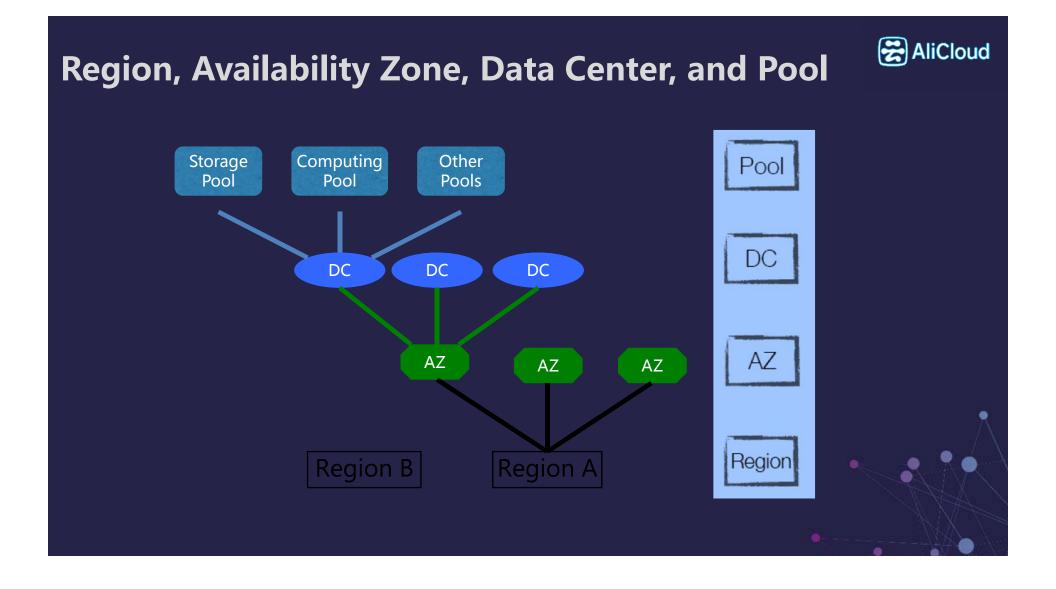


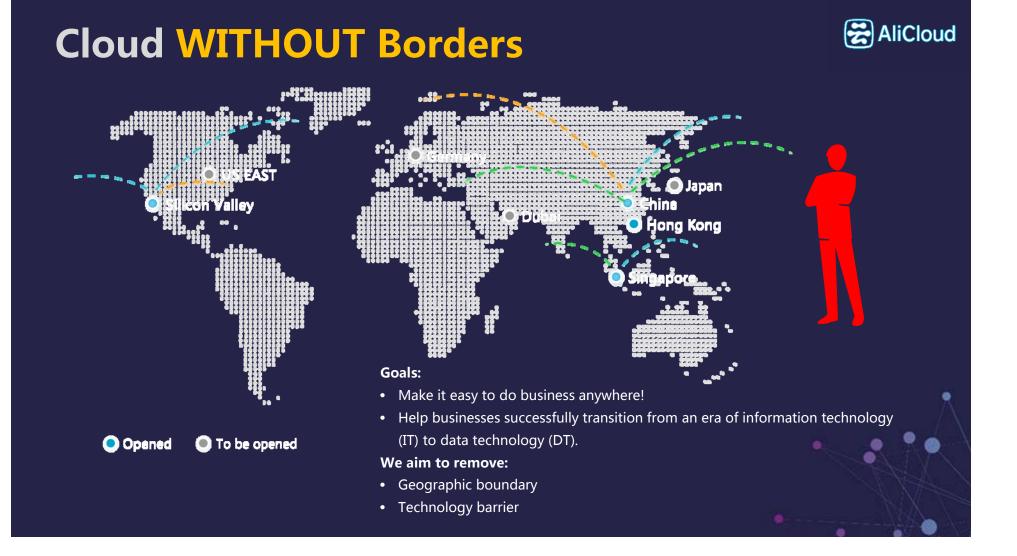
AliCloud

According to Alibaba group 3rd quarter Revenue report in 2015, AliCloud third-quarter revenue is up to 649 million yuan, a substantial increase of **128%** over last year, becoming the fastest-growing business of Alibaba

From authoritative research firm IDC data, in 2014 Alicloud occupy the first public cloud market share in China, Account for 29.7%, more than the Amazon, Microsoft and IBM share of the total market in China.

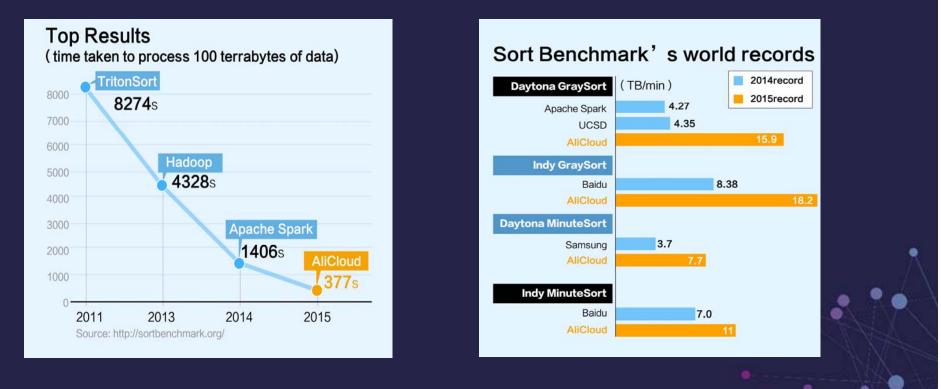


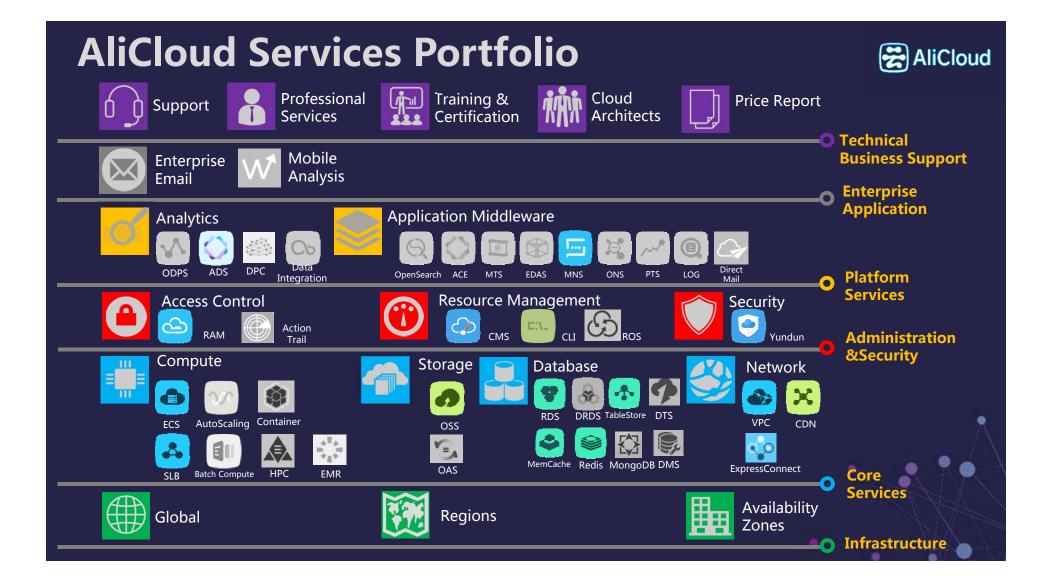




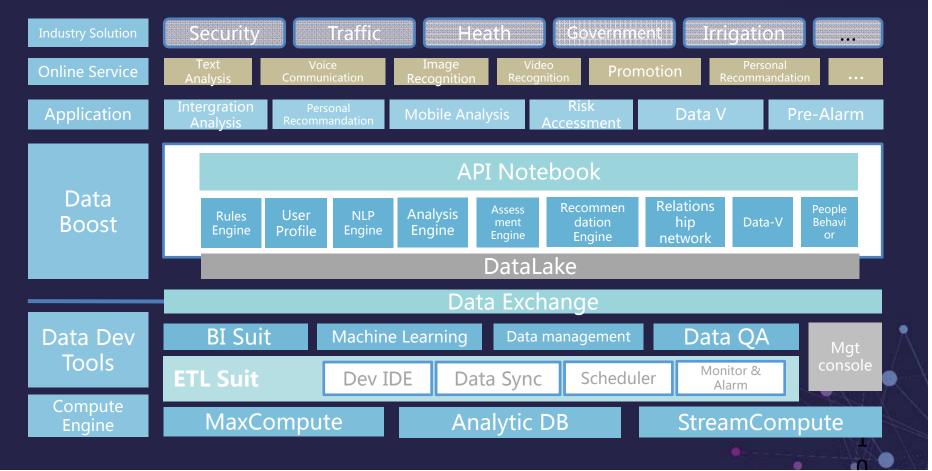
AliCloud Great Power in the world

AliCloud's entry in the 2015 Sort Benchmark Competition, has set the world records in sorting in four major categories.





Big Data Overview

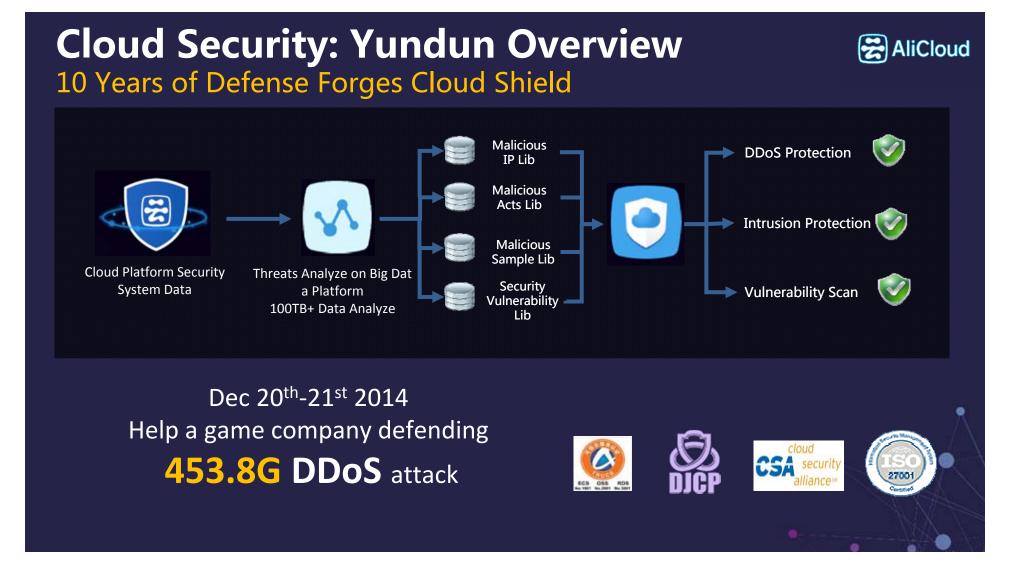


BIG DATA IN ALIBABA



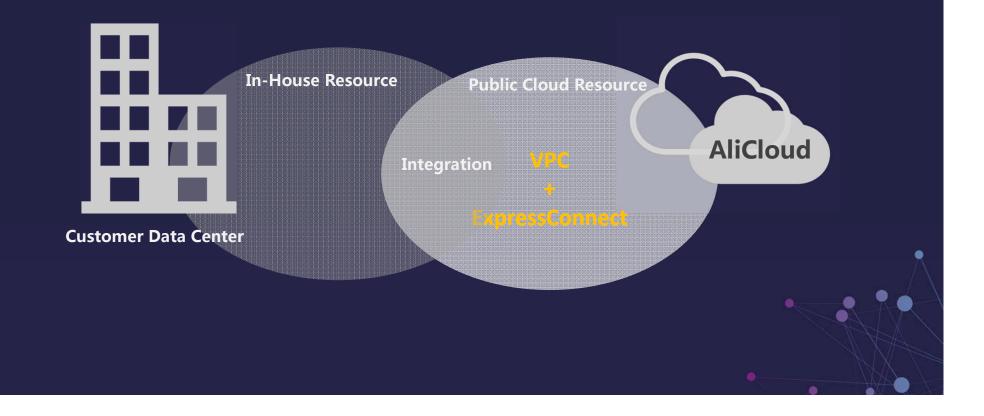
RiCloud

- 300M+ active user information
- 600M+ devices information
- **5000**+ labels on one person
- 30M+ POI addresses database
- 1000M+ shipping address
- 100B+ relationship connections
- 3000+ big data engineer/analyst/scientist
- 800PB+ data



AliCloud Hybrid Cloud Integrating Cloud and Existing Assets





What AliCloud Capabilities you may needs



- **Extensive Ecosystem**
- Global Cloud Resource especially in China, Cross Border DevOps
- **Comprehensive and Powerful Cloud Services**
- **Cutting-edge Big Data technology**
- Security
- **Hyrid Cloud enablement**
- Maturity



Technology Innovation...



- Customized hardware: self-built modular Green
 Data Center
- Tianji(天基) System: large scale DevOps system to maintain 1 million physical machines
- Xen Live Migration

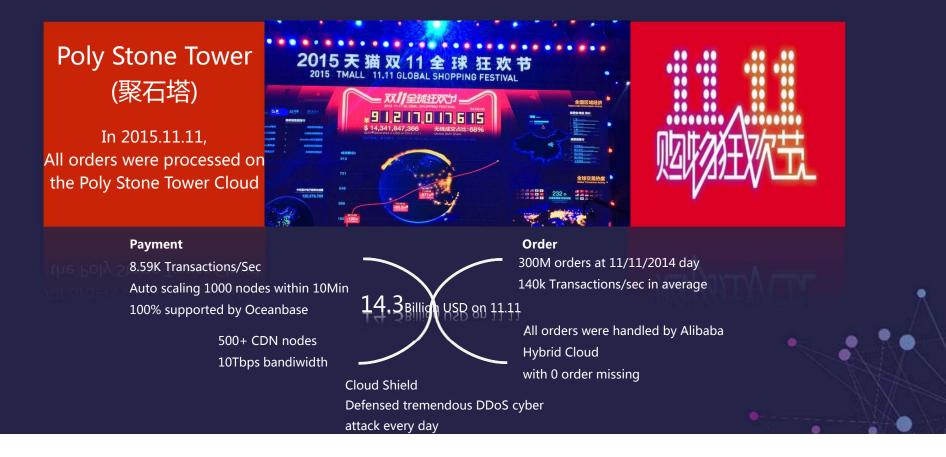
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- Hypervisor level Hotfix capability
- Docker officially support AliCloud object storage
- ECS-based Hadoop/Spark/HBase managed service clusters, easy to process big data



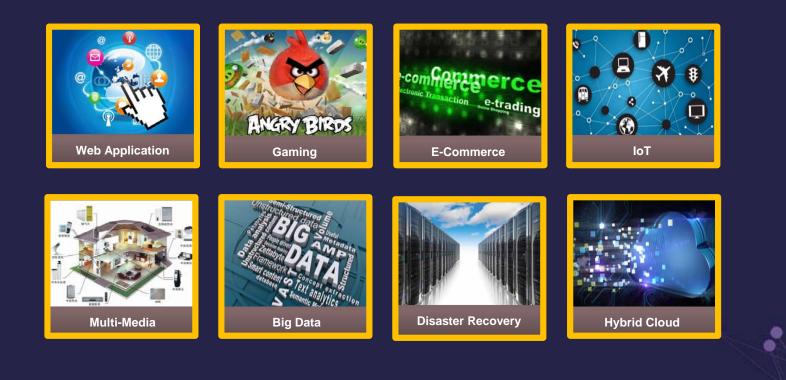
Mature and Verified by Large-scale Case

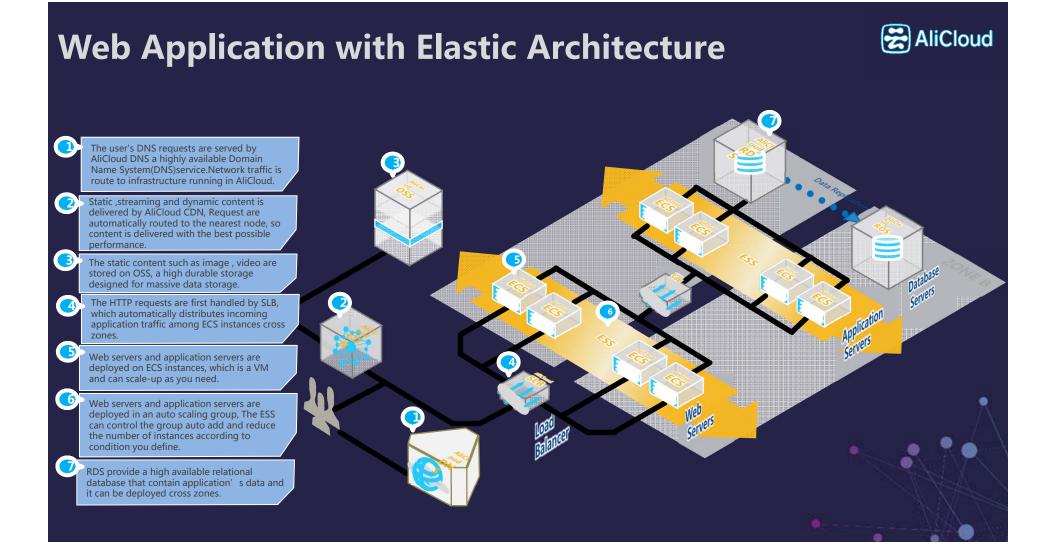
Technology behind the Double 11 Shopping Carnival



Solutions







Media Sharing

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User visit media upload page and upload media file to web servers, the web server is running on ECS instances, distributing request traffic by SLB,

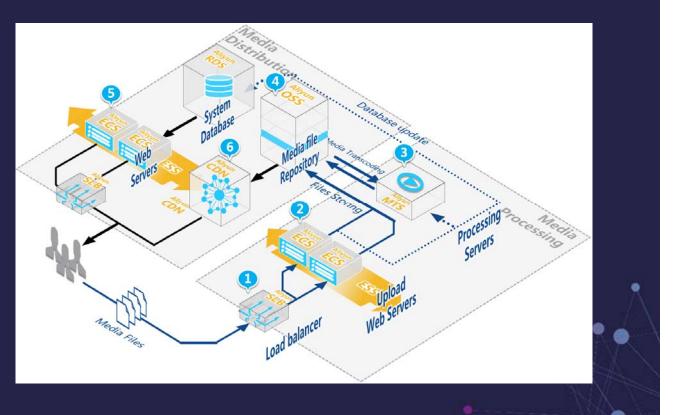
Web server store media file into OSS as file Repository, and invoke MTS to run media file Transcoding jobs asynchronously.

MTS is short for Multimedia Transcoding Service. It deliver elastic and cost-effective transcoding service for audio and video files.

OSS provide PB-level storage capability. Each file store by three copies , for higher availability, OSS can stores files cross zones.

The web server is responsible for media sharing, they receive user's request for visiting media and seek the file metadata in RDS.

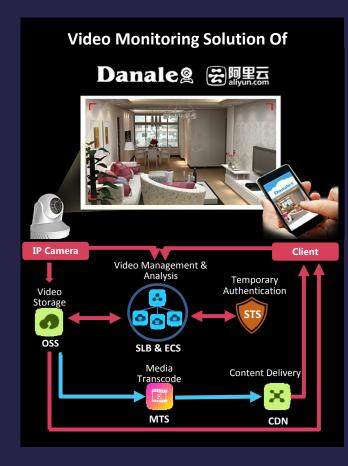
Media files are distributed from OSS to the end user via AliCloud CDN, a content delivery network. offering low-latency delivery through a worldwide network of edge locations.





Danale大拿





Danale, the IOT platform provider in US, supports millions of IP cameras for video monitoring, has used **AliCloud** and met the need of massive video storage and global users access with low latency.

Massive Storage

- AliCloud in US supports millions of cameras video transmission and storage
- The data volume uploaded everyday is ten times more than YouTube

Optimized Storage and Security Solutions

- Streaming storage solution is used to let the camera stream data store into Cloud directly
- A set of security solutions to protect user privacy

Cloud without borders

- Make it easy to deploy and manage overseas platform in China
- Unified management and operation with one AliCloud account

DJI







