



2016 杭州·云栖大会
THE COMPUTING CONFERENCE

云栖社区
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Grand Launch of Cloud Security Products



The Computing Conference

主办单位： 杭州

 Alibaba Group
阿里巴巴集团

战略合作伙伴：

Hanqing Wu

Chief Security Researcher of Alibaba Cloud



扫码观看大会视频

Part 1

Cyber Security Analysis of Today's Alibaba Cloud



Current Situation of Alibaba Cloud Security



Protect over 35%
of China's Websites



Block 200 Million Brute Force
Attacks Every Day



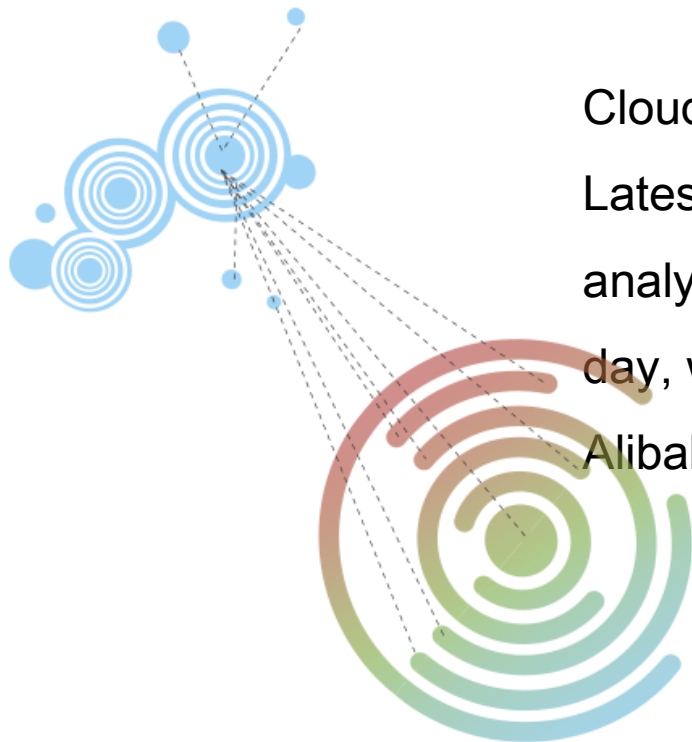
Block 20 Million Web Application
Attacks Every day



Mitigate Over 2,000 Times
of DDoS Attack

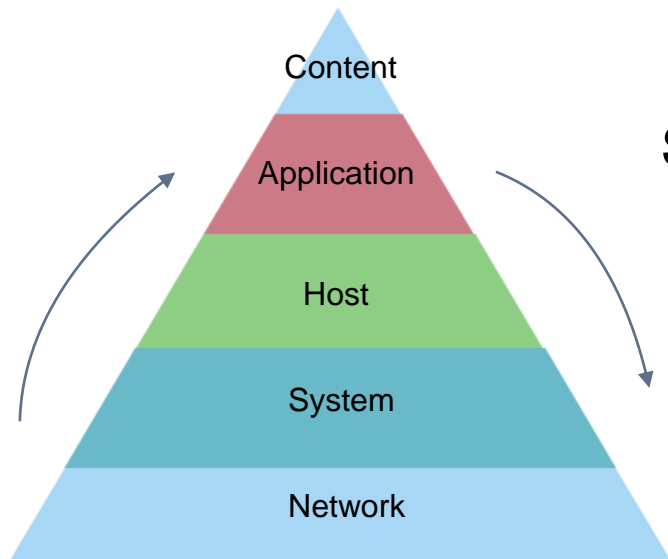


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Cloud computing aggregates data.
Latest threat intelligence is acquired by
analyzing and computing PB-level data every
day, which builds the core competitiveness of
Alibaba Cloud Security.





Continuous monitor and analyze

Security big data covering all IT Layers

Real threat intelligence is generated by integrating values of different data types.



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Big Data and Threat Intelligence Ability of Entire Network

1000+



Global botnet C&C
servers info, 80% of which
are effectively monitored

2.5 Million



Monitor over 2.5 million
active malicious IPs globally

10 Million



Over 10 million samples
of backdoor files recorded,
as well as their usages



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Global Defense Ability

- In November of 2015, Alibaba Cloud Security successfully mitigated the world's largest HTTPS(SSL) flood attack ever in history, with 950,000 QPS as maximum concurrent requests.
- Over 140 self-developed patches, helped our users fix more than 1 million vulnerabilities this year.
- Alibaba Cloud WAF helps customers block nearly 10 million web application attacks every day, most of which are SQL injections and automatic scans. Among those launched by humans, over 30% hackers performed continuous attacks.
- Over 50,000 backdoor files are detected and eliminated every day, the self-developed next generation backdoor detection engine is able to identify backdoor mutations.





Traceback Ability

Among cyber attacks such as database compromises, DDoS attacks, brute force attacks, over 95% of them can be traced to identify a hacker.

Customers under these attacks are most distributed in gaming, e-commerce and finance industries.



Security Ecology and White Hats

200



More than 200 ecological
products and services

1500



Over 1,500 white hats joined
Crowdsourced Security Testing

10
0



Over 100 security vendors
in China



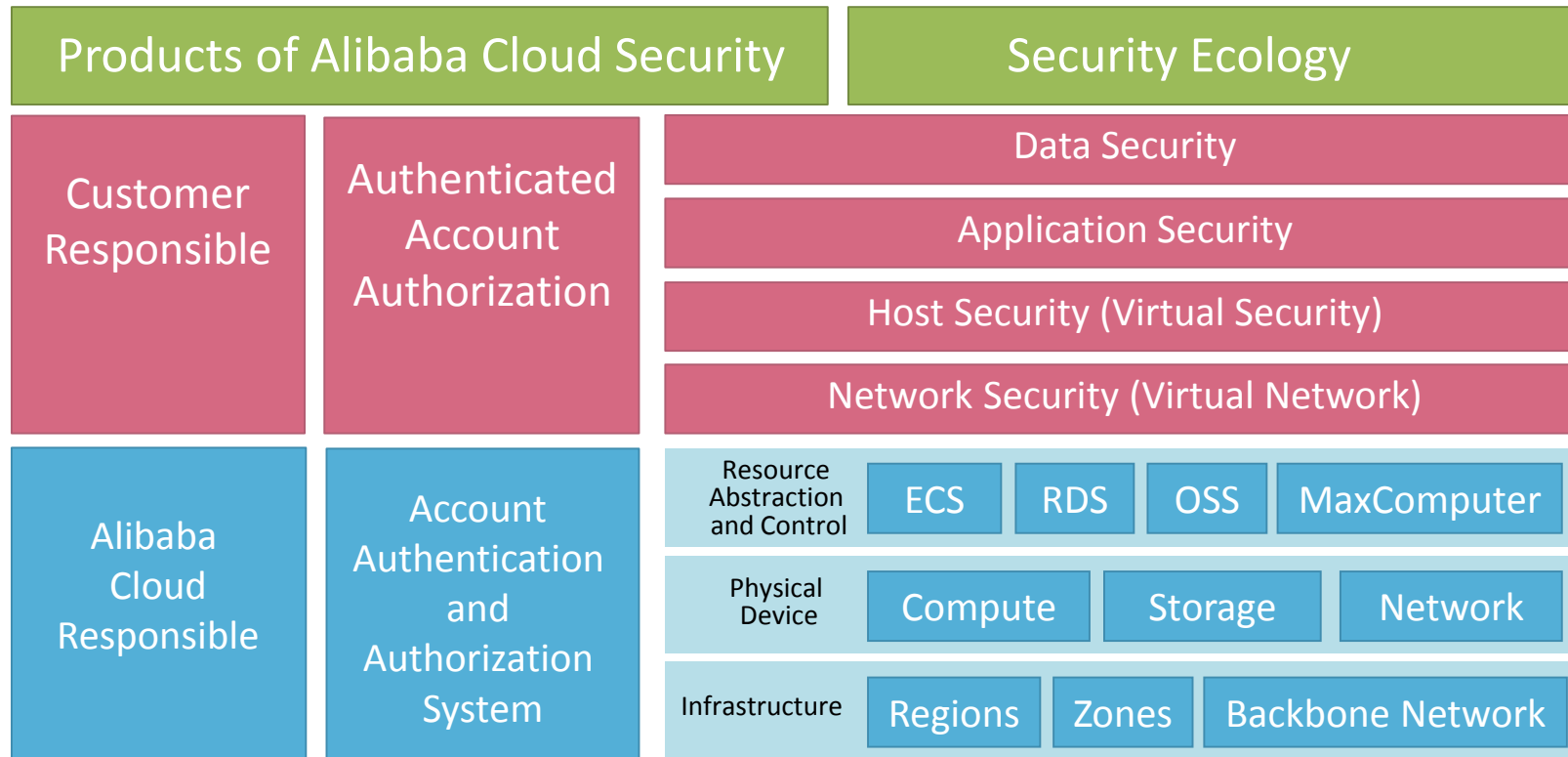
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Part 2

What Makes Alibaba Cloud Different ?



Cloud Security Shared Responsibility Matrix

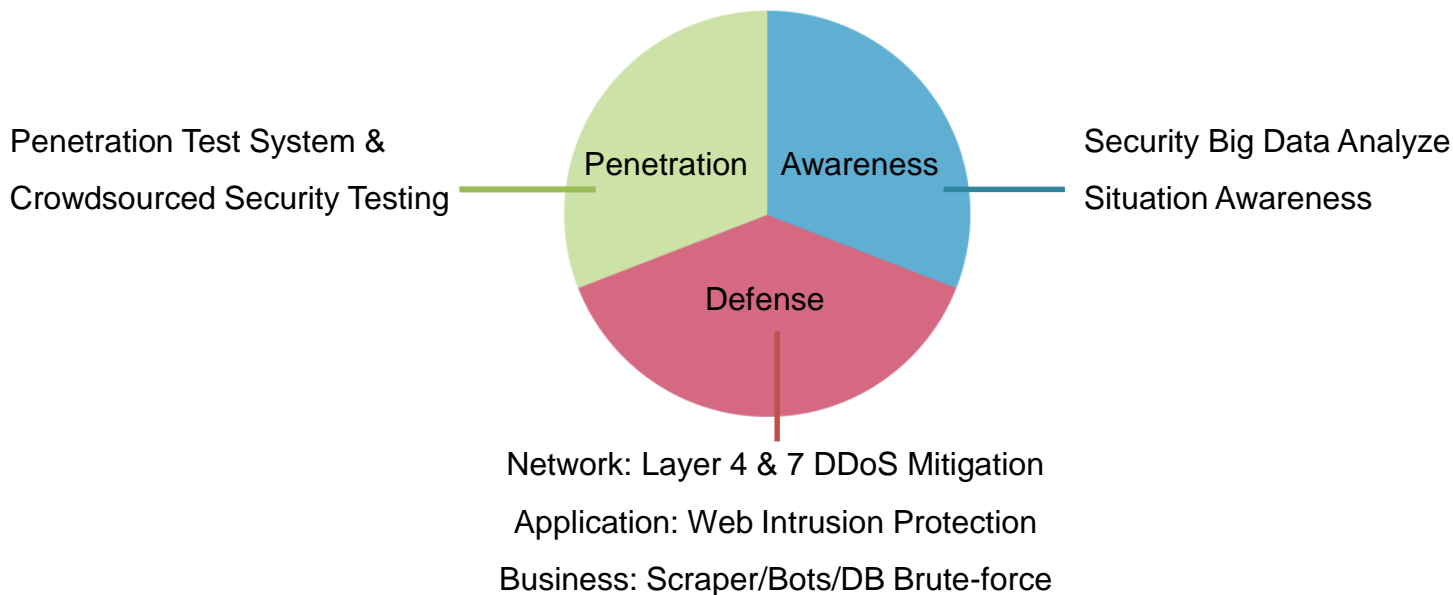




What makes Alibaba Cloud different from AWS/Azure is Alibaba Cloud Security.



Build A “Red N Blue Army Competition” Security System



Security Products Family



Security
Management

Situation Awareness

Operation Audit

Access Control

Business
Security

Content Security(Porn Detection)

Antifraud Service

Data
Security

CA Certificate

HSM

Data Encryption

KMS

Application
Security

WAF

Crowdsourced Security Testing

Mobile Security

System
Network
Security

Anti-DDoS

Server Guard

Express Connect



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Security Products Family



Security
Management

Situation Awareness
Oversea ETA Dec.

Operation Audit
Available overseas

Access Control
Available overseas

Data
Security

CA Certificate
Oversea ETA Dec.

HSM
Oversea ETA Mar.

KMS
Available overseas

Application
Security

WAF
Oversea ETA Nov.

Crowdsourced Security Testing

Mobile Security
Available overseas

System
Network
Security

Anti-DDoS
Available overseas

Server Guard
Oversea ETA Dec.

Express Connect



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Part 3

Alibaba Cloud Security Products Grandly Launched Oversea





Anti-DDoS Pro now available in HK
Coming soon in US...



More than just high-volume DDoS attack mitigation...

High Performance

Precise Detection

Fast Response

False Positives

Gaming Empty
Connections

HTTP(S) Flood

Botnet Protection

Integrated WAF



More than just high-volume DDoS attack mitigation...

Large Protection Bandwidth

Largest Scrubbing Center in Eastern Hemisphere

Full Coverage

TCP/UDP/HTTP/HTTPS /DNS protection supported, one IP covers 20 origins.

Great Experience

Latency less than 30ms in Southeast Asia, meeting requirements of sensitive business like gaming.

Complex Scenarios

Combination with CDN/WAF. Support Chinese business outside China or global business inside China.



Mobile Security Products Officially Launched Oversea

Covering 0.8 billion mobile devices, with vulnerability scanner covering
Over 95% known vulnerabilities.



Web Application Firewall coming soon in Southeast Asia.

- Fast and stable: withstood the extremely massive requests during the “11.11” shopping festival.
- Integrated with the latest threat Intelligence from Alibaba Cloud Security.



Situation Awareness coming soon in Singapore.

- The ONLY security product able to trace the hacker's identity.
- The ONLY security product able to automatically analyze the paths of intrusions.
- The ONLY security product able to automatically analyze behaviors following intrusions.



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THANKS

