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2019 6

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ADLab

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2019 6 28

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1. AWS

1.1 AWS Glue VPC

6 4 AWS Glue VPC

Virtual Private Cloud (VPC)

AWS Glue VPC VPC AWS Glue

AWS AWS GovCloud AWS GovCloud

AWS Glue

1.2 Amazon EC2

6 5 Amazon EC2

Amazon EC2

AWS License

Manager

EC2

1.3 Amazon EBS

6 6 Amazon EBS AWS

AWS Amazon EBS

EBS AWS Key Management Service

(KMS) I/O

EC2 EC2

EBS

AWS API CLI EBS

Amazon EBS AWS EC2

1.4 AWS Organizations AWS

6 6 AWS Organizations AWS
AWS

AWS

AWS

AWS Organizations AWS

AWS Organizations

AWS

1.5 AWS ParallelCluster Elastic Fabric Adapter (EFA)

6 11 AWS ParallelCluster (HPC)
Elastic Fabric Adapter (EFA) AWS ParallelCluster EFA
Open MPI Libfabric
EFA (MPI) (HPC)
EFA HPC EFA
HPC TCP

2. VMWare

2.1 Faction VMware Cloud 1400

6 14 (AWS) VMware
Faction 1400
River Cities Capital Funds Sweetwater Capital Meritage Funds Charterhouse
Strategic Partners Orix Growth Capital Crunchbase 3 1800
B 4900
Faction
Faction
(HDRaaS) AWS VMware Cloud ; Cloud Control
Volumes AWS VMware Cloud ; Bloc
VMware

3. GOOGLE

3.1

YouTube

6 10 The Verge YouTube Snapchat
Gmail Nest Discord

3 25

4. Azure

4.1 **Azure**

6 3 AppRiver

Azure

Azure

5 10 Azure App Services 200

; 5 28

Office 365

MalwareHunterTeam JayTHL

Azure

4.2 **Azure SQL Database Managed Instance**

Azure

6 12 SQL Server 2008 7 8

SQL Server 2019 7

Azure SQL

Database Managed Instance(SQL Database)

Microsoft Azure

Azure SQL Database Managed Instance PaaS

SQL Server

SQL Server

Azure 100%

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LoRa

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Alibaba Cloud

LinkWAN

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LoRa2.0

LoRa

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2015 10

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MTonline

2017 6

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Forrester

The Forrester Wave™ Database-As-A-Service Q2 2019

TencentDB

Forrester

" "

Forrester

Forrester

27

12

Forrester Wave™

Forrester

9

Forrester

DBaaS

Microsoft SQL Server MongoDB MySQL PostgreSQL

Redis

Tcaplus

DBaaS

Forrester

7.

7.1 +AI+5G

6 5

AI IoT 5G

5G AI

90%

ARM

ARM

ARM

ARM

" " " +AI+5G"
10 910 310 AI
AI 12 " " 7nm
— — 920 Kunpeng 920
5G
+AI
2019Q1 AI
API API 59 159
AI
7.2
6 11 BSI CSA
ISO 27001&27017&27018&CSA STAR
4
CSA STAR

IT / ISO 27017

ISO 27018

2. Easystack

2.1 EasyStack

" + "

ECS Stack

IT

ECS Stack

3

ECS Stack

HA

ECS Stack

ECS Stack

360°

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2.2 EasyStack

" + "

IaaS PaaS



OpenStack Cinder
(HP HDS) OpenStack

2.4 EasyStack

OpenStack

EasyStack OpenStack
OpenStack
EasyStack OpenStack

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2

OpenStack Domain Project Project

3

OpenStack Ironic

SDN

4

Zabbix

3. 99CLOUD

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5G+AI+IoT

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ADLab

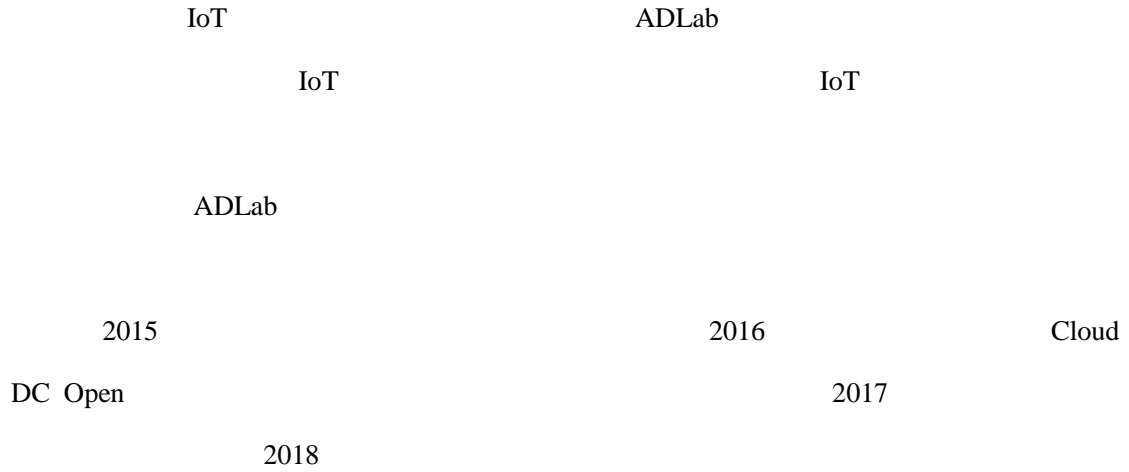
PSIRT

ADLab

IoT "

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IoT

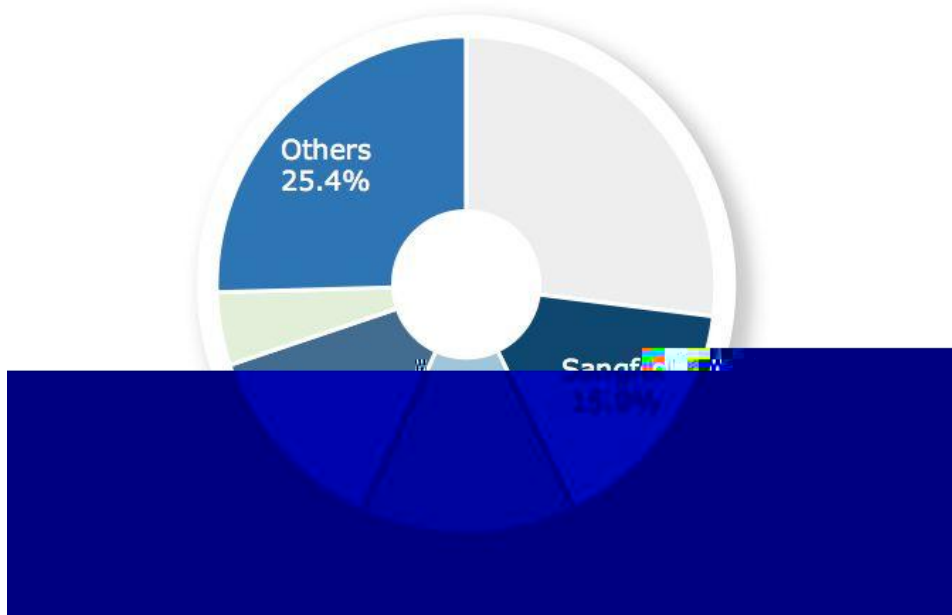


2.

2.1

IDC	2018	VCC	PRC VCC
Software Tracker, 2018 H2		2018	
		15.9%	53.3%

2018下半年中国VCC (虚拟客户端) 市场占有率



75 +

6000+

IT

HEDC

1,000

PC

" - - "

IT

IT

500+

vGPU

3.

3.1

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117

5

" " 6

- 5G -AISWare AI²
- 5G -AISWare 5G Billing
- 5G PaaS AISWare AIF
- 5G -AISWare Network Intelligence
- 5G -AISWare 5G BigData
- AISWare AntDB

5.

5.1

IPv6

IPv6

IPv6

IPv6

IPv6

IPv6

AiLPHA

AiLPHA

AiLPHA " 2019

" Cyber Defense Magazine " 2019 SIEM

" " 2018 "

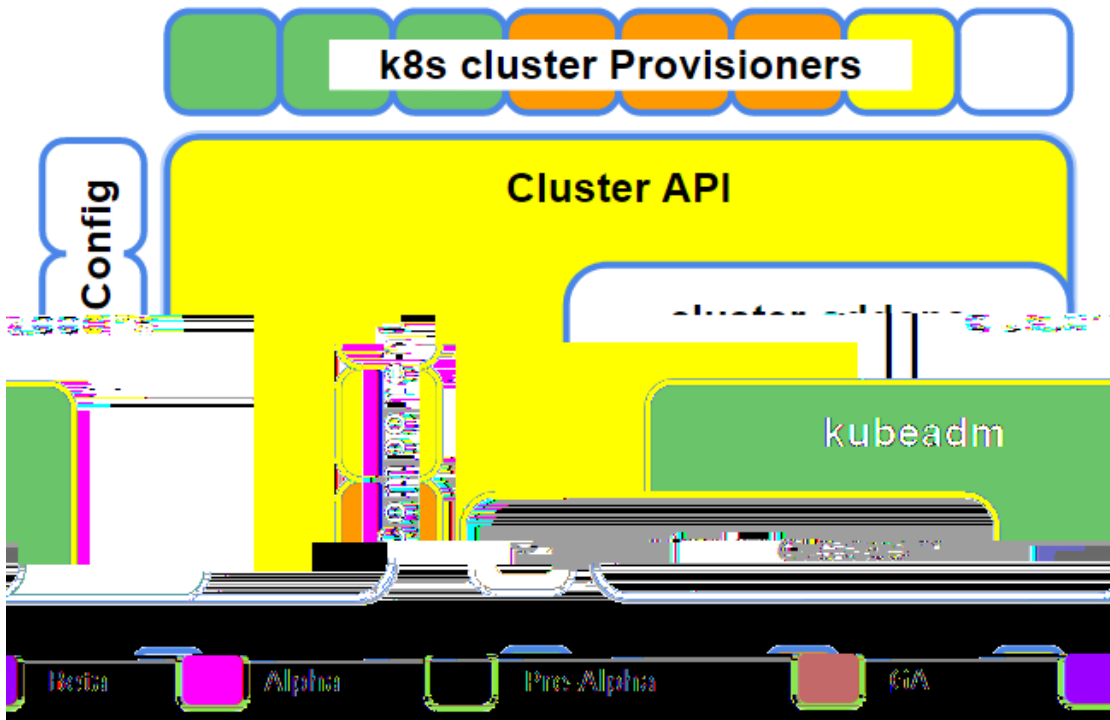
7.

8.

1. Kubernetes 1.15

2019 6 20 Kubernetes 1.15 25 2
 13 beta 10 alpha
 --- SIG

CRD Custom Resource Definition API Machinery
 SIG API Machinery



Kubernetes Storage Node API-Machinery

Network Scheduling SIG SIG

2. Docker Windows Subsystem for Linux 2

Windows Subsystem for Linux 2 (WSL2)

2. iOS 13 macOS 10.15 SHA-1

2017 SHA-1 TLS
Mozilla SHA-2 SHA-3
WWDC 2019
iOS 13 macOS 10.15 Catalina SHA-1
RSA TLS CA 2048
TLS < 2048 RSA
TLS CA SHA-2 TLS SHA-1
TLS ' ' Subject Alternative Name
DNS CommonName DNS

3.

Web Clipper Chrome
Guardio " 460
" (UXSS) CVE-2019-12592
Web Clipper " Chrome
" " payload " cookies
"

2.

2.1 Liongard 450 A

6 3 Liongard TDF Ventures 3 450 A
Liongard MSP Roar Roar
Roar

2.2 Orca Security 650

6 12 Orca Security YL Ventures 650 Orca Security

2.3 Expel 4000 C

6 18 Expel Battery Ventures 5 4000 C
Expel