

+

2019 6

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1.	AWS	.....	4
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2.	VMWare	.....	5
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3.	GOOGLE	.....	6
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2. .... 30



2019

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ADLab

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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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5.1

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**LoRa**

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Alibaba Cloud

LinkWAN

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LoRa2.0

LoRa

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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

	2019	05			
	" "		" +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
	Gold				
	ISO 27001				
		IT /		ISO 27017	
	ISO/IEC 27017	ISO/IEC 27002			
					ISO 27017
ISO 27018				ISO 27001	ISO 27018
			ISO 27018		



## 2. Easystack

### 2.1 EasyStack

" + "

ECS Stack

IT

ECS Stack

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ECS Stack

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ECS Stack

ECS Stack

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### 2.2 EasyStack

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IaaS PaaS

OpenStack

IT

IT

EasyStack

EasyStack ECS

ECS

2018 6

### 2.3 EasyStack

### OpenStack

EasyStack

OpenStack

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OpenStack

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5G+AI+IoT

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**ADLab**

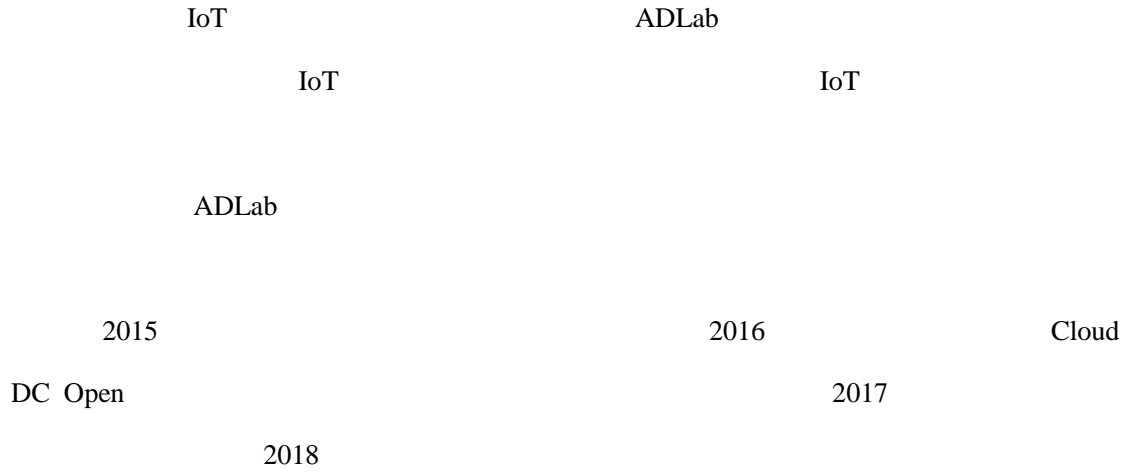
PSIRT

ADLab

IoT "

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IoT

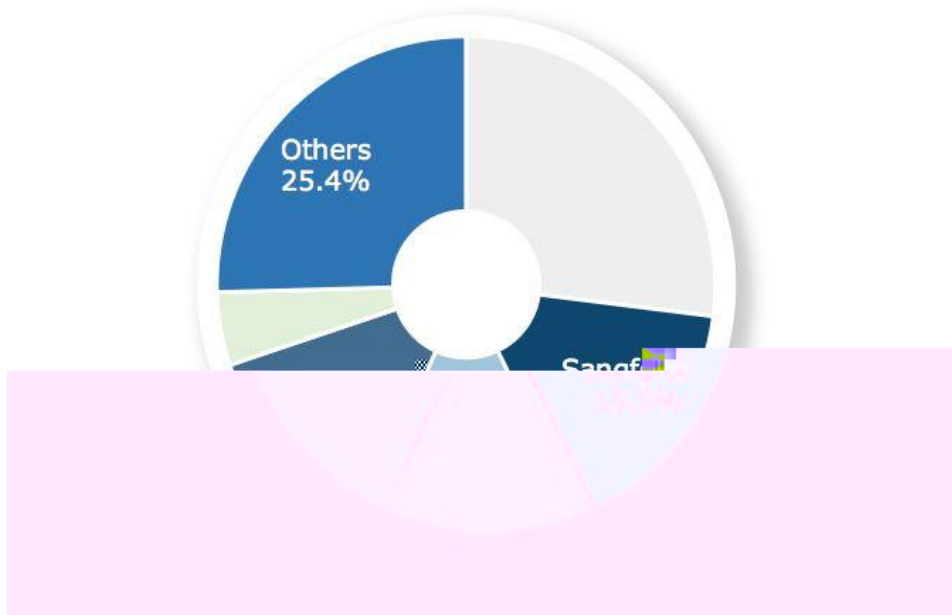


## 2.

### 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.

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4.1 **5G**

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2016 5G

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- 5G -AISWare AI<sup>2</sup>
- 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

2018

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6.1 **AiLPHA 2019**

2019

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AiLPHA " 2019

" Cyber Defense Magazine " 2019 SIEM

" " 2018 "

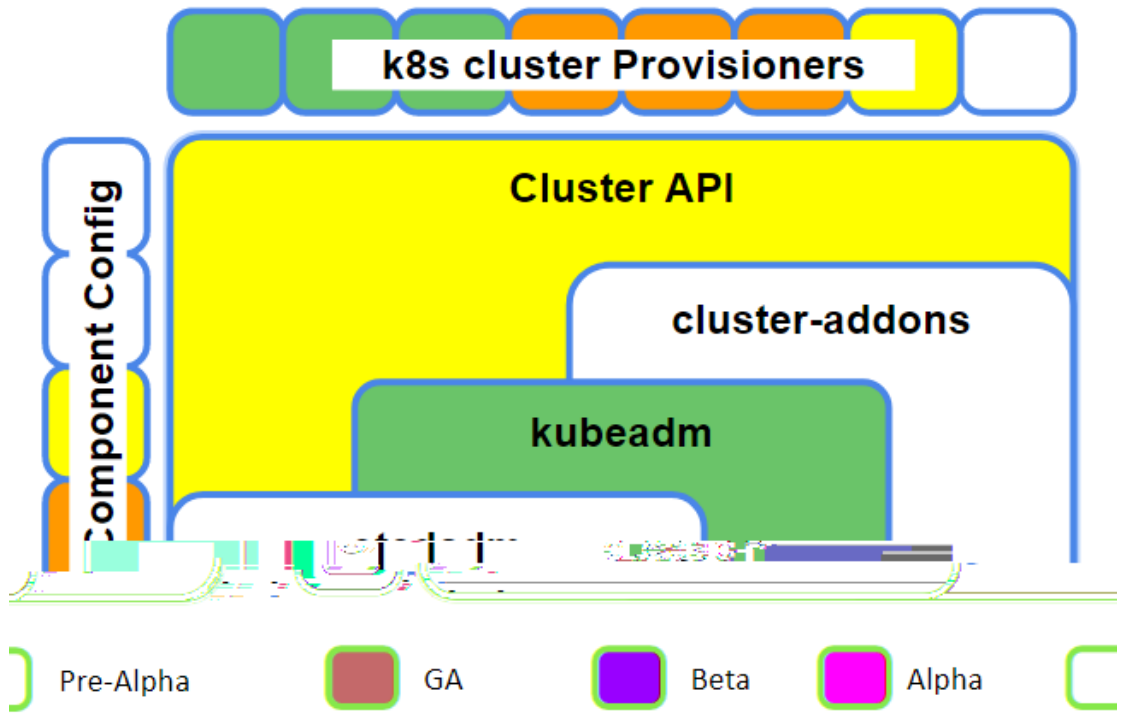
7.

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