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2018 OpenInfra Days China يج غ

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ٽ ٿ “ ٪ ”

٪ ٦ SaaS ٿ ٧ شج

BitUN ٪ يج Fortinet ٓ Bradford

Networks غ .

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كج Helm Kubernetes ٿ Visual

Studio Kubernetes Docker Hub ٿ U 500

Kubernetes 1.11 ٿ شخ CoreDNS

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Google Chrome

NX-OS OpenBSD Intel CPU

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ˇ ي ConterTack ي GoSecure

ي Zimperium ي

Mi3 Security ˇ F-Secure

غ ي MWR InfoSecurity

ˇ ي CrowdStrike 2

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ي Agari 4000 E O

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1. AWS

1.1 Amazon Elastic Container Service for Kubernetes ٿ

6 5 Amazon Elastic Container Service for Kubernetes (Amazon EKS) ٿ

ضي AWS E« ©Eñ1 pö Kubernetes غ Kubernetes

Amazon EKS ٽ Kubernetes ضي AWS غ ڪج

Amazon EKS AWS ٽ ۸ Kubernetes ۷

ٻ Kubernetes غج ٽ ٻ غ Kubernetes ۸

غ ضي Kubernetes ٽ

IPv4 خي ضر /16 غ /32 CIDR

ˇ AWS WAF IP ٮ IPv4

/8 /16 /24 غ /32 ضي ˆ AWS WAF ٮ CIDR

10.21.3.44/31 10.21.3.40/29 10.21.3.45/17 ˆ IP ضر ˇ IP

10000 CIDR AWS WAF

IPv6 CIDR ٮ /128 /64 /56 /48 /32 غ /24

1.3 Amazon ECS CLI Docker Compose 3

6 7 Amazon Elastic Container Service ث (Amazon ECS CLI)

Docker Compose 3 Docker كح Amazon ECS

Docker Compose غ كح Amazon ECS CLI

Amazon ECS ث ˆ ضي ضر ǖ .

Amazon ECS غ غ ضي Amazon ECS

CLI Docker Compose v3 Docker Compose

Docker Compose v2 ˆضي Docker Compose v1

v2 v3 Amazon ECS CLI كح

1.4 Amazon API Gateway API

6 14 ˆ ضي ضي Amazon API Gateway API ٮ VPC

Amazon Virtual Private Cloud (VPC) API

API ˆ API ˆضي Internet Amazon VPC

مخ API ˆ REST API ضر VPC

AWS Direct Connect ˆ

Amazon VPC غ VPC ǐ ᴥ

1.5 Amazon ElastiCache for Redis Redis 4.0

6 14 Amazon ElastiCache for Redis Redis 4.0.10 ˆ Redis 4.0

غ غ

- LRU

Redis 4.0 ضي LFU

LFU ضي

ث

ضي MEMORY - Redis 4.0 ث

ث ˜ ضر Redis MEMORY DOCTOR ث

أ ث MEMORY USAGE

ث MEMORY MALLOC-STATS MEMORY

PURGE غ MEMORY STATS

ضي ˜ - Redis 4.0

˜

ث FLUSHALL غ DEL FLUSHDB – Redis 4.0 غ

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ذ غ

ضي ElastiCache for Redis Redis 4.0.10

ضي غ

1.6 Amazon RDS for Oracle . CPU

6 18 Amazon Relational Database Service (RDS) for Oracle O .

ضي ˜ Oracle ˜ ü ضر CPU

Ø ˜ Intel

RDS Oracle . CPU Amazon EC2 .

CPU X1 غ X1e ˜

Oracle غ I/O أ CPU غج

˜ ضي vCPU ذ X1e.8xlarge قمم 32

vCPU ˜ 4 8 12 16 20 24 28 32 vCPU

Ø CPU .

˜ (BYOL) vCPU ˜

RDS Oracle قمم Ø Intel HT أ

ا قمم غج

CPU Intel HT ˜ . BYOL

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ضر غ YouTube ᄀ

Fábio Coelho ضي ĭ

ˇ ضي ضي 3300 ˇ

Google.org ʰ Instituto Rede Mulher Empreendedora

ضر 81 ضي 13.5 ᴏ

Google tools ˇ

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4. Azure

4.1 يج Azure Stack . ᴓ

6 6 يج Azure Stack . Lenovo ThinkAgile SX for Microsoft Azure Stack ĭ . فج

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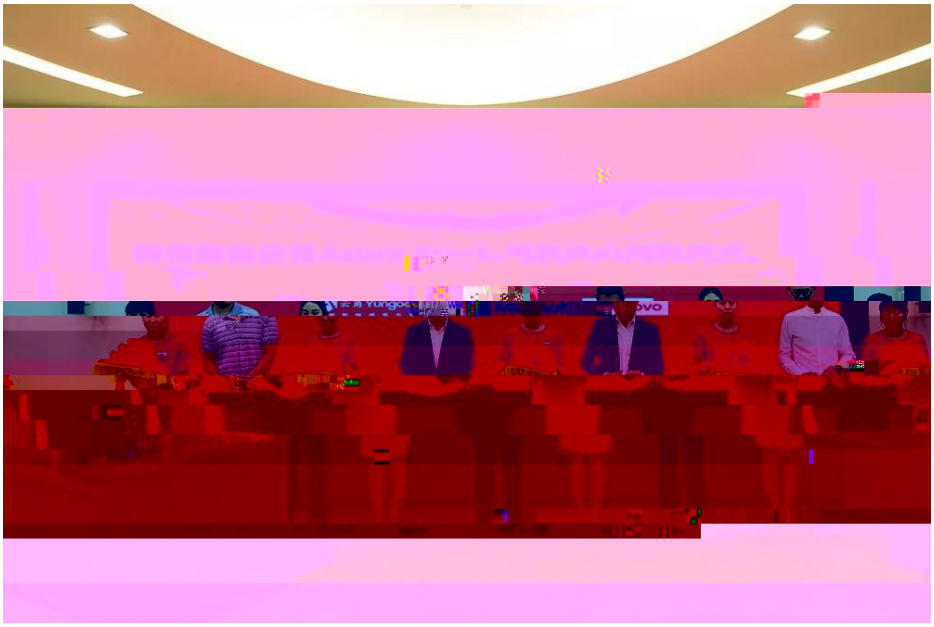

ضي . قمم ضي شي ˝ Gartner 2020

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CPU PCIe

4.3 AI Bonsai Azure

Bonsai Bonsai

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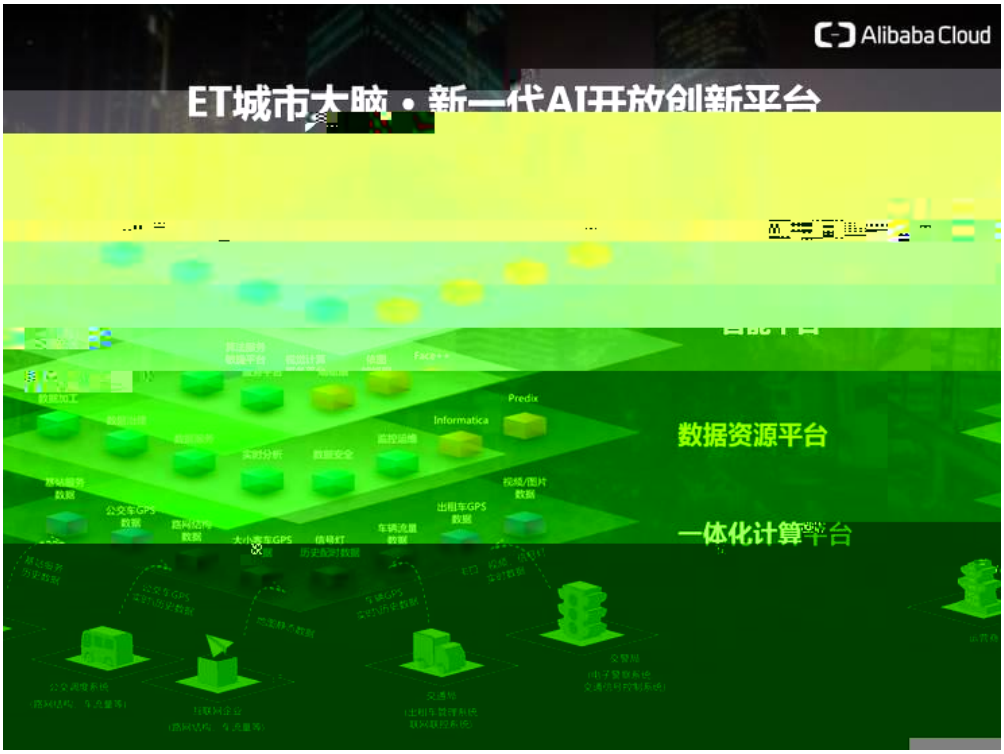

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5.6 IPv6

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1. Openstack

1.1 Openstack

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Aneka ᴉ

1.2 OS OpenInfra Days China

6 21 InCloud OpenStack كح InCloud K8S . ᴉ InCloud

Sphere

OpenStack OS ضي

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5.1 360

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6.1 SaaS ﺑﻲ ﺑﻲ

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UI

6.2

غ ڍ غ ۾ شي

شج ٧ BitUN

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شج ٧ ضي شج ٧ شج ٧

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شج ٧ BitUN فج

۾ ٧ BitUN OWASP Top 10

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BitUN ٿ ضي

ٽ BitUN

7.

8. Fortinet

8.1 Fortinet ۾ Bradford Networks

Fotint Bradford Networks . غ

ٽ ٽ Fortinet Security

Fabric IoT

9. Checkpoint

ضم كح ٱ

1. Helm Kubernetes

Helm ٿ ٓ كج . helm

k8s ضي ضي

k8s غ helm CNCF CNCF ʒ ᴚ

2. ٿ Visual Studio Kubernetes

Visual Studio Kubernetes ٓ ضي

Kubernetes كح .NET Kubernetes

Kubernetes ضي ٿ ٿ

Kubernetes Visual Studio فج ٿ ضي Kubernetes

كح Visual Studio Kubernetes

ٓ ضي Kubernetes كح

.NET ٓ Kubernetes Visual Studio

Dockerfile Helm chart ٿ Azure Dev Space ٓ

Azure Kubernetes

3. Docker Hub ٿ U 500

6 14 ᴧ ᴅ Fortinet Kromtech ٿ 17 ٱ Docker كح

كح ٓ ضي ᴄ ٓ ضي

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Web كح

ٿ ٓ Docker Hub

4. Kubernetes 1.11 ᴗᴗ شخ CoreDNS

Kubernetes ضي Kubernetes ˆ

ضي ᴗᴗ ˇ ضي فج ᴗᴗ

beta SIG-API Machinery SIG-Node

ضي ضي

ضر —— ˜ —— Kubernetes

ᴛᴛ IPVS

شخ ᴛᴛ CoreDNS DNS —— ء ˆ

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5. cookie

ضي WWDC 2018 iOS غ macOS ᴄ

ضي Facebook ᴛᴛ GDPR ᴜ “ ”

cookie cookie ˆ macOS ˆ Mojave غ iOS 12

WWDC Google IO

Android Google Photos ˇ ᴛᴛ

Bixby Siri Shortcuts

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6. Google Chrome

Google ᴗᴗ ضي Chrome ᴗ “ ”

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1.1 **Fortinet Bradford Networks**

6 4 Fortinet Bradford Networks Fortinet

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1.2 **ConterTack GoSecure**

6 6 ConterTack GoSecure ConterTack

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ᴗ̈ GoSecure ضي

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1.3 **Zimperium Mi3 Security**

6 13 Zimperium Mi3 Security Zimperium

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APP ج Android Network Toolkit Mi3 Security

1.4 **F-Secure MWR InfoSecurity**

6 18 F-Secure MWR InfoSecurity 8000

1988 F-Secure ˇ ˇ غ MWR

InfoSecurity غ

2.

2.1 **OneLogin 2250 C**

6 5 OneLogin 2250 C OneLogin ضي

ضر غ ᴛ̈ ا غ OneLogin ˇ

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2.7 **Agari 4000 E**

6 21 Agari Alloy Ventures غ 6 4000 E Agari