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AWS **3**

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VMWare **6**

GOOGLE **7**

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Azure **9**

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Openstack **17**

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AWS Key
Management Service (KMS) AWS Storage Gateway
AWS Shield Advanced AWS IoT Device Defender
AWS Aurora Amazon ECS
Docker Amazon EKS GPU EC2
AWS Config AWS Key Management
Service API VMware 21.7
13
AI
AI AI
Azure
AWS
WeTest
“ ”
2.0
SUSE OpenStack Cloud TCS
EasyStack ,
RealSight APM

TOSCA

VMware

GPU

AI

CCE

Istio 1.0

IBM

-Nabla

Prometheus

CNCF “ ”

Kubernetes

CNCF

K8S

workload

k8s

8

43

Cortana

PhishPoin

Microsoft Office 365

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Cisco 23.5

Duo Security

Twistlock 3300

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RiskRecon 2500

B

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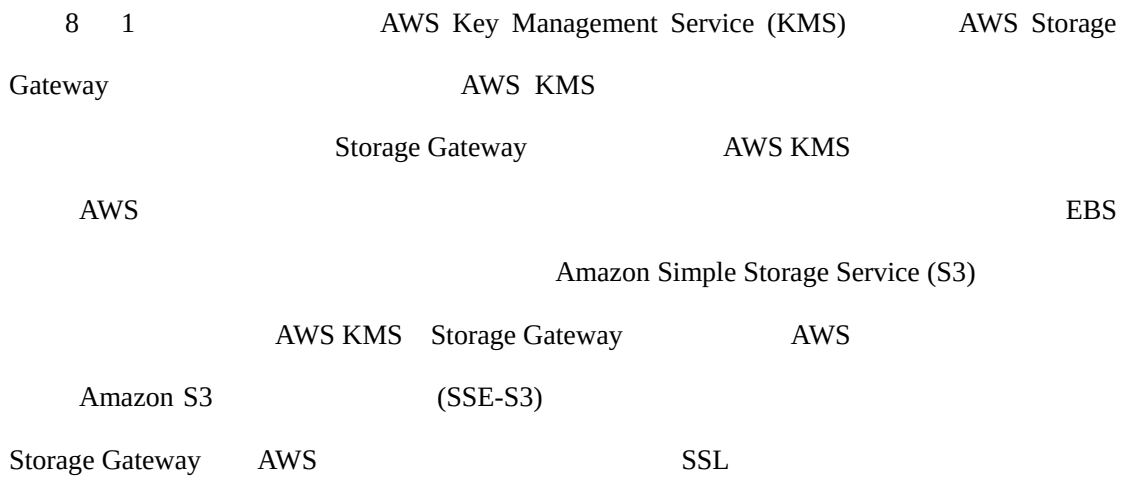
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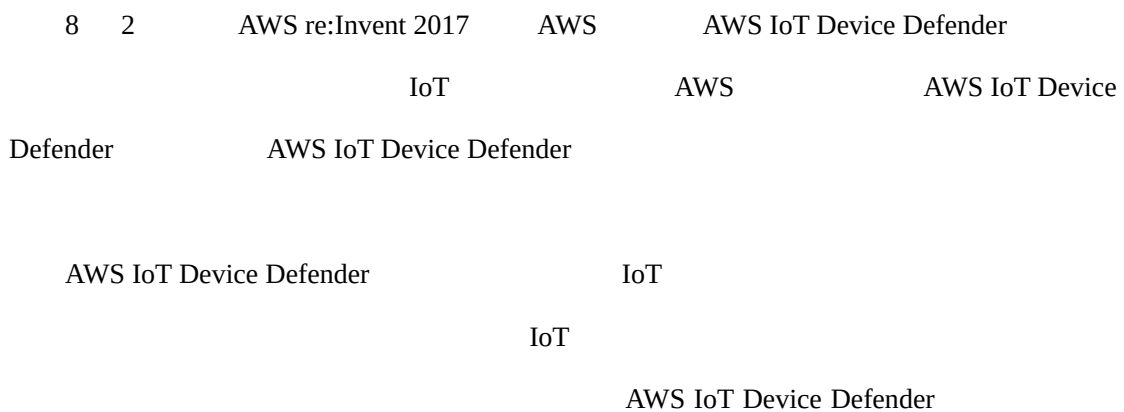
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AWS

1.1 AWS Storage Gateway

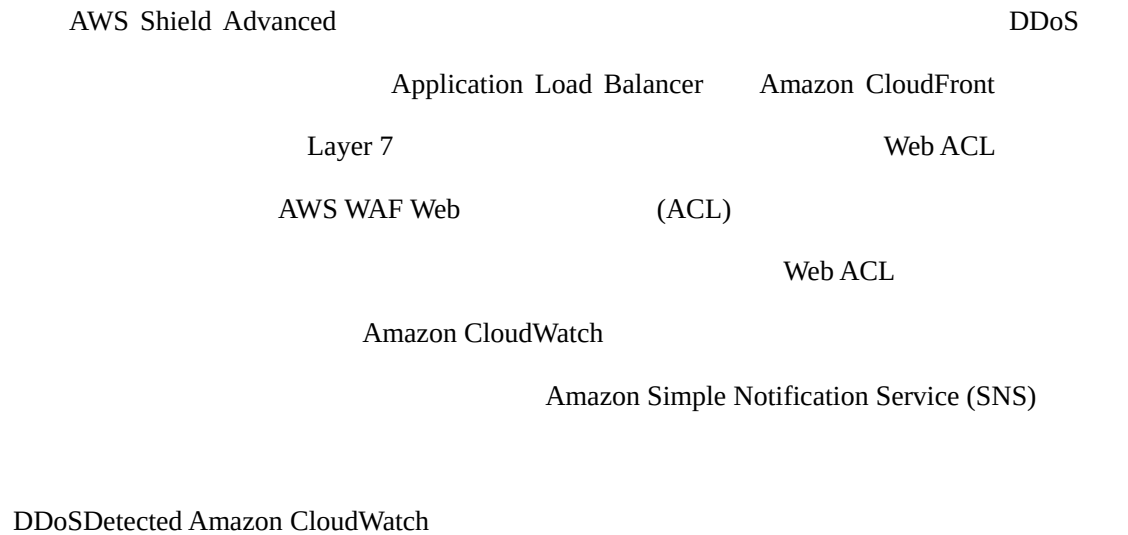


1.2 AWS IoT Device Defender

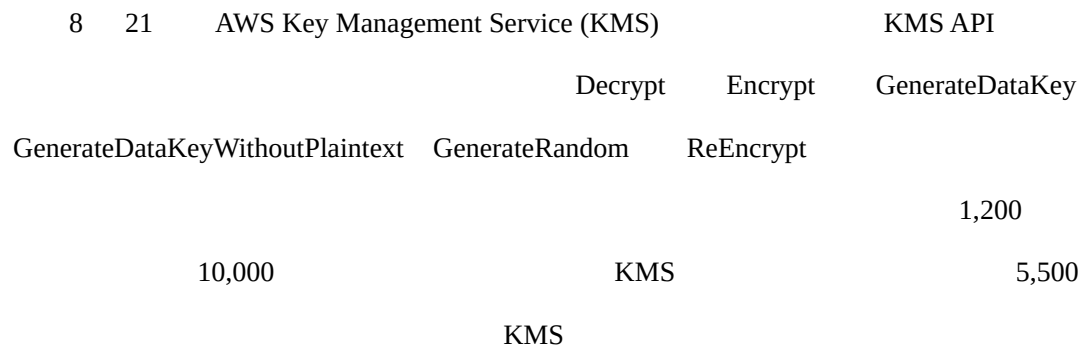


AWS

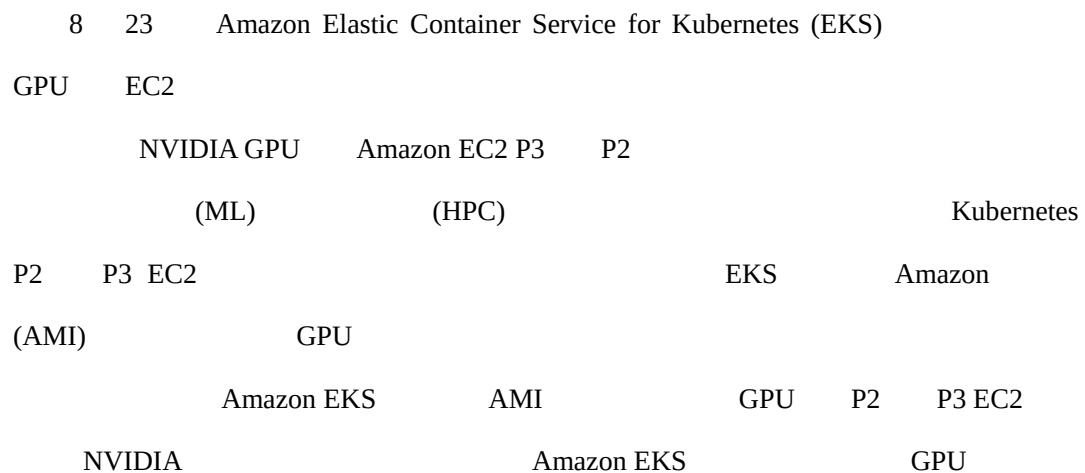
AWS



1.7 AWS Key Management Service API



1.8 Amazon EKS GPU EC2



2.1 VMware

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GOOGLE

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Drive

Docs

—G

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Diane Greene

Tencent Kubernetes

Gmail

Drive

Docs

Tensorflow

3.2

AI

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		Nvidia	P4		Nvidia GPU
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	P4	60	4	GPU	4
		5.5 teraflops			
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		GPU			
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	GPU				
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	Tensor Processing Units				
	180 teraflops				
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Azure

4.1 **Azure**

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DApps “ ” PoW

Azure PoA

Azure Parity Azure Monitor

DApp

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Parity ETH

Solidity C

C ++ Rust DApp DApp

DApp

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Azure Azure 2010 Microsoft

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Microsoft Azure 45

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15% ”

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2020

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70%

20%

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IoT

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20%

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20%

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300

11%

AliOS

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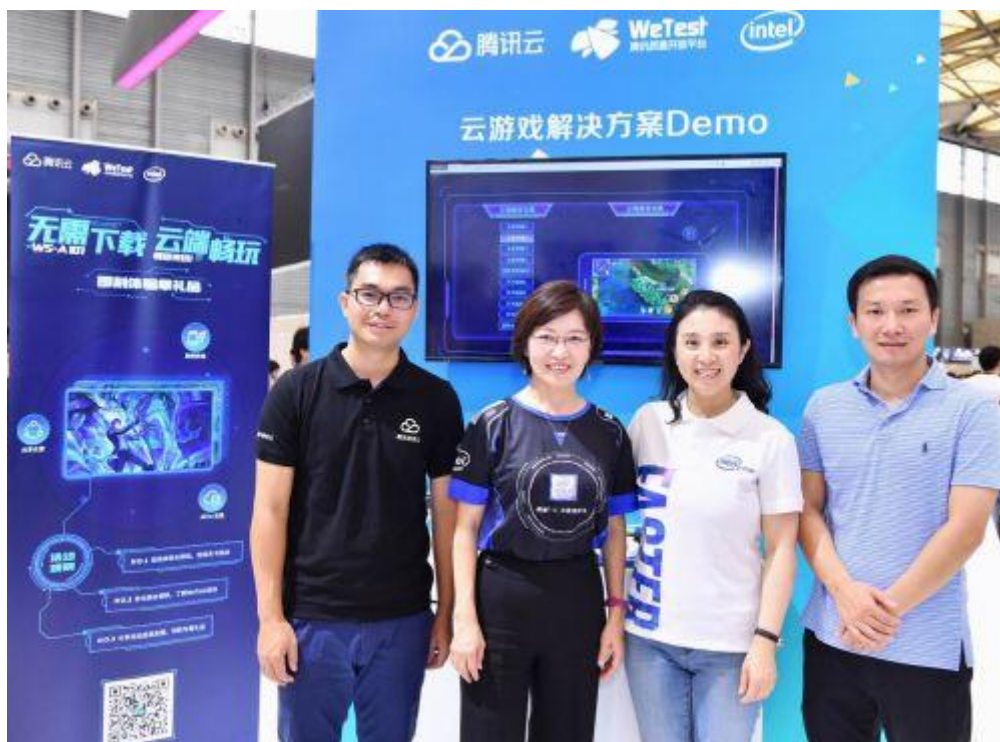
✈

6.1 WeTest

8 5 ChinaJoy

ChinaJoy WeTest

Demo



6.2

8 6 “ ”

13.6 1100 “ ”

✎

6.3

“ ”

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7.1

2.0

8 21 “ ”

2.0 Huawei Cloud

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WLAN

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WLAN

60%

30

APP

MSP

MSP

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ICT

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Openstack

1.1 SUSE OpenStack Cloud TCS

8 22 SUSE IT

TataConsultancyServices TCS SUSE OpenStack Cloud TCS

TCS SUSE

Cisco ACI KVM VMware

SUSE OpenStack Cloud EMC TCS SUSE

SUSEOpenStackCloud TCS

TCS TCS

IT

TCS Rajesh Srinivasan

“ SUSE OpenStack Cloud TCS

SUSE

SUSE Ronaldde Jong “ SUSE

IT

Easystack

2.1

EasyStack

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EasyStack

C++

C++

EasyStack

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“ ”

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CEO 王

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C++

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EasyStack

99CLOUD

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IT

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Nova Cinder Neutron

VPC

Heat

Flavor

Column Type

QoS

IaaS



1.

1.1

Applications

OASIS

IT

3.

3.1 OS IPV6

StoneOS 5.5R6

IPv6

X10800

ABG

VM04 VM01\VM02\VM04

3.2 VMware

- AI

VMware

VMware

NSX

API

4.

4.1 “ ”

(Deep Security)

H3C

H3Cloud Ready

(Deep Security)

H3C CAS

H3Cloud

4.2

2018

2018

APT

5.

6. 360

7.

7.1

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9. Fortinet

9.1 Fortinet NSS Labs SD-WAN

Fortinet FortiGate SD-WAN

SD-WAN

NSS Labs

“ ”

NGFW



10. Checkpoint

10.1 CheckPoint Check Point

2018

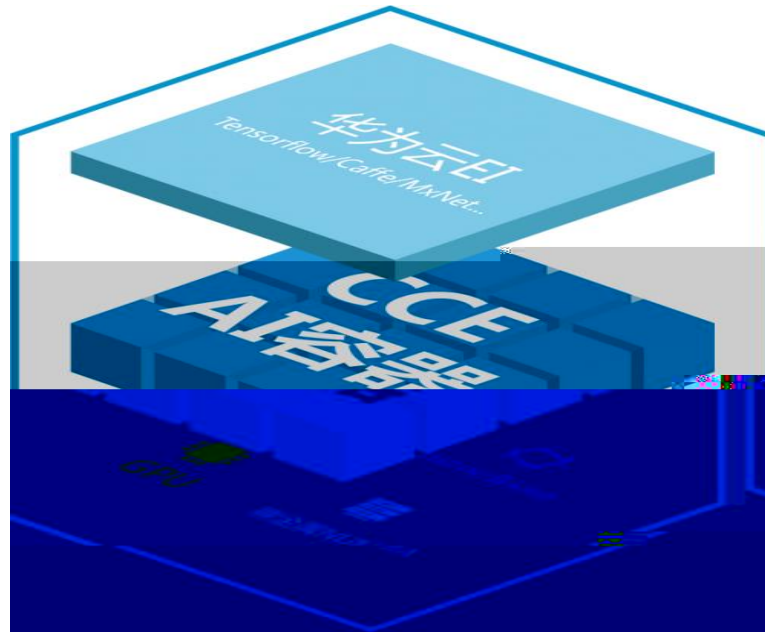
51% (FedEx)
(Intel) (Honda)

2018

—— Docker Kubernetes

1. GPU AI “ AI ”

8 28 , “ AI — 2018 ”
GPU AI , Windows ,
AI , “ AI ”
“ ” AI
AI GPU ,
GPU , AI 3-5
AI GPU , Nvidia Tesla P4/P100/V100
AI Tensorflow Caffe , EI
/ /
AI



AI CCE , :

<https://console.huaweicloud.com/cce2.0/#/app/resource/cluster/list?type=GPU>

HUAWEI CONNECT 2018 ICT ,

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2. Istio 1.0

7 31 24 Istio 1.0

Istio IBM Lyft
Istio

Lyft Envoy

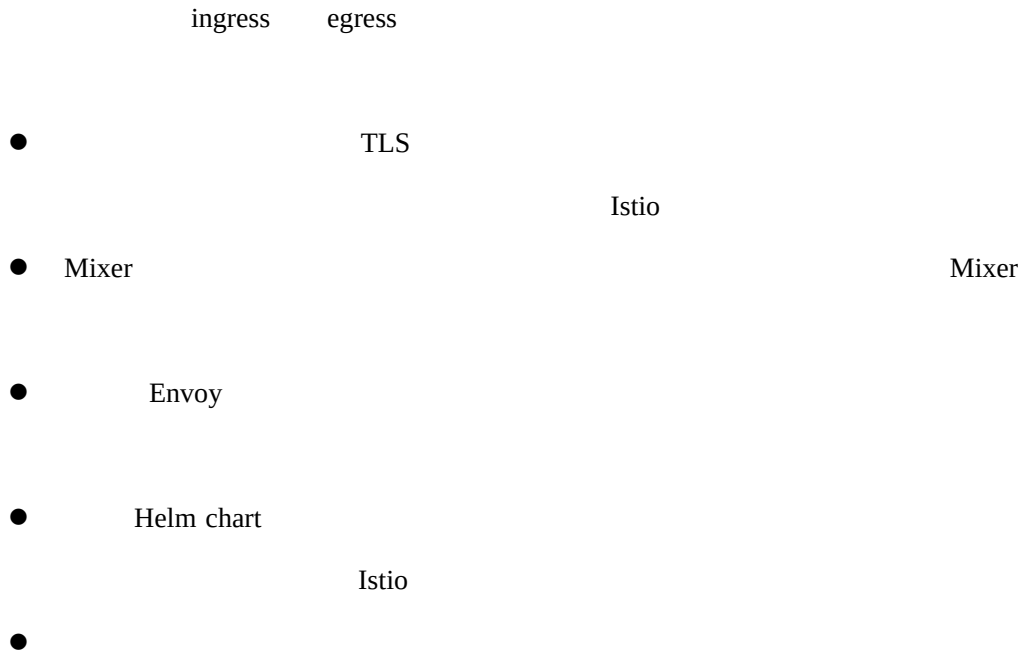
Istio

CTO/CIO

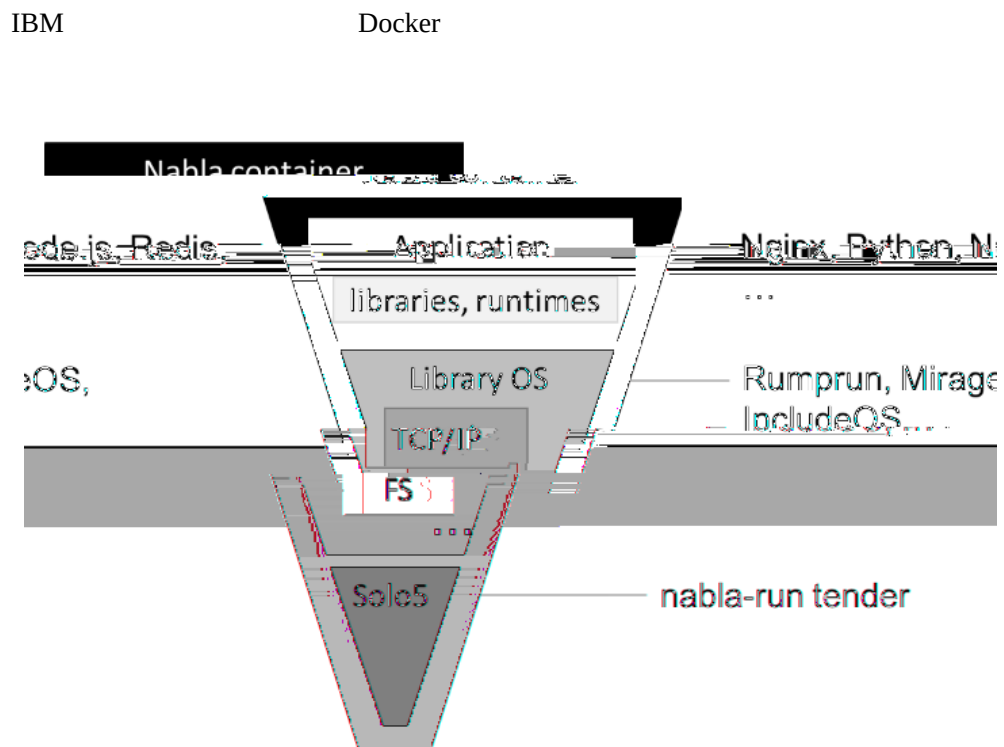
● Kubernetes

Beta

● API Beta



3. IBM -Nabla



James Bottomley

IBM

Linux

VM

Vertical Attack Profile (VAP) and

Horizontal Attack Profile (HAP)

VAP

HAP
 HAP=Linux *
 VM
 HAP

4. CNCF Prometheus CNCF “ ”

8 9 Kubernetes Prometheus Cloud Native Computing
 Foundation CNCF PromCon Prometheus Prometheus Kubernetes
 CNCF Prometheus

CNCF , , , ,

DockerHub Azure Container Registry Microsoft

Node PHP Java .NET Core

Linux Web Windows Linux Web ASE

VNet Windows Linux Web App Service

Plan Linux on ASE MSDN Dv2

SKU Stock Keeping Unit

ASE 100 Windows Linux

ASE Web Web

Linux Docker

Web

SKU

6. K8S

Kubernetes Google Binary Authorization

workload Kubernetes Kubernetes

API

Google Grafeas Pod

Google

Kritis

Kritis Grafeas Google Kubernetes

API

7. Kubernetes CI/CD

8 29 CNCF Google Cloud

Kubernetes CNCF Google

900 Google Cloud Kubernetes

CI / CD

CNCF Kubernetes Kubernetes

Kubernetes Kubernetes Google
Cloud Kubernetes

1. 8 Android 43

Android 9.0 Pie Google Android
Security Patch for August 2018
2018-08-01 2018-08-05

43

2. “ ”

/ — “ ”

3. PhishPoin Microsoft Office 365

PhishPoint SharePoint 10% Office 365

⚡ ATP

Microsoft Office 365

Avanan “

10% Office 365 PhishPoint

SharePoint
Office 365
SharePoint
Office365
”

4. Cortana

Windows
Cortana
Cortana
Cortana
Edge
IE 11
McAfee
Cortana
Cortana
JavaScript
McAfee
Cortana
PC
Cortana
Cortana

5.

ret2spec: Speculative Execution Using Return
Stack Buffers
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“ ” CPU
90
ARM AMD

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1.1 Cisco Duo Security

8 2 Cisco Duo Security 23.5 Cisco
 ٧ Duo Security ٧
 iOS

2.

2.1 HYAS InfoSec 620 A

8 2 HYAS InfoSec 205 Capital 5 620 A
 HYAS InfoSec

2.2 RiskRecon 2500 B

8 7 RiskRecon Accel 5 2500 B
 RiskRecon

2.3 HYAS InfoSec 47.5

8 14 HYAS InfoSec Western Economic Diversification Canada 47.5
 HYAS InfoSec

2.4 AttackIQ 550 A

8 14 AttackIQ Index Ventures 3 550 A
 AttackIQ

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2.5	Twistlock	3300	A			
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