2018 5

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+ 4 .....

06 2JB 4 .....

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1.2 Amazon CloudWatch Amazon Kinesis Data Analytics 4
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1.8 Amazon Connect 7

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AWS Amazon EC2 EC2 Quick Start

Script Canvas Amazon CloudWatch AWS

Sumerian Amazon ECS

Amazon Connect VMware

CIO Twitter

Google Cloud

Cask Data 2018 Build

AI /

OneDrive

133.9 12 AI

AI Link 2.0

ET

CODING

2018 +

FAST

2018 OpenStack InCloud

OpenStack 5.5 EasyStack C+

IT

VMware Ready 360

2018

Fortinet

Fabric-Ready

Chekpoint 2018

ContainerD1.0 CIR plugin Kata

Container1.0

IOS 11.3.1 Keenlab

PoC Windows

CNNVD PHP PGP S/MIME

SynAck

400 Coinhive

Telegrab Telegram cookie

Mac

FBI

2 7

StackPath Server Density

KnowBe4

exploqii

IronNet Cybersecurity 7800 B

Namogoo Indeni 1500

B 1400

2018 5 30

+

AWS

1.1 Amazon EC2

5 2 Amazon EC2 Amazon EC2

Amazon EC2 (RI) Amazon EC2 Spot

Amazon EC2 API

EC2

EC2 EC2

Spot EC2

EC2

EC2

AWS

1.2 Amazon CloudWatch Amazon Kinesis Data Analytics

5 7 Amazon CloudWatch KPU Amazon

Kinesis Data Analytics Kinesis

(KPU) KPU 4 GB 1 vCPU

KPU

KPU

Kinesis Data Analytics SQL

Kinesis Data Analytics SQL

1.3 Lumberyard Beta 1.14 Script Canvas

5 11 AWS Lumberyard Beta 1.14 200

- (Script Canvas) Variable Manager ( ) Script Canvas
- (Script Canvas) Script Canvas Bookmarks ( )
- ( ) Wind Volume Sky Cloud Force Volume
- Visual Studio 2017

1.4 Amazon Sumerian

5 15 AWS Amazon Sumerian (AR) (VR) 3D 3D

Amazon Sumerian (IDE) API Sumerian Host Sumerian VR HTC Vive HTC Vive Pro Oculus Rift

Quick Start AWS CloudFormation

- Tableau Server Microsoft Windows Server CentOS Ubuntu Server Amazon EC2 m4.4xlarge Virtual Private Cloud (VPC)
- Tableau Server Microsoft Windows Server CentOS Ubuntu Server Amazon EC2 m4.4xlarge VPC VPC NAT AWS

1.6 Amazon EC2

5 17 Amazon Elastic Compute Cloud (EC2)

Intel® VT-x

Nitro AWS

EC2 AWS re:Invent 2017 AWS

i3.metal EC2 I3

EC2

1 Clear Linux Containers AWS

Amazon Elastic Block Store (EBS) Elastic Load Balancer (ELB) Amazon Virtual Private Cloud (VPC)

I3 2017 8 VMware AWS 18

VMware Cloud on AWS

VMware

AWS VMware EC2 vSphere Hypervisor

I3 I3

I/O

NVMe SSD I3.metal 2.3 GHz Intel Xeon

36 72 512 GiB 15.2 TB NVMe SSD

Elastic Network Adapter (ENA) 25 Gbps

1.7 Amazon ECS

5 22 Amazon Elastic Container Service (Amazon ECS)

Amazon ECS ECS

Amazon ECS

ECS awsvpc

awsvpc Amazon ECS

ECS

1.8 Amazon Connect

5 22 AWS Quick Start Segment

AWS Amazon Connect

- eGain Solve - IVR
- Teleopti Workforce Management (WFM) -
- WEBTEXT Contact Center Messaging - Facebook Messenger
- HERE Location Suite -
- VoiceFoundry

(CRM) (WFO) (UC)

AWS

VMWare

2.1 VMware

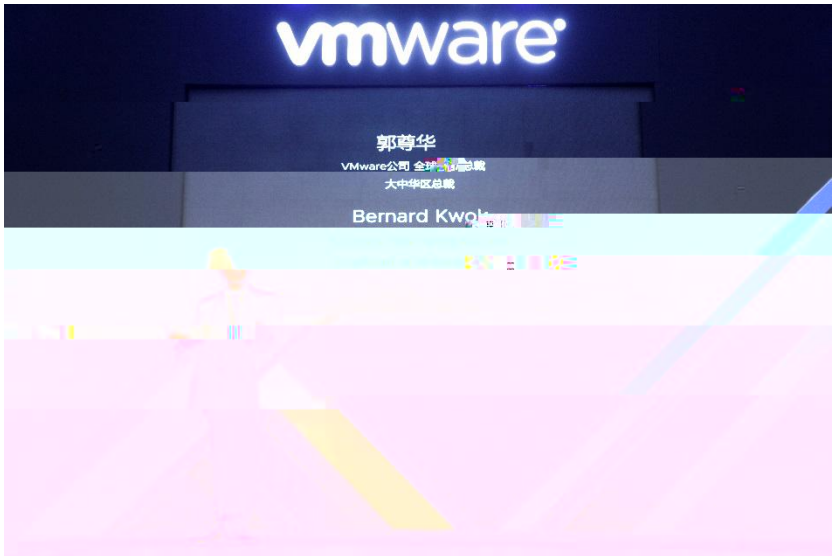
5 9 VMware

CIO CIO

CIO

VMware

VMware



VMware NSX

VMware NSX AWS

Azure IBM Cloud

· VMware NSX

4500 NSX

SD-WAN VMware NSX SD-WAN by VeloCloud

SD-WAN

NSX SD-WAN

NSX SD-WAN

NSXData Center NSX Cloud

NSX SD-WAN by

VeloCloud

NSX SD-WAN VMware

60 NSX SD-WAN NSX SD-WAN

2000 NSX SD-WAN

VMware NSX Cloud VMware

NSX Cloud

VPC

VMware NSX Hybrid Connect

VMware NSX Hybrid Connect

NSX Hybrid Connect

VMware

VMwareCloud Provider

VMware 360

VMware vRealize Network Insight

VMware vRealize Suite

GOOGLE

3.1 Twitter Google Cloud

5 7 Twitter Google Cloud

Google

Twitter Hadoop

Twitter Twitter

Hadoop Twitter Hadoop

Twitter Hadoop

300PB

Twitter

Twitter

Twitter CTO Parag Agrawal Twitter

Hadoop

Google Twitter

Google Cloud CTO Brian Stevens Twitter

Google Cloud

Google Cloud Twitter

3.2 **Cask Data**

5 17

AWS Azure

Palo Alto Cask Data Hadoop

Velostrata

IT

Azure

4.1 **Build 2018 AI**

5 8 5 7 2018 Build

Build

Azure IoT Edge Runtime Azure

Project Kinect for Azure

Alexa

Alexa

AI

Build 2018

4.2

5 16 /

4.3 **OneDrive**

5 25 Spiceworks 544

OneDrive

Office 365 1 TB OneDrive OneDrive

5.1 **133.9** **12**

3

IaaS 47.6% 5

2009

. 18

5.2 ET

5 8

ET

5.3

5 11

AI

1000

5.4 AI

5 23 · AI 5

+

30 10

5.5 Link 2.0 AI

5 23 · Link 2.0

AI

Link 2.0

Link 2.0 5

AI Top3

Amazon Echo Google Home

APP

2K iTLS

TLS 3 4

APP

APP

3 1 AI 5

5.6

5 26

6.1

5 11

80%

HPC

6.2 **CODING**

5 17 CODING B+

CODING

Cloud Studio

CODING 2014

CODING IDG

B+ CODING CODING

80

6.3

5 24 2018 +

AI

AI

95%

PSI

/

6.4 FAST

5 24 +

FAST

1

FAST

6.5

5 24 +

Mall

coco Park Nike

SKU

40%

AI

AI

5 23

7.1

5 9

CE12800 vxlan

ENP AC

7.2

5 25

2017 2017

2017 9 8 2017 12 11

1050

0

CDN

7.3

Openstack

1.1 OpenStack Summit 2018: InCloud OpenStack 5.5

5 21 2018 OpenStack InCloud OpenStack 5.5

InCloud OpenStack Region

1000 1400+

InCloud OpenStack 5.5

InCloud OpenStack 5.5 OpenStack

150KM

Easystack

2.1 EasyStack C+

2018 5 15 EasyStack

3 C+

C+ EasyStack EasyStack

VIE

EasyStack ECS Stack ECS Stack

EasyStack

100 300

20syStack

2007 2018

EasyStack CTO

1

IDC 2020 90%

IT

ECS Stack +

IT

ECS Stack EMS

2

APP

ECS Stack

3

ECS Stack App

ECS Stack

EasyStack ECS Stack ECS

ECS Stack

99CLOUD

3.1 **IT**

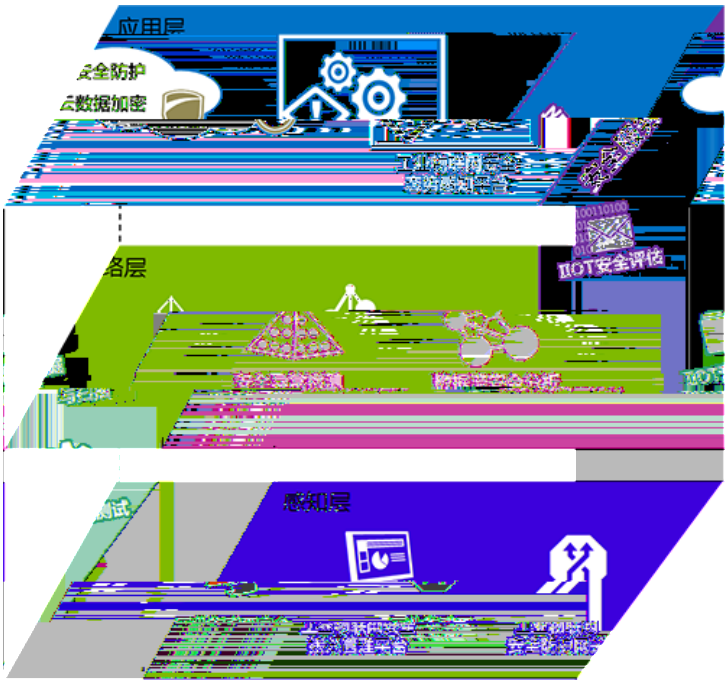
5 17 6 2-3 ITSS DCMG IT

ITSS OpenStack IT

IT

1.

1.1



1.2

5 4 SCCI

2017 2017

2017

2.

2.1 **VMware Ready**

VMware · V2.5 VMware

VMware NSX · VMware

VMware · VMware NSX

3.

4.

5. 360

5.1 360 2018

2015 36

360 360

2018 360

5.2 360

360

360

360

6.

6.1

6.2

5 15

6.3

7.

8. Fortinet

8.1 Fortinet Fabric-Ready

Fabric-Ready API

Fortinet Security Fabric

SDN ITSM SSO / IaaS Endpoint / CVE

AWS ACI Azure Nuage Networks VSP ServiceNow VMware NSX Fortinet Fabric Connector FortiOS 6.0

9. Checkpoint

9.1 CheckPoint 2018

4.52 4%

11.66 10%

GAAP 2.13 47%

GAAP 2.39 53%

GAAP EPS 1.16 7%

GAAP EPS 1.3 9%

4.19 18%

Check Point Infinity Check Point Infinity 2018 Network Computing Awards Check Point Infinity

Check Point Infinity Total Protection CheckPoint Infinity Total Protection

CloudGuard

CloudGuard (SaaS) IaaS

CloudGuard SaaS

ID-Guard Microsoft Office365 Google G-Suite Salesforce ServiceNow

Slack Box Dropbox Egnyte CloudGuard IaaS vSEC

CloudGuard CloudGuard IaaS

/ Amazon

WebServices Google Cloud Platform MicrosoftAzure Cisco ACI OpenStack VMware NSX

AWS Vmware VMware ESX KVM Hyper-V

Gen V Smart-1

Smart-1 8

100,000

IsraelPrize Check Point Gil Shwed

70

1. CRI plugin Containerd 1.1

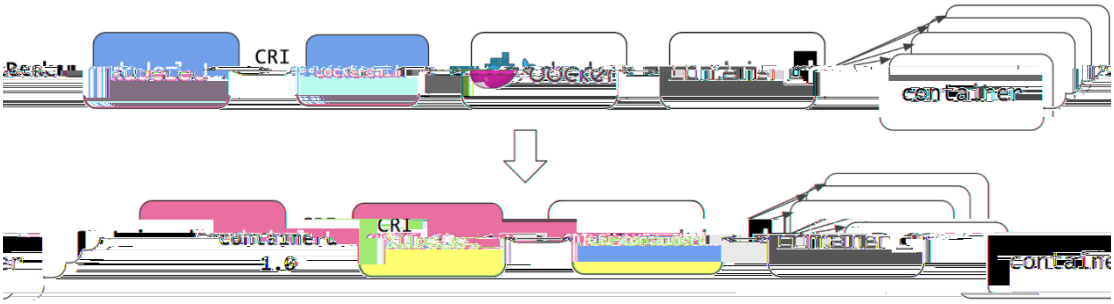
containerd 1.1 CRI plugin containerd

Containerd 1.1 Kubernetes 1.10 Kubernetes

Google Kubernetes containerd integration Docker integration

Kubernetes containerd

- **conatainerd1.0**



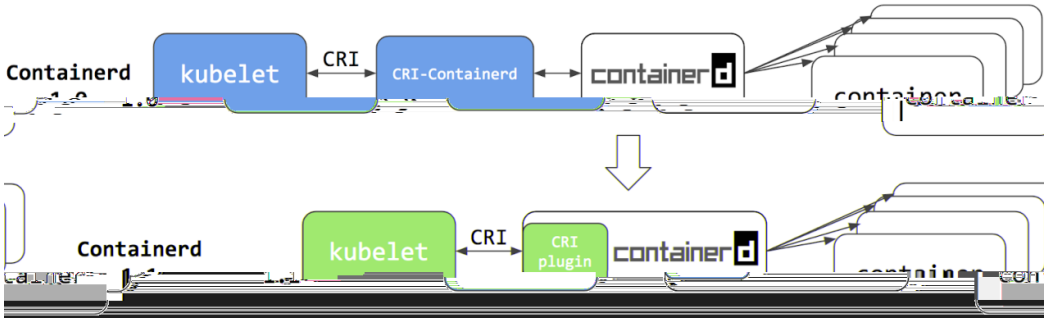
containerd 1.0 Kubelet containerd cri-containerd

Cri-containerd Kubelet CRI

containerd Docker CRI dockershim

cri-containerd containerd 1.0 grpc

- **Containerd 1.1 CRI Plugin**

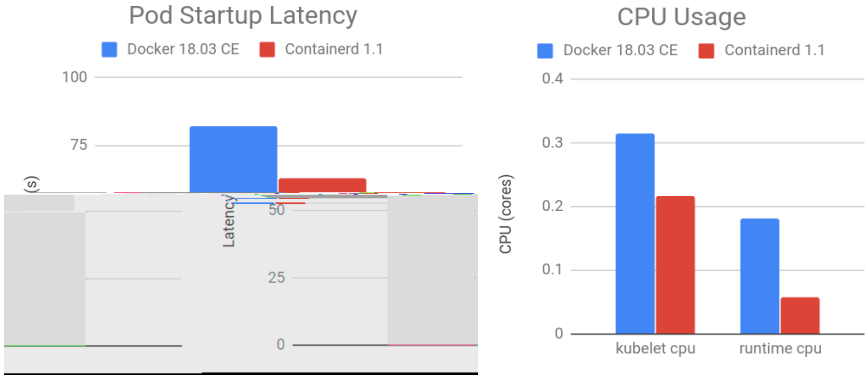


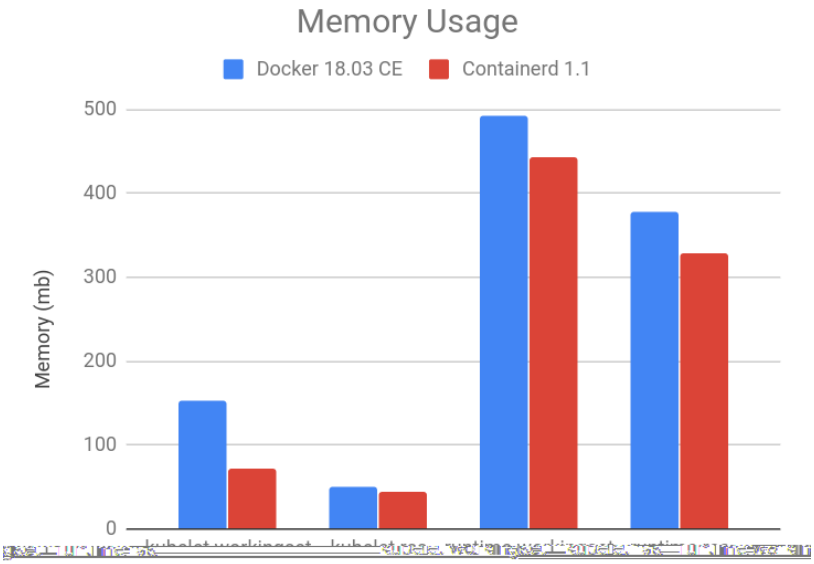
containerd 1.1 cri-containerd containerd CRI plugin CRI plugin

containerd 1.1 cri-containerd CRI plugin

containerd grpc hop

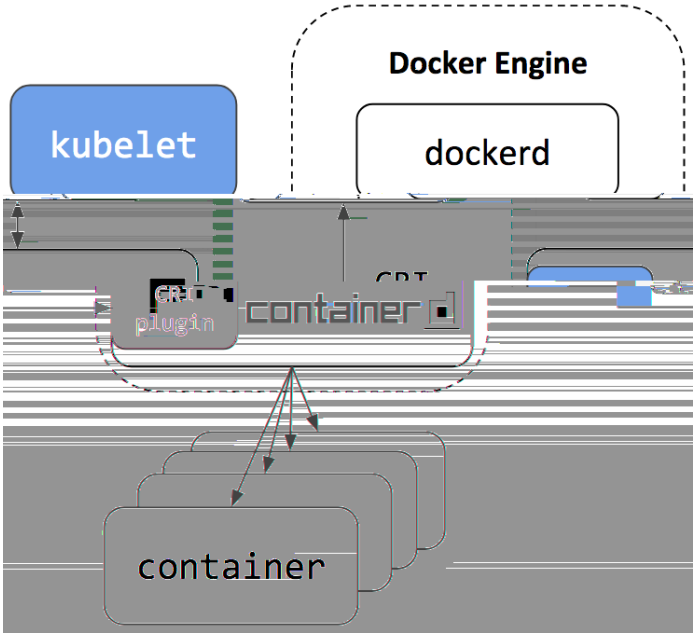
Kubernetes containerd 1.1 Cri-containerd





- **dockerd**

Docker Engine containerd Docker Docker CE containerd 1.1 CRI plugin Docker Docker Engine Docker Engine containerd Kubernetes containerd Docker Engine Kubelet



containerd Docker Engine Kubelet containerd Kubernetes

Docker Engine

Containerd namespace Kubelet Docker Engine

docker ps Kubernetes crictl ps

crictl ps Docker CLI crictl create crictl

runp nodes crictl on pod

docker images Kubernetes crictl images

Kubernetes docker pull docker load docker build

crictl pull ctr cri load

2. Kata Containers 1.0

Kata Containers intel Clear Containers Hyper.sh runV

,

Kata Containers container/pod kernel

container/pod

Kata Containers CaaS

1. iPhone X IOS 11.3.1 Keenlab

KeenLab iOS

11.3.1 iPhone X IOS 11.3.1

InfiltrateCon 2018 Keenlab

iOS 11.3.1 iPhone X cydia

11.3.1 KeenLab

2. Windows PoC

Bitdefender Marius Tivadar GitHub PoC

Windows PoC

NTFS NTFS

USB USB Windows

(BSOD) Tivadar

Windows Defender USB USB

3. CNNVD PHP

CNNVD PHP

CNNVD-201805-054 CVE-2018-10547

PHP 5.6.36 7.0.27

7.0.x 7.1.13 7.1.x 7.2.1 7.2.x PHP

4. Synack

SynAck

SynAck Process

Doppelgänging Black Hat 2017

Windows

SynAck

SynAck

5. 400 Coinhive

Bad Packets Report Troy Mursch Drupal

400

Mursch NLRB

D-Link UCLA

Mursch

JavaScript vuuwd.com Coinhive

Mursch 5

6. PGP S/MIME

9 OpenPGP S/MIME

EFAIL

Electronic Frontier Foundation EFF

Pretty Good Privacy S/MIME

EFAIL

MitM

OpenPGP S/MIME

EFAIL HTML URL

HTML

7. Telegrab Telegram cookie

Talos Telegrab telegram

Telegrab Telegrab 2018 4 4

telegram Telegrab 2018 4

10 Telegrab

cookie Telegram Steam telegram

8. FBI 50

2.4 Indeni 1400

5 22 Indeni RTP Ventures 2 1400 Indeni

2.5 Runsafe Security Inc 240

5 22 Runsafe Security Inc Alsop Louie Partners Center for Innovative Technology 240 Runsafe Security

2.6 Openpath Security Inc 700

5 22 Openpath Security Inc Openpath Security Inc 4 700 Openpath Security