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1.4			
1.5			
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6.2

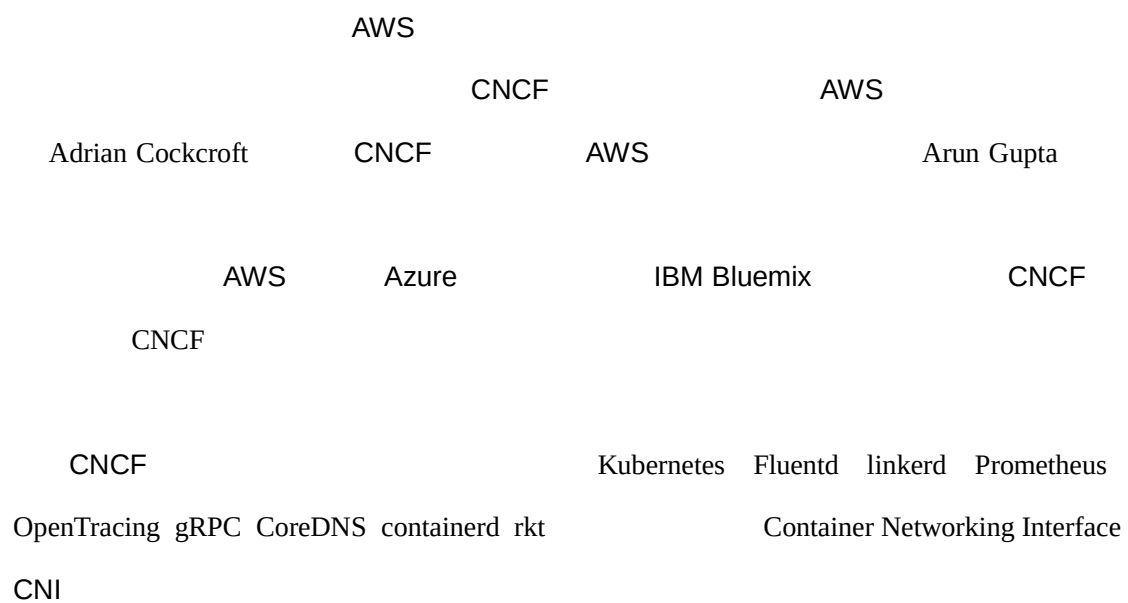
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1. AWS

1.1 AWS

CNCF



1.2 AWS

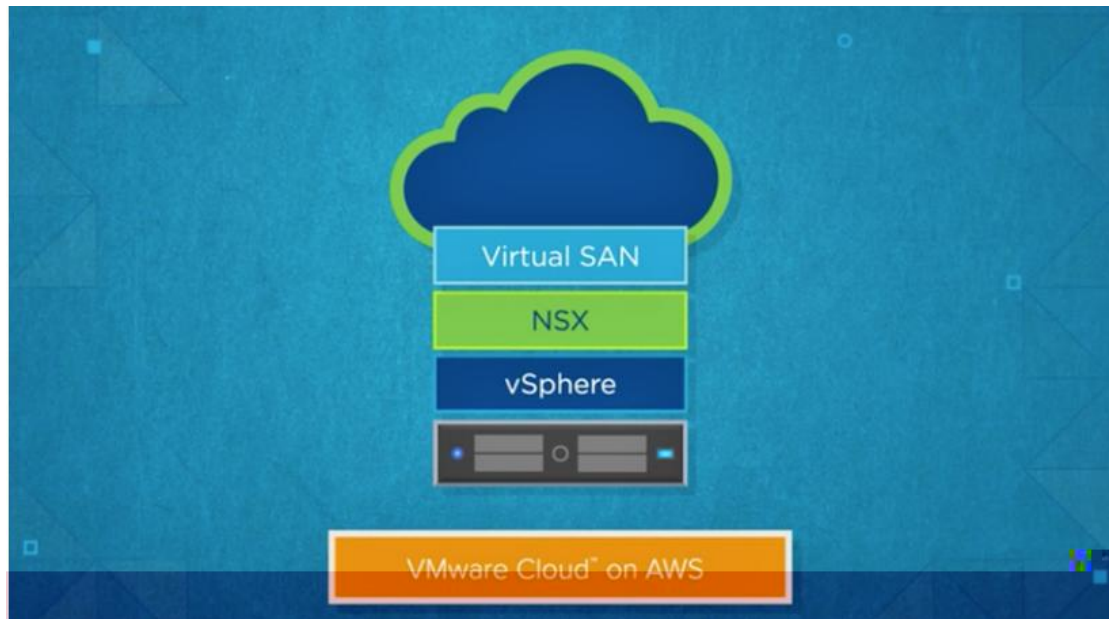


AWS

1.3 VMWARE AWS

VMware Cloud on AWS





AWS

2018

VMware Cloud on

AWS VMware Cloud Foundation

VMware

AWS

IoT

1.4 AWS Amazon Macie

AWS

Amazon Macie

Amazon S3

AWS

S3

Amazon

Macie

Macie

Amazon Macie

AWS

1.5 AWS

180

FBI

UpGuard

AWS

Election Systems

&Software

42

2. GOOGLE

2.1 Titan

Titan Titan Titan
Titan Titan Titan
Titan
Gartner
500

2.2

33

Cedexis

HTTP

50

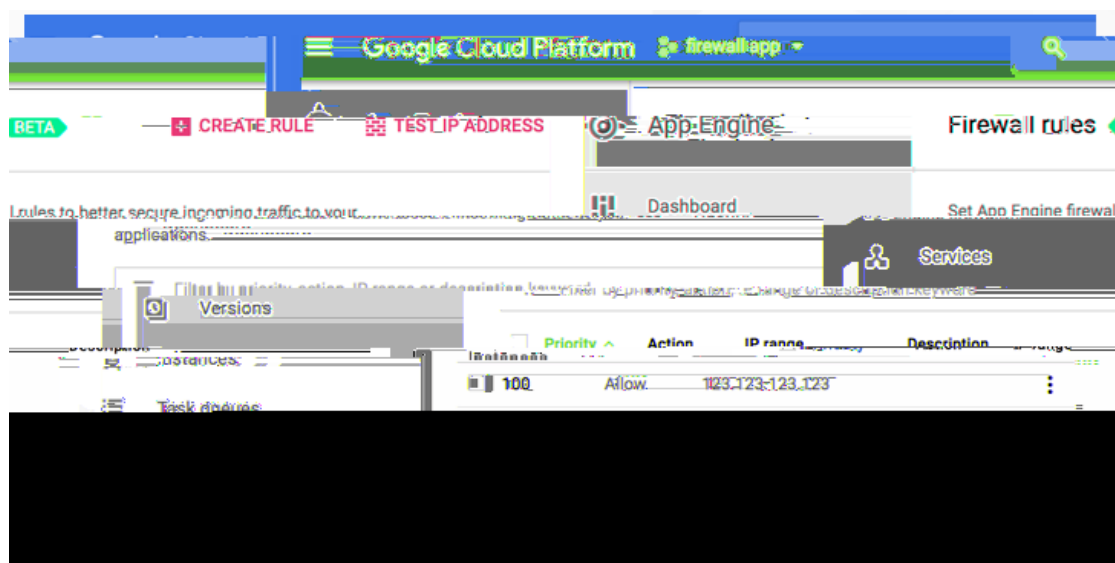
5,401kbps

3223kbps

2.3 Google App Engine IP

App Engine

Google



App Engine API Google Cloud

Console gcloud IP

GAE IP app

DDoS

2.4 **Kubernetes**

Codefresh Kubernetes

Kubernetes Kubernetes

Kubernetes 10 Kubernetes

2.5 **Propublica**

Propublica

3. **Azure**

3.1 **AWS**

TheStreet Pacific Crest Brent Bracelin

Microsoft AWS

Microsoft 10

Business Insider AWS

1150 1135 AWS WS

3.2 **Azure**

Azure blob Hubs

Azure

DocumentDB

(

4.3

4.4

4.5

4.6

5.

5.1

-
-
-

5.2

DevOps

-
-
-
-

5.3

5.4

AMD EYPC

5.5

PCI DSS V3. 2

5.6

AI





5.7

5.8 DDoS

1. Openstack

1.1 OpenStack Pike 9 1

2. Easystack

2.1 EasyStack

AI

3.

3.1

4.

4.1

6 IP SReXperts

Nuage

Nuage VSS

4.2

Techworld 2017

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Techworld 2017

5. 360

DDoS

CDN

1

DDoS

8. Fortinet

8.1 Fortinet FortiGate

AWS VMware Cloud

Fortinet

FortiGate

AWS

VMware Cloud FortiGate

VMware

AWS

VMware Cloud

FortiGate

AWS

VMware Cloud

8.2 Fortinet

Fortinet

SaaS

FortiCloud

FortiCloud version 3.2

SaaS

Fortinet

FortiGate

FortiAP

FortiSwitch

Granular access controls application usage policies sandbox integration

1. NeuVector

VIC vSphere Integrated Containers

vSphere

VMware

NeuVector

VIC

VIC

NeuVector

VIC

•

VIC

•

•

7

- VIC Docker Docker
- VIC
-
-

2. Aqua

2.1 Manifesto

Manifesto

Kubernetes

2.2 Kubetnetes

Kubernetes

CIS Center for Internet Security

Kubernetes Benchmark

Aqua CIS

K8s Benchmark

Kube-bench

Aqua

Liz Rice

Go

YAML

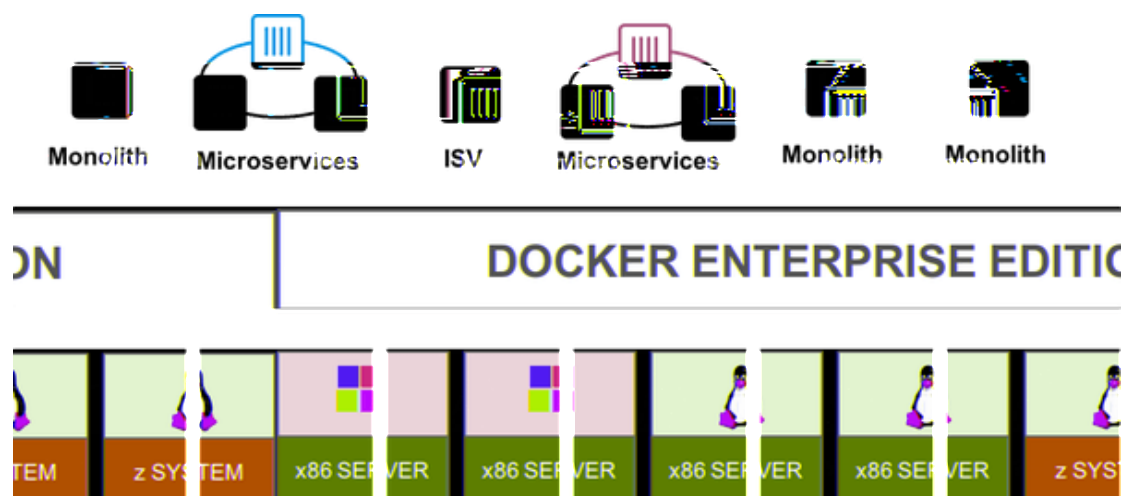
JSON

Kubernetes

K8s

3. Docker Enterprise Edition

EE 17.06



Docker EE 17.06 Windows Linux Linux
 CaaS
 Linux Windows x86 Docker
 EE

Docker EE Windows Linux

- Docker Windows overlay networking
- overlay networking Windows Linux
- Windows Linux

4. Istio



Istio

Istio

- HTTP gRPC TCP
-
- API
-
-

Istio

Kubernetes

Mesos

5. CoreOS Tectonic 1.7.1 Azure Kubernetes



IT

Kubernetes

CoreOS

Kubernetes

CoreOS Tectonic

Azure

Kubernetes

6. OpenShift 3.6

6.1

- PCI DSS DSS OpenShift PCI

- Secrets Secrets OpenShift 3.6

●

6.2

- Broker

OpenShift

- OpenShift OpenShift

OpenShift

- Ansible Playbook

Ansible Playbook OpenShift

OpenShift

- Gluster

OpenShift

OpenShift

1. VMWare

AppDefense

VMWare

AppDefense

VMware vSphere

8 28 Palo Alto

AppDefense

AppDefense

VMWare

AppDefense

intent-based security

vSphere

App

AppDefense

hypervisor

vSphere

VMware NSX

2. Google

Android 8.0

8 21

Android 8.0

Oreo

O

Android 4.4

16%

CEO

86% IOS

IOS 10

7%

Android 7.0

Android 8.0

Treble

WiFi

60 emoji

APP

WebWiew

web

APP

APP

3. Flashpoint Intelligence Academy

Flashpoint

Flashpoint

FIA

BRI

BRI

BRI

BRI

IoC

Flashpoint

BRI

Flashpoint

BRI

Brian

Mohr

FIA

Mohr

IoC FIA

FIA

BRI

Flashpoint

4.

8

645

1200

1200

20 4000
300kbit 1.1kbps
2030
2 2015
1010

5. Cylance

Cylance Cylance PROTECT Home
Edition BYOD
Cylance
10 Cylance PROTECT Home Edition Windows Mac
iOS Android

6. Netflix API DDoS

Netflix DDoS
Akamai Q1 DDoS DDoS
1% DEF CON Netflix
microservices arthitecture
gateway API
API DoS Netflix
API
DDoS Repulsive Grizzly
Cloud Kraken

7. ESET

ESET

ICS

Industroyer

IDA Pro

IDAPython

OPC Data Access

Havex RAT

Win32/Industroyer

1. Respond Software SOC 1200

Respond Software

1200

SOC

SOC

Respond Analyst

26

SOC

75

2

Respond Analyst

PGO

1500

Respond

2. Dragos A 1000

Dragos

A

1000

Deloitte

CrowdStrike

Dragos

Dragos

2016

Dragos

Dragos

ICS

CyberLens

Dragos

Energy Impact Partners (EIP) Allegis Capital DataTribe
DataTribe Dragos 2016 8 120

3. SSL

DigiCert
2018 Q3 9.5
DigiCert 30% Chrome 10
SSL SSL
DigiCert SSL
Comodo IdenTrust 14% 5.5% SSL
DigiCert 2.2% 0.9% DigiCert
IoT SSL

4. Flashpoint 2800 C

Flashpoint 2800 C
BRI
Flashpoint
BRI Flashpoint
Geogian Partner Greycroft Partners
Bloomberge Beta Cisco Investments