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1.2	AWS		
1.3			
1.4			
1.5			
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2.5			
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1. AWS

1.1 AWS

CNCF

AWS

CNCF

AWS

Adrian Cockcroft

CNCF

AWS

Arun Gupta

AWS

Azure

IBM Bluemix

CNCF

CNCF

CNCF

Kubernetes Fluentd linkerd Prometheus

OpenTracing gRPC CoreDNS containerd rkt

Container Networking Interface

CNI

1.2

AWS

1000

GameSparks

GameSparks

AWS

1.3 VMWARE AWS

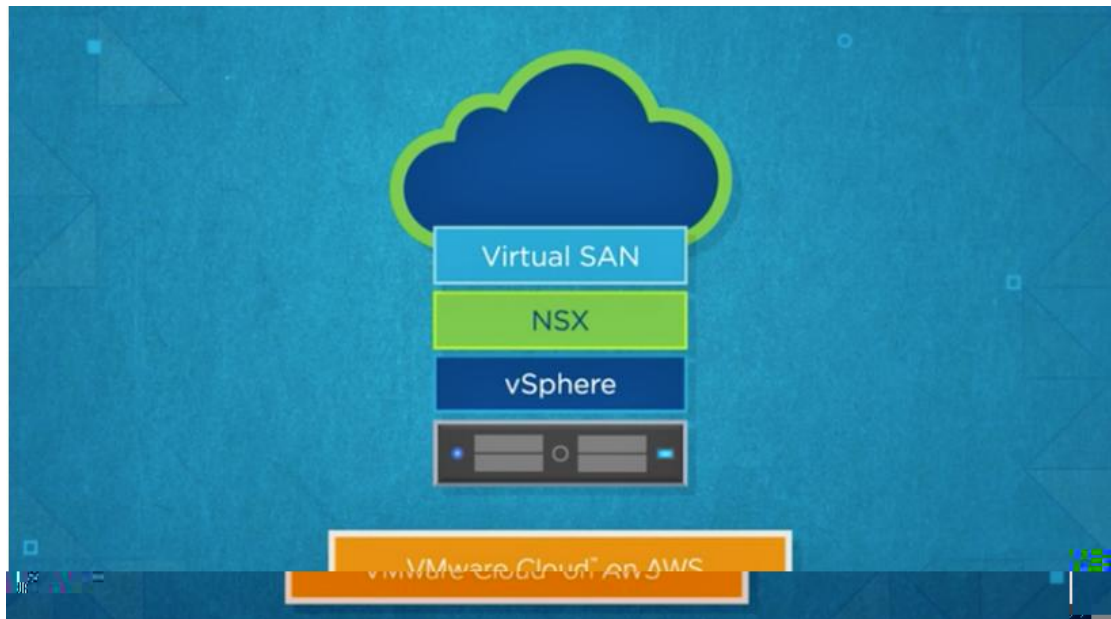
VMware Cloud on AWS

VMware Cloud on AWS

VMware

vSphere

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
Gartner
500

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Cedexis

HTTP

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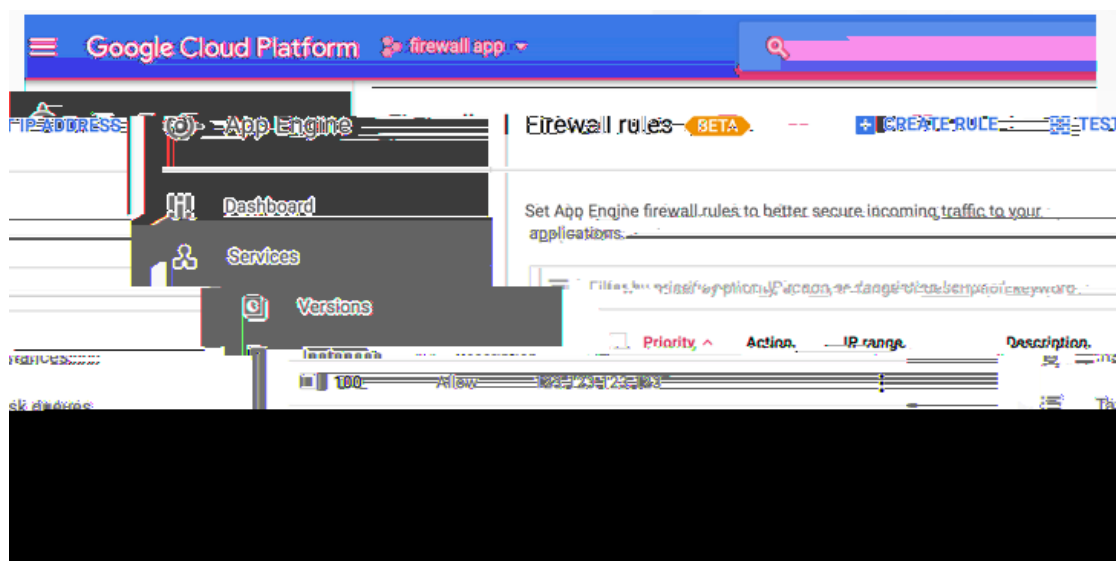
5,401kbps

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

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DevOps

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AMD EYPC

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PCI DSS V3. 2

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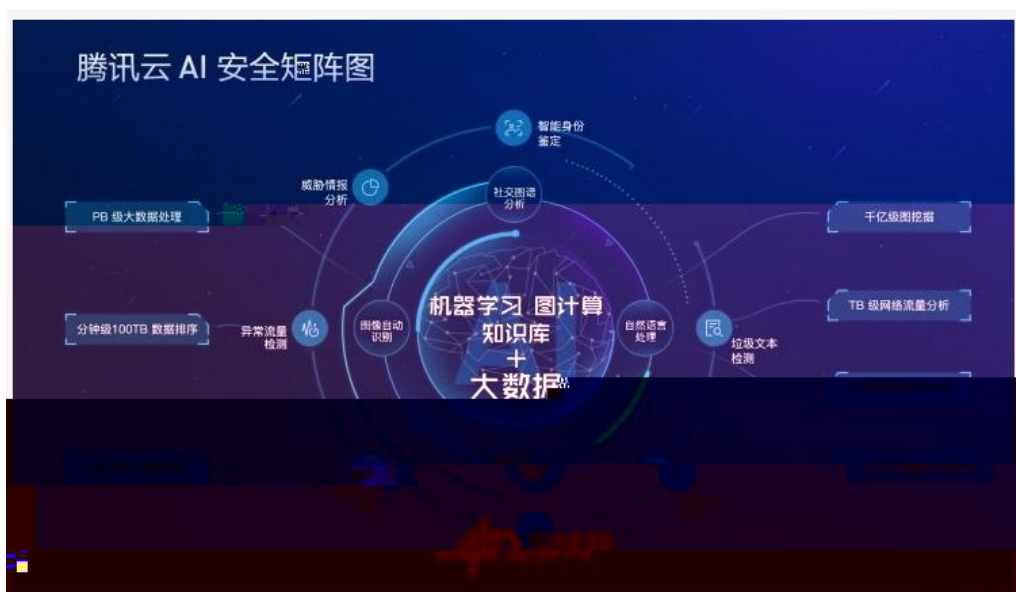
AI

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NN

5.8 DDoS

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1. Openstack

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L M 5

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K L L

K

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2. Easystack - U S 2 .

2.1 EasyStack AI

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3.

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4.1

6 IP SReXperts

Nuage

Nuage VSS

4.2

Techworld 2017

2017 8 4

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

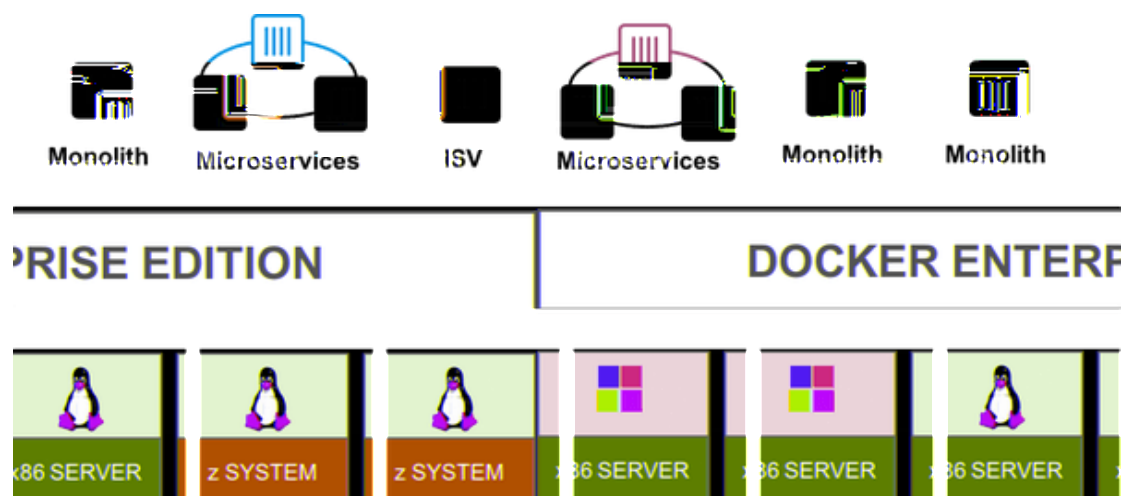
JSON

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

vShpere

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		