

Amazon Connect Amazon Cloud Directory ISO

Amazon AWS

VMWare CloudCoreo VMware

Google AI TPU

MWC 8

AI 2018 ET

31 MWC 5G VR

Gartner OpenStack

EasyStack 2017

2018 ITS CHINA

360

VMware “

”

Fortinet

100Gbps+ NGFW

Google BYOL VM

UTM CheckPoint

“ ” CloudGuard

Subtree Dotmesh

Rancher 2.0

Firefox 59 URL

X.509

KoolSpan

Cellebrite

iPhone iPhone X

SIKUR Phone

3 7 Splunk

3.5 Phantom

2 B Vectra Networks

CyberX Morphisec

2018 3 1

iii

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1.				
1.1	2018 ITS CHINA		9	
2.				
3.				
4.				
4.1	2017	“ ”		10
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3.	CryptoMove	600	A	
4.	VMWare	CloudCoreo		

5.	Morphisec	1200	B
6.	Vectra Network	3600	D
7.	CyberX	1800	B
8.	Splunk	Phantom	
9.		PhishMe	4
10.		2	B

+

AWS

1.1 Amazon Connect ISO

Amazon Connect	ISO 9001	ISO 27001	ISO 27017	ISO 27018
AWS	AWS			
AWS ISO		AWS ISO 9001		AWS ISO 27001
AWS ISO 27017	AWS ISO 27018			
Amazon Connect		AWS		ISO
Amazon Connect	AWS Free Tier			Amazon Connect
	Amazon Connect			

1.2 Amazon Cloud Directory SOC ISO

	Amazon Cloud Directory		(SOC)	ISO 27001	ISO
27017	ISO 27018	ISO 9001			
	Cloud Directory				

SOC	ISO 27001	ISO 27017	ISO 27018	ISO 9001		Cloud
Directory	AWS		AWS Artifact	AWS SOC		ISO

1.3 Amazon RDS AWS Database Migration Service SQL Server

Amazon RDS for SQL Server		(CDC)		
Enterprise Edition		SQL Server 2016 SP1		Standard Edition
CDC				

CDC	AWS Database Migration Service (DMS)		SQL Server	
	DMS	DMS	RDS	SQL Server

1.4 ()

AWS ()

	IP	(4)	IP
Amazon EC2	IP		IP
IP			
	15	AWS	(
)	()	()	()
)	()	()	()
()	()	()	()

1.5 AWS

AWS		AWS
		AWS
AWS		

AWS

AWS

AppStream 2.0

Images ()

Actions (

) Copy ()

AWS

CopyImage API

VMware

2.1 VMWare

CloudCoreo

2 14

VMWare

CloudCoreo

CloudCoreo

2.2

VMware

VMware

VMware 1 31

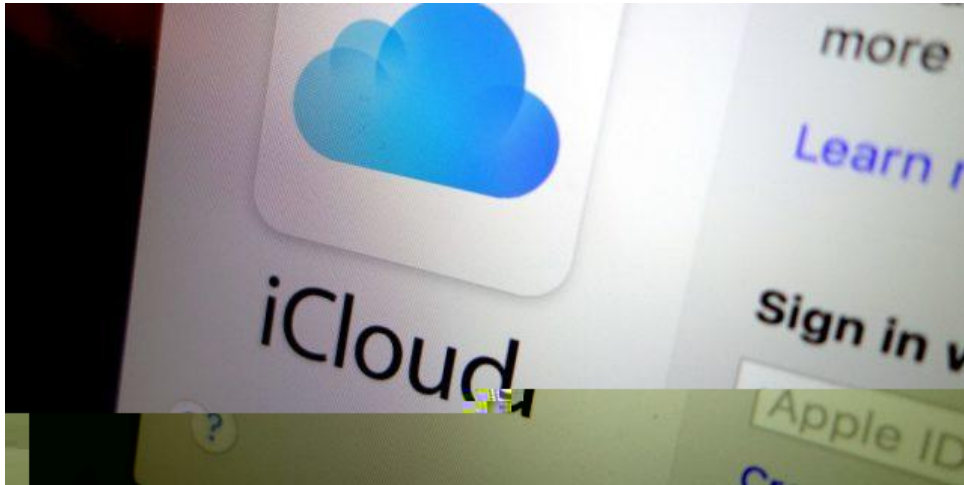
13D SEC

GOOGLE

3.1 iCloud

2 26

iCloud



3.2

AI

TPU

6.5

Tensor Processing Unit

TPU

TPU

TPU

TPU

6 50

2016

TPU

5

TPU

TPU

TPU

GCP

GSuite

10

TPU

TPU pod

Cloud TPU^{BETA}


 Google Cloud Platform

Azure

4.1

2 23

-

Azure

Cortana

Translator Pix Bing Edge Skype SwiftKey
IoT

5.1 MWC 8 AI Azure

MWC 8

PaaS Dataphin

ET AI

5.2

ET

2018

2

11

2

10

2018

“

”

ET

ET

IoT

5.3

AI

AI

2

6

ET

AI

ET

3

3%



6.1

2

6

QQ QQ

36

QQ

QQ

Hadoop

6.2

31

+

7.1 **MWC 2018** **xLab** **5G** **VR**

MWC 2018 4 xLab TPCAST 5G

VR

HTC Vive Oculus Rift PSVR VR

HTC TPCAST 60Ghz VR

VR

5G

VR

7.2

Openstack

1.1 Gartner

OpenStack

Gartner

OpenStack

Gartner

Gartner

OpenStack

2017

OpenStack

)

99CLOUD

3.1 99Cloud

99Cloud

OpenStack

/

2017

99Cloud

99Cloud

2

A

5000

B

1.5

1.

1.1 2018 ITS CHINA

.

ITS CHINA

APT

DSM

2.

3.

4.

4.1 2017

“ ”

2018 2 2

“ ANVA ”

2017

2017

“

”

2017

2017

2017

“

”

5. 360

5.1 360

VMware

360

VMware

360

VMware

360

VMware

“

”

	+	2018	2	
360		VMware		VMware Ready™ 360
		VMware	vSphere	NSX® VMware
vSphere®5.0/5.1/5.5/6.0/6.5		NSX6.2.4/6.3.0		360
		vSphere NSX		
VMware				“
		VMware	360	
”				
360			360	IPS
5.2 360			“	”
2018	2	1	“	”
				360
21				

6.

6.1

2018

2

1-3

“

”

7.

8. Fortinet

8.1 Fortinet 100 Gbps +

	Fortinet	FortiGate 6000F		NGFW	FortiGate
6000F		Fortinet			
		zSFP +	QSFP28	10G	40G 100Gbps 25G
	FortiGate	Fortinet			
	FortiOS	Fortinet			
Fortinet					
					12
CPU	SPU	CP9		NP6	
3U	FortiGate 6000F		10		

DP3

8.2 Fortinet FortiGate

Google

Fortinet FortiGate VM Google

FortiGate VM Google Cloud Launcher BYOL

Google Public Cloud

FortiGate Google

Fortinet Google Cloud

Fortinet Fortinet

FortiGate

8.3

EITC

Fortinet

EITC Fortinet Security Fabric

UTM

Web

VPN

FortiPortal

FortiGate

FortiAnalyzer

FortiManager

“

Fortinet

“ EITC ICT

Farid Faraidooni

9. Checkpoint

9.1 Check Point Smart-1 “ ”

CheckPoint Check Point Infinity Total Protection

Smart-1 48TB 10

8

Smart-1 525 Smart-1 5050 Smart-1 5150 IT

9.2 Check Point CloudGuard

2017 Check Point 81

Shared Responsibility Model

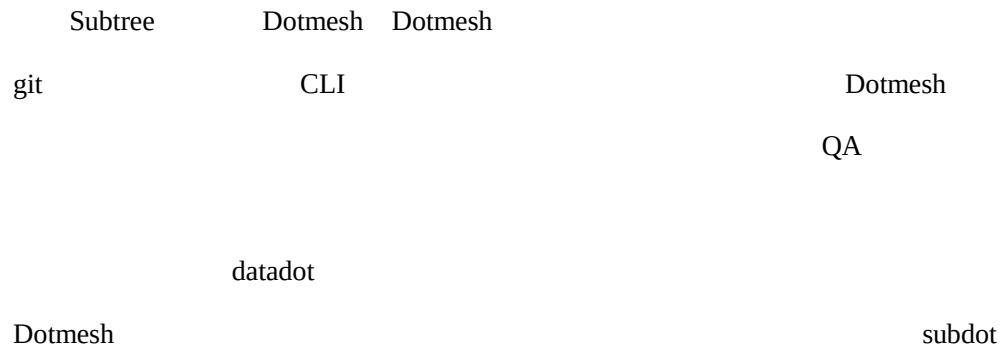
Check Point Infinity

Check Point CloudGuard

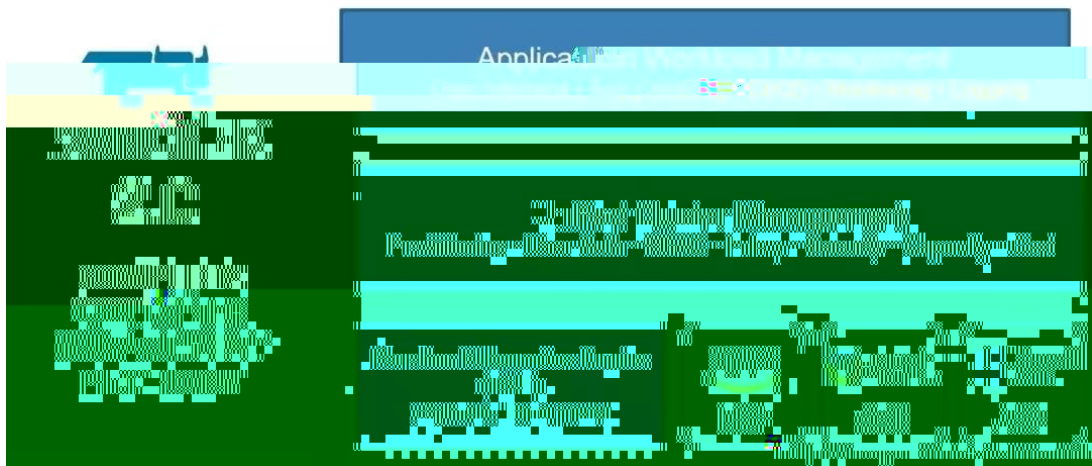
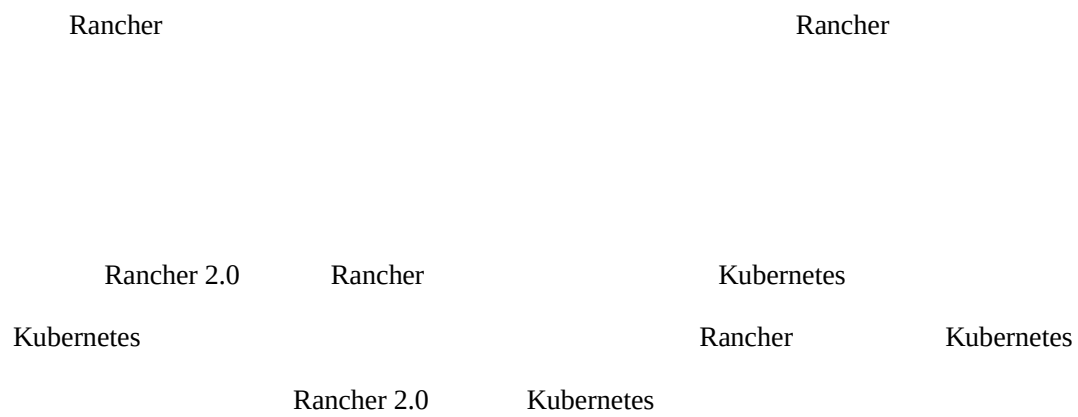
vSEC (IaaS) CloudGuard SaaS

CloudGuard

1. Subtree Dotmesh



2. Rancher2.0



	+	2018	2		
				K8s	Rancher 2.0
		IT			Rancher 2.0
K8s			(RBAC)		
		DigitalOcean	AWS		RKE
		SSH / IP	docker run		

1. Firefox 59 URL

		Firefox 59	URL		
		Referrer			
	1	2	2		
1		HTTP	“ Referrer ”		HTTP
		Referrer			
			“ Referrer ”		2015
1		EFF	HealthCare.gov		

2. X.509

	2017	7	Bsides	Fidelis Cybersecurity	Jason
Reaves			X.509		POC
X.509				TLS/SS	TLS
			X.509	,Reaves	
			X.509		Reaves
PoC		TLS	Mimikatz	Reaves	

3. KoolSpan

KoolSpan

KoolSpan

KoolSpan TrustCall Native

TrustCall SEAP

KNOX

4. Cellebrite iPhone

Cellebrite iPhone

iPhone X Cellebrite 1999

iOS 11 iPhone

“ ” iOS 5 iOS 11

iOS iPhone iPad iPod touch Cellebrite

Galaxy Note Alcatel Nexus, HTC,

iOS

5.

Sikur 799 SIKUR

Phone SIKUR Phone

SIKUR Phone 2 27

799 2018 8 SIKUR

Phone 20,000

1. Attivo Networks

2 6 Attivo Networks Bain Capital Ventures 3

Attivo Networks

SCADA

2. Infocyte 520 B

2 9 Infocyte Feik Enterprises 2 520 B

Infocyte

3. CryptoMove 600 A

2 12 CryptoMove 408 Ventures 5 600 A

CryptoMove

4. VMWare CloudCoreo

2 14 VMWare CloudCoreo CloudCoreo

5. Morphisec 1200 B

2 19 Morphisec Deutsche Telekom 3 1200 B

Morphisec

6. Vectra Network 3600 D

2 21 Vectra Network Accel Partner 8 3600 D

	+	2018	2
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Vectra Networks 2011 1

7. CyberX 1800 B

2 27 CyberX ff Venture Capital 4 1800 B
CyberX

8. Splunk Phantom

2 27 Splunk Phantom 3.5 Splunk
TB
Phantom
Phantom Apps

9. PhishMe 4

PhishMe
4
Cofense 1700 PhishMe Reporter
1000 80

10. 2 B

2 B A
Symantec
McAfee Gartner

Analyzer Monitor Builder