

+

2019 2

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AWS  
 EC2 A1 Amazon ECS GPU EC2  
 AWS Site-to-Site VPN IKEv2 AWS Well-Architected Tool  
 AWS Elemental MediaConvert  
 Amazon GuardDuty AWS IoT  
 Device Defender VMware  
 AetherPal Google Alooka-  
 Ontology(ONT) 200  
 PC  
 EasyStack Kylligence  
 2019 Adobe ColdFusion  
 EDR IT168  
 2019  
 40  
 Cloud-in-a-box 2019  
 360  
 2019.1 Fortinet

SD-WAN

RunC root

Docker Windows Server 2019 Linkerd 2.2

linksd pod

1.0

App

Microsoft 365

Adobe Experience Manager NSA

GHIDRA USB-C

USB

1 3

Luminate

Illumio 6500 E

vArmour 4400 E Perimeterx

4300 C

2019 2 27

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# 1. AWS

## 1.1 AWS Batch

## Amazon EC2 A1

2 4

AWS Batch

Amazon EC2 A1

G3s

AWS Batch

AWS

AWS Batch

CPU

AWS Batch

Amazon EC2 A1

Arm

Arm

AWS Batch

A1

Arm

A1

AWS Batch

G3s

Batch

G3s

(VFX)

## 1.2 Amazon ECS

## GPU

## EC2

2 4

Amazon Elastic Container Service (ECS)

EC2 GPU

ECS

GPU

ECS

ECS

GPU

AMI

vCPU

GPU

p2

p3

ECS GPU

AMI

Nvidia

Docker GPU

CUDA

GPU

ECS

ECS

GPU

### 1.3 AWS Site-to-Site VPN

### IKEv2

2 6 AWS Site-to-Site VPN Internet Key Exchange  
2 (IKEv2) VPN IKEv2 IKEv1 VPN  
VPN  
VPN  
IKE AWS  
AWS Classic VPN

### 1.4 Amazon GuardDuty

AWS AWS

AWS AWS

Well-Architected

### 1.6 AWS IoT Device Defender

2 19 AWS IoT Device Defender

AWS IoT Device Defender

AWS IoT

Core

90

AWS IoT Device Defender

AWS

### 1.7 AWS Elemental MediaConvert

2 21 AWS Elemental MediaConvert

MediaConvert

SCTE-35

MediaConvert

(ESAM) XML

VOD

AWS Elemental MediaConvert

## 2. VMWare

### 2.1 VMware

### AetherPal

2 18 VMware AetherPal AetherPal

VMware Shankar Iyer VMware  
Workspace One Workspace One

AetherPal

Remote Support

AetherPal 4500  
Remote Support POS

## 3. GOOGLE

### 3.1 Google

### Alooma -

2 20 2 19 Google Alooma  
Alooma 2013  
API 4 50 Google  
Google

### 3.2

### Ontology(ONT)

2 25 Ontology (ONT)  
ont\_dev\_Platform Ontology  
2018 12  
Azure Ontology

4. **Azure**

5.

5.1		<b>200</b>		
1 30		2019	Q3	2018
213.6		200		111.7
20				4
				40%
500		80%		
	678			AI
	5			
		50%		

PC

GDC

i7-8709G

PC Farm

/ / /

AR/VR

i7-8709G

MediaSDK

1080p /50~60 FPS

6.2

2 26

30 50

100

1000

7.

7.1

**2** 20

AIjA

1.

1.1

2019



2 3

2019

2000

1.2

**Adobe ColdFusion**

2019

2

12

Adobe

Adobe ColdFusion

APSB19-10

ADLab

CVE-2019-7091

ColdFusion 11 Update 15

ColdFusion 2016 Update 7

ColdFusion 2018 Update 1

V6.0 2019 2 15

6070 607000204

<https://www.venustech.com.cn/article/type/1/146.html>

gateway-config.xml

JavaBeanAdapter

APSB19-10

<https://helpx.adobe.com/security/products/coldfusion/apsb19-10.html>

Adobe ColdFusion RCE

[https://mp.weixin.qq.com/s/8\\_D8xwXwgETItMmJRgp6XQ](https://mp.weixin.qq.com/s/8_D8xwXwgETItMmJRgp6XQ)

1.3

CSA                      SOC                      SA                      AEM  
CVS                      NBA                      BSM                      LAS  
Detector

SIEM                      SOC                      BDSA  
PSP                      UTT  
AN                      ML  
UEBA                      AA                      Visualization  
Tran-Matrix Opt.                      KG                      QD                      TH

PAC                      PBC                      PCC                      PSC                      SRC



1.4

2019

5406

3363

2043



2012

2.

2.1 **EDR IT168**

EDR IT IT168  
2018

1

2017 5 2018

2018

2

Web

2.0

**EDR**

EDR

1

EDR

2

EDR

EDR

EDR

3

EDR

/

Web

IOC

2.0

\

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EDR

EPP

EDR

EDR

20W+

3.

3.1

2019

IPv6

X10800

4.

4.1 **40**

GSMA

Verizon 40

2022

60% GDP

5G

50

2025

60

GSMA

5G

5.

5.1 **Cloud-in-a-box 2019**

Cloud-in-a-box

2019

6.

6.1

2018

3

7. **360**

7.1

---

	+	2019	02		
2018	12	4.3%		12	4.3%

NGFW  
Fortinet  
SD-WAN  
Fortinet  
NGFW CPE  
SD-WAN  
Fortinet 2018 7 SD-WAN  
WAN SD-WAN  
VM Fortinet SD-WAN  
WAN

## 10. Checkpoint

### 1. RunC

RunC root  
RunC Docker CRI-O containerd Kubernetes  
CLI  
runC runC  
root  
CVE-2019-5736 Adam Iwaniuk Borys Poplawski runC  
runC  
root  
docker exec  
root  
runC LXC  
docker runc Debian Ubuntu

Docker v18.06.2 v18.09.2

## 2. Docker Windows Server 2019

Docker	Docker Enterprise	Windows Server 2019
Long Term Servicing Channel	LTSC	Server 1809
SAC	Windows Server 2019	SAC
		LTSC
	IP	

## 3. Linkerd 2.2

2	12	Linkerd 2.2		
			CLI	logs
endpoints	Linkerd			
		CNI		
NET_ADMIN				
				2.1
	Linkerd			
		Linkerd 2.2		
isRetryable		timeout		
	retryBudget			
			Kubernetes	
	Linkerd		Pods	
	Pods			

## 1. CNNVD

		Microsoft Office
CNNVD-201902-356	CVE-2019-0540	Windows
CNNVD-201902-405	CVE-2019-0590	Microsoft SharePoint
CNNVD-201902-349	CVE-2019-0594	

## 2. M365

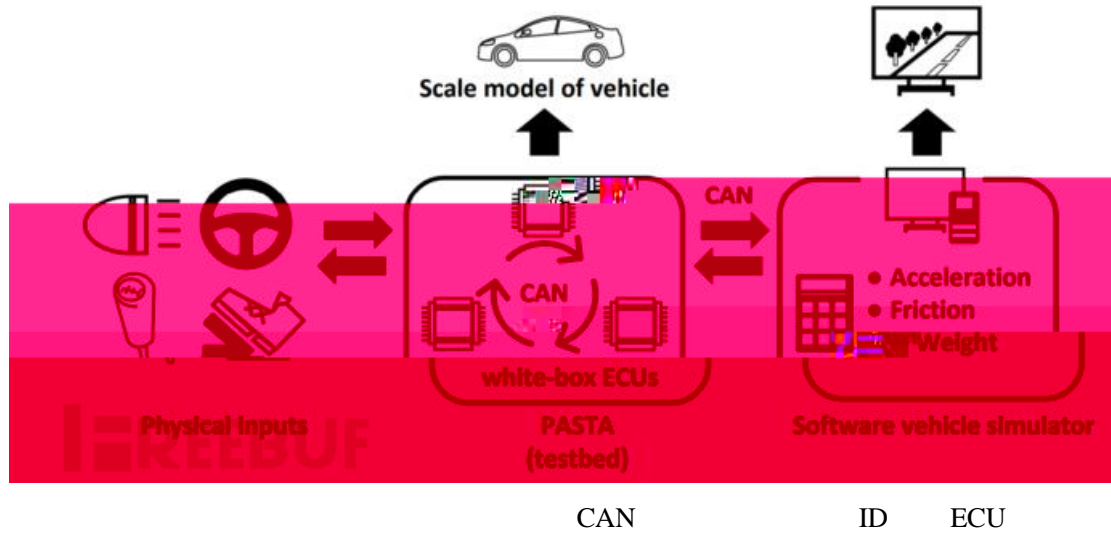
Zimperium	M365
100	
M365	APP



PASTA

Takuya

Yoshida Tsuyoshi Toyama



ECU

PASTA

ID ECU

## 6. GCA

GCA

GCA

Alexander Niejelow

## 7. WinRAR

2019 2 20

checkpoint

WinRAR ace

DLL

2019 2 22

360

WinRAR

CVE-2018-20250

ACE

ModifiedVersion3.rar

WinRAR

**1.**

**1.1 Symantec Luminate Security**

2 12 Symantec Luminate Security

Luminate

**2.**

**2.1 vArmour 4400 E**

2 6 vArmour AllegisCyber NightDragon Security 4400 E

vArmour

**2.2 Illumio 6500 E**

2 7 Illumio J.P. Morgan Asset Management 6500 E

Illumio

Illumio

**2.3 PerimeterX 4300 C**

2 11 PerimeterX PerimeterX 4 4300 D

Perimeterx

Perimeterx BOT

PX Bot Defender

