

		Amazon EFS		Amazon EC2
	Ubuntu	Amazon Linux 2		Microsoft SQL Server AMI
		Google Cloud		
AWS		AWS Config	AWS Elastic Beanstalk	VMware
	APJ			VMware
AI				9600

360 RSA

RSA

Arista

Networks Fortinet Fabric-Ready

CheckPoint CloudPassage

Cilium1.0

BPF

Kubernetes

Docker

2.0

Kubernetes

PDF

Windows

NTLM

SMT

Pro

MongoDB

Office 365

Windows

Defender System Guard runtime

rootkit

Linux

Windows Defender

AlienVault

OTX Endpoint Threat

Hunter

Mozilla

FIDO

Ubuntu 18.04 LTS

Ubuntu 18.04 LTS

Linux

AMD

SATA Link

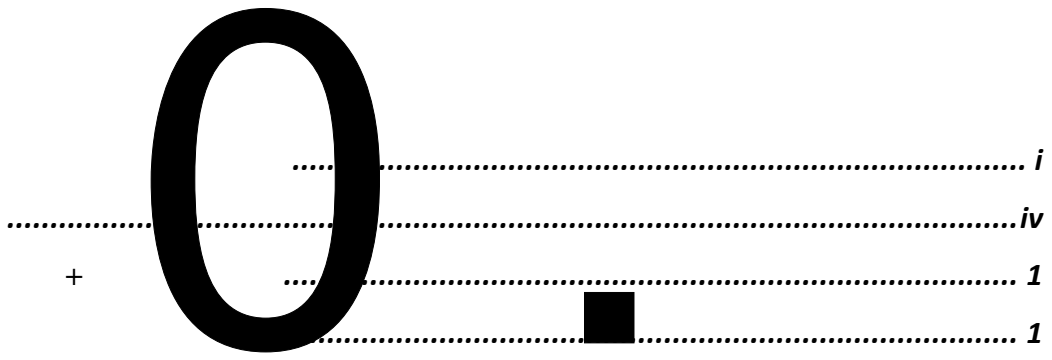
3 7

Palo Alto Networks 1

Secdo Evolve IP

thevoicefactory RSA forscale

SaaS



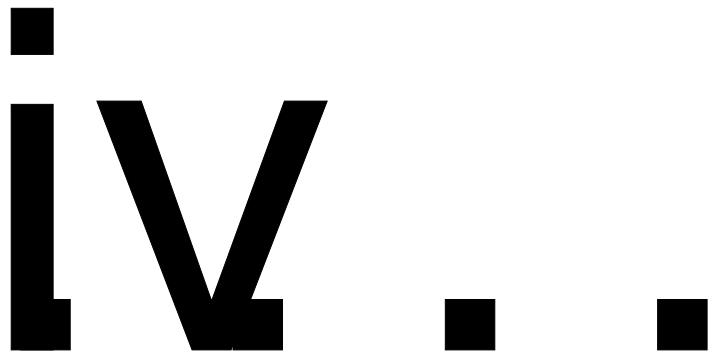
1. AWS

2. VMware

3. GOOGLE

4. Azure

5.



6.

7.

2.	Easystack		
3.	99CLOUD		
	"2017		
		12
1.			
		"	"
2.			
3.			
4.			
5.	360		
6.			
7.			
8.	Fortinet		
9.	Checkpoint		
		21
1.	Cilium 1.0	BPF	Kubernetes
2.	Docker	2.0	Kubernetes
		23
1.	PDF		Windows
2.	MongoDB		
3.	Ubuntu 18.04		
4.	SMT		Pro

5.	Linux	Windows Defender
6.	AlienVault	OTX Endpoint Threat Hunter
7.		Windows
8.		Web
9.	office 365	
	 26

1.

2.

OPAQ Networks

+

1. AWS

1.1 Amazon EFS

4 1 Amazon Elastic File System (Amazon EFS)

Amazon EFS

Transport Layer

Security (TLS) 1.2

EFS AWS

Amazon EFS

1.2 Amazon EC2 SQL Server AMI

Ubuntu

Amazon Linux 2

Microsoft

4 19 Amazon EC2

Ubuntu

Amazon Linux 2

(LI)

Microsoft SQL Server 2017

Amazon

(AMI)

AMI

Windows Server

Red Hat Enterprise Linux

SQL Server 2017 AMI

Amazon EC2

SQL Server

1.3

Hyperledger Fabric

AWS

4 19 AWS

AWS

AWS CloudFormation

Hyperledger Fabric

AWS

AWS

Amazon Elastic Container

Service (ECS)

Docker

EC2

Amazon VPC

VPC

AWS

IAM

3. GOOGLE

3.1

4 2

NCAA

NCAA

3.2 DeepMind

4 2

DeepMind

Google Cloud

16



Alphabet AI DeepMind
Alpha Go DeepMind Alphabet
Facebook A.I.
3.3 9600
4 4 6000 9600

4. Azure

4.1

4 1 AI
Windows

4.2

4 19 ThinkAgile SX for Microsoft Azure Stack

ThinkAgile SX for Microsoft Azure Stack

Azure Stack

Azure Stack Azure

Azure Resource Manager

API

Azure



4.3	Azure			
4 27	3 31		268	16%
Azure	93%	74	35%	
	2.27%			

5.

5.1

4 2 2018

10

OPPO

5.2

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18

43

E-Glober

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E-Glober

E-Glober

E-Glober

5.3

4 10

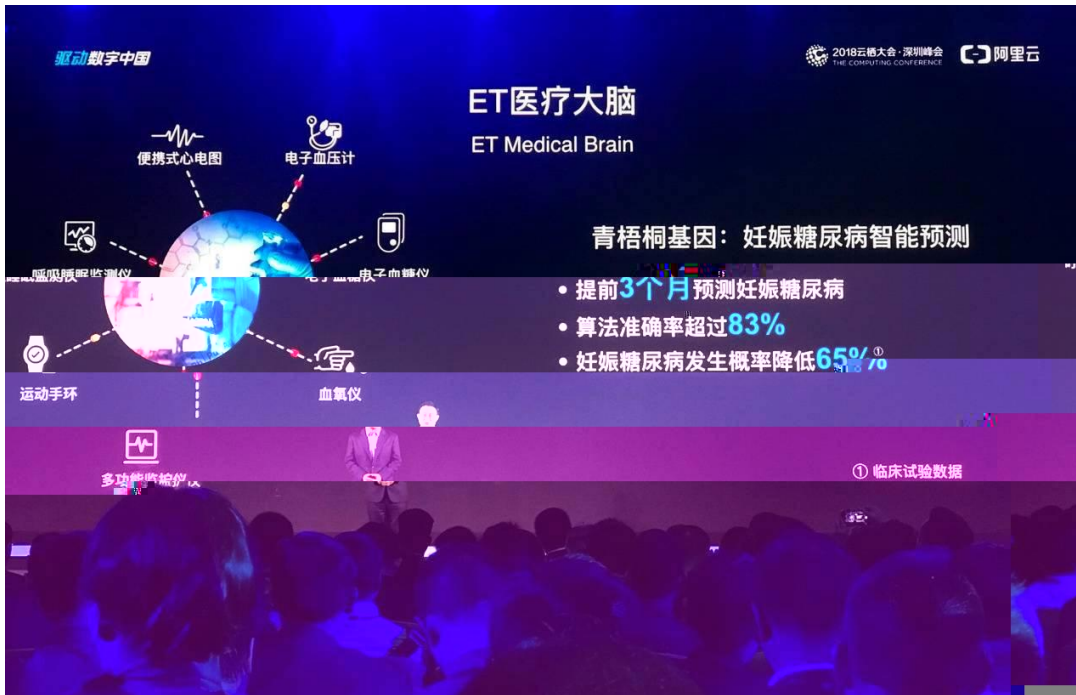
LuxuryPavilion

ET

8-12

83%

12 16



5.5

4 22

22

6.

6.1

4 12 12

7.

7.1 **2017** **3.4**

4 18 2017 2017 3.4 35

2017

6.6

2017 3.4 3000

56% 372%

35 2016 36%

60% 99% 135%

2017 10

7.2

4 18 2018 (HAS2018) BU

7.3 **SDSec** **RSA**

4 26 RSA 2018 SDCSec

SDSec

SDSec

SDSec

SDSec SDN

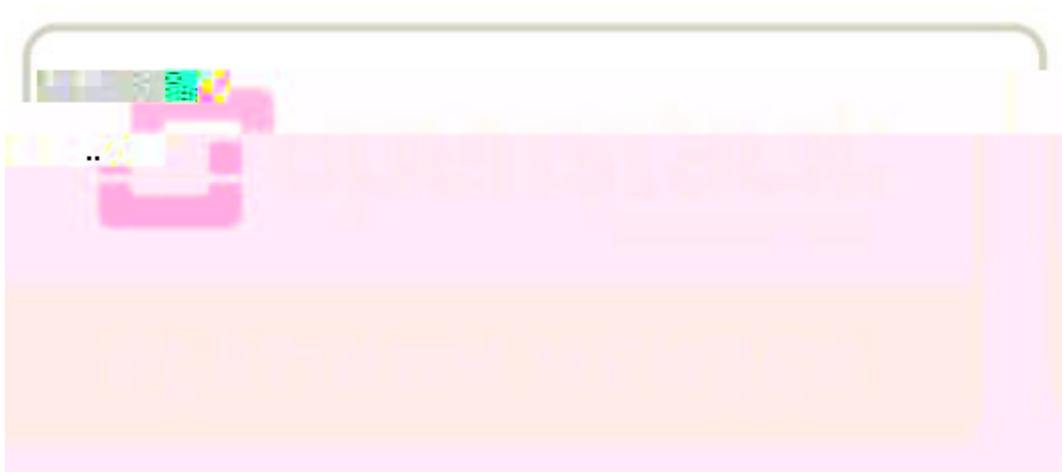
SDN

SDSec

1. Openstack

1.1 OpenStack TStack

2018 4 25 OpenStack OpenStack
TStack OpenStack 2017 Superuser OpenStack
TStack OpenStack



TStack

IaaS PaaS SaaS

TStack

TStack

4 ()

7

14

300

;TStack

QQ

TStack

15

50

2. Easystack

3. 99CLOUD

3.1 2018 SDN/NFV

1.

1.1

2016

2016

D16110100330000

D161100003316001

1.3

2017

+

+

+



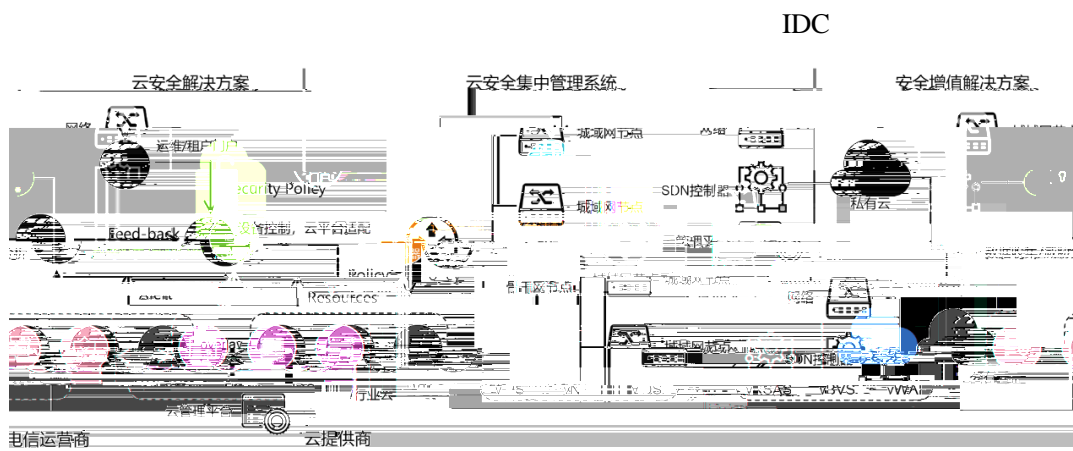
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3.1

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4.1



SDN

VMware ESXi KVM

OpenStack

HUAWEI Fusionsphere

API

4.2

Cyber Liability Insurance

90%

4 10

7

1.

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7.

4.3

4 18-19 2018

4.0

CPS

5. 360

5.1 360 2018RSA

360

360

RSA 360

DDoSMon ScanMon DNSMon

DNSMon2018

DNS

ScanMon

360

mirai

ScanMon

DDoSMon

DDoS

DDoS

DDoSMon

360

/

QVM

PE

QEX

AVE

APT

RSA

5.2 360

360

360

360

360

360

6.

6.1

RSA2018

WEB

SaaS

WEB

SaaS

AiLPHA

ICS

6.2



CMDB

7.

8. Fortinet

8.1 Arista Networks Fortinet Fabric-Ready

Fortinet Security Fabric Arista EOS

Arista EOS

Arista

Fortinet FortiGate

FortiGate

Arista Networks

CloudVision MSS

FortiManager

MSS

FortiGate

Arista

Fortinet

Fortinet

9. Checkpoint

9.1 CloudPassage Check Point

CloudPassage

Check Point

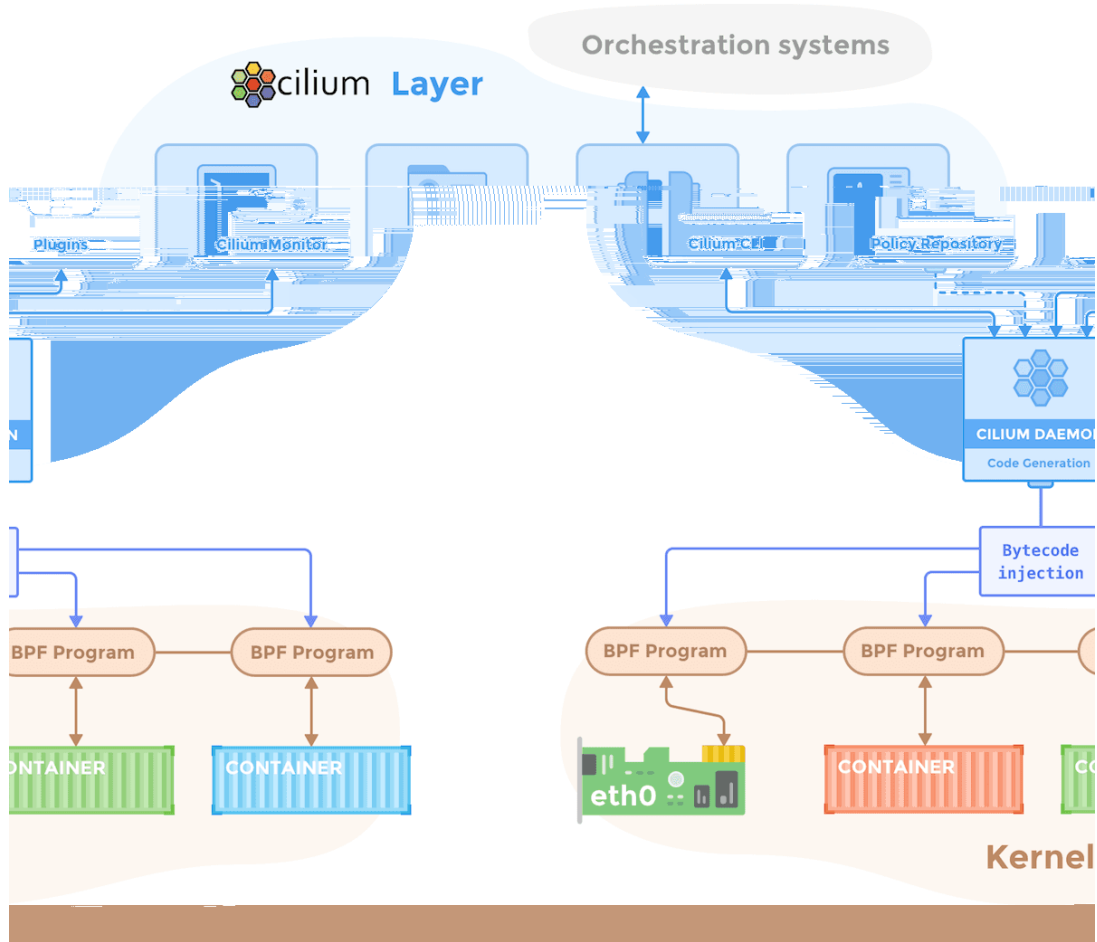
RSA

N 3635

-

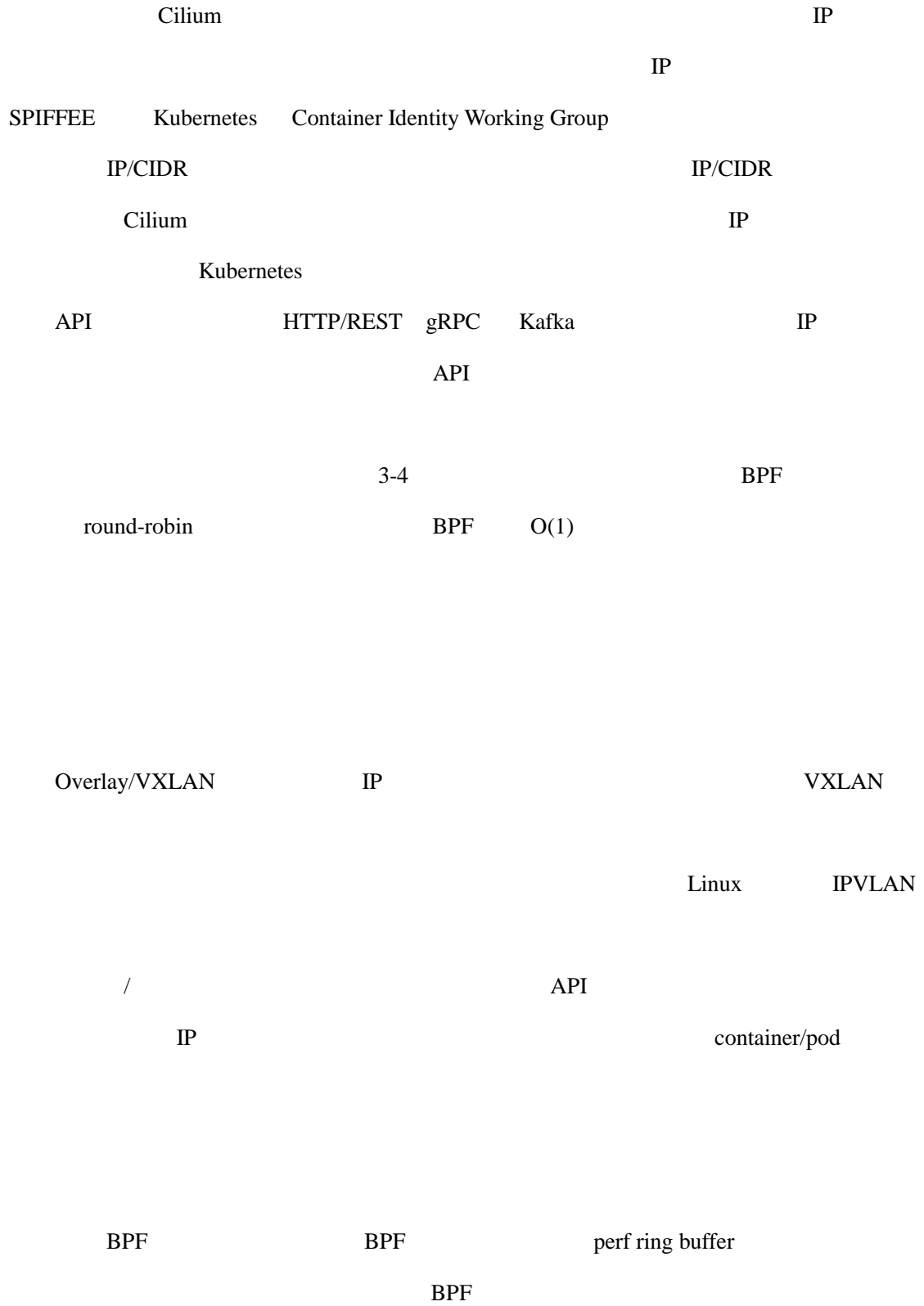
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1. Cilium 1.0 BPF Kubernetes



BPF BPF
Linux

Service Mesh	BPF	Service Mesh
Cilium 1.0	Envoy	Cilium Sidecar
CNI CMM	CNI CMM	Kubernetes Mesos Docker
API	Cilium	API



2. Docker

2.0

Kubernetes

Docker

Adobe PDF FoxIT
ADV170014
Windows NTLM SSO

2. MongoDB

MongoDB 25,000
Bezop Kromtech
Bezop
Bezop

3. Ubuntu 18.04

Canonical 26 Ubuntu 18.04 LTS Canonical CEO Ubuntu
18.04 LTS
Ubuntu 18.04 LTS Bionic Beaver Canonical
2023 5 Ubuntu 18.04 LTS 4.15 Linux
AMD SATA Link

4. SMT Pro

4 25 Pro SmartMesh(SMT)
SMT Pro
SMT
SMT BEC
SMT okex

5. Linux Windows Defender

Windows 10 Insider Preview Build 17650 RS5
Fluent Design Windows 10 Windows Defender

CR Web
Web Windows Mac Linux Chrome OS Android

9. office 365

Office 365
OneDrive 30
OneDrive
OneDrive
OneDrive Web
OneDrive
OneDrive

1.

1.1 Palo Alto Networks SECDO

4 10 Palo Alto Networks SECDO 1 Palo Alto
Networks Secdo

1.2 Evolve IP thevoicefactory

4 18 Evolve IP thevoicefactory Evolve IP
IP
EMC VMware Broadsoft

thevoicefactory

API

1.3 RSA

fortscale

RSA

Fortscale Fortscale

Fortscale

2.4 ObserveIT 1600 B

4 11 ObserveIT Bain Capital Ventures 1600 B ObserveIT
 1600

2.5 2250 B

4 13 M Columbia Capital 2 2250
 B M
 M ,

2.6 Onapsis Inc. 3100 C

4 13 Onapsis Inc. 406 Ventures 3100 C Onapsis
 ERP

2.7 Saviynt 4000 A

4 18 Saviynt Carrick Capital Partners 4000 A Saviynt
 Saviynt IGA
 SOD