

+

2019

5

2.1	HyperQube	50			31
2.2	Siemplify	3000	C		31
2.3	GuardiCore	6000	C		31

VirusTotal

AiLPHA

2019

Helm 3.0 alpha

kubernetes

Docker

Docker Enterprise 3.0

KubeCDN

Kubernetes

CDN

2.0

12 1

Windows

WannaCry

Windows 10

0day

2011

Android

iOS

2

3

Elevate Security

Phish5

Phish5

KnowBe4

CLTRe

CLTRe

HyperQube

50

SOAR

Siemplify

3000

C

GuardiCore

6000

C

2019 5 30

+

1. AWS

1.1 Amazon EMR

EMR

5 1 Amazon EMR EMR

EMR Apache Hadoop Apache

Spark Apache Hive Hue EMR

Amazon EMR

CLI

1.2 Amazon Cognito

API

5 6 Amazon Cognito Cognito API

AdminSetUserPassword API

Amazon Cognito Web

Amazon Cognito SAML 2.0

Facebook Google Amazon

1.3 AWS Systems Manager

Microsoft

5 7 AWS Systems Manager Amazon EC2

Microsoft Microsoft

Microsoft Windows AWS Systems Manager

Microsoft

Systems Manager

AWS

Microsoft

EC2 Microsoft

Center 2.0

Windows

5.

5.1 **LoRa2.0**

5 20 LoRa2.0

LoRa IP

LoRa LoRa LoRa1.0 2.0
1.0 2.0

5.2 **PolarDB**

5 21 PolarDB

MySQL PostgreSQL Oracle

1/6 40

PolarDB 2018

5.3

5 23

5.4

5 26

2014

9274

6.

6.1

5 17

6.2

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AI

AI

OTT

TV

TV

AI

6.3

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7.

7.1

SDRS

5 9

Storage Disaster Recovery Service

SDRS

SDRS

RPO=0

SDRS

SDRS

1

SDRS

RPO=0

RTO 30min

SDRS

2

SDRS

TCO

60%

MAC

SDRS

License

3

SDRS

SDRS

7.2

FusionPlant

5 27

2019

+

FusionPlant

5G

ICT

FusionPlant

2C

2B

2B

OT

90%

50%

100%

20%

IEEE

IEC

2019

ModelArts

AI

AI

ModelArts

- -

AI

AI

FusionPlant

ICT

1. Openstack

WZ068BZaME5EXSKR8\$%Q5%GBZ2EF90453432C2L46S4R25bEMQMG128529E006MDPE15685481157240

InCloud OpenStack Rocky

HA

HA

HA

EasyStack

ECS

1.

1.1

2019

IPv6

HTML WORD Excel PDF

CCID

2018

2017

23.2%

IT

1.3

2.

2.1

2.0

5 16

2.0



2.0

CEO

2.0

2.0

2.0

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2.0

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2.0

2.0

3.

3.1

|

NFV

2019

SDN/NFV/AI

NFV

SDN

1

VNF

2

3

/SDN

NFV

SDN



4.

4.1

C3

5G

2019

C3

5 7 -8

C3

Cyber

Cloud

Communication

Plan UP

2500 IT

5G

5G

5G

5G

5G

5G

IT OT Operation Technology

CT Communication Technology

ST Security Technology

5G

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+

2019

05

5G

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5.

5.1

VirusTotal

5 7

VirusTotal

POMA

VirusTotal

VirusTotal

VirusTotal

POMA

POMA

EXE PDF Office JAVA Flash

STIX

6.

6.1 2019

AiLPHA

5 26

2019

AiLPHA

2019

AiLPHA

2019



AiLPHA

AiLPHA

7.

7.1

5 29 2019

5G

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2019

05

CPU

1. Helm 3.0 alpha

Helm 3 alpha ,

Tiller

Helm 2 C/S helm Tiller Tiller Kubernetes

; Helm3 Release

helm tiller Helm3 Helm

Helm3 Tiller , Kubernetes

Helm3 tiller

Helm Kubeconfig

Docker Enterprise 3.0

Docker Kubernetes

Kubernetes

Kubernetes

Kubernetes	1.14	DKS
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Kubernetes

DKS

Kubernetes

Kubernetes

Kubernetes

3. kubeCDN

Kubernetes

CDN

Kubernetes

CDN

kubeCDN

kubeCDN

Terraform

EKS

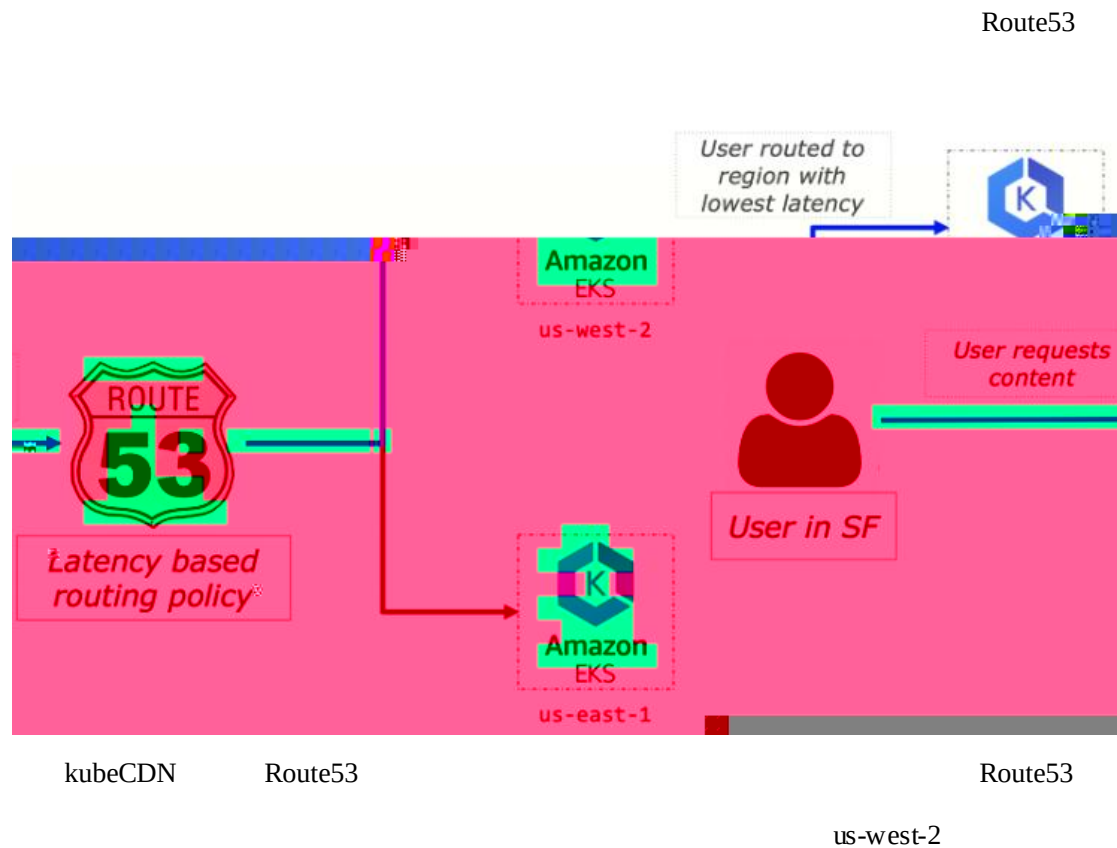
~~SECRET~~

Route53

AWS

DNS

A



kubeCDN

Route53

<https://docs.aws.amazon.com/Route53/latest/DeveloperGuide/routing-policy.html>

1. 2.0 12 1

2019 5 13

2.0

2.0 2019 12 1

1.0 2008

10

	+	2019	05	
2.0		2.0		2019
			1.0	2.0
	2.0			
		2.0		
			1.0	2.0
	1.0	2.0		
1				
2				
3				
4				
5				
	2.0			

2. Windows WannaCry

WannaCry	Windows	5	15
		CVE-2019-0708	
		2017	WannaCry
	POC		
WannaCry			Git Hub
Star			

3. 2011

Meltdown	Spectre	Foreshadow
ZombieLoad	2011	

PC

4. Windows 10 0day

SandboxEscaper

Windows

0day

8

SYSTEM TrustInstaller

Task 325.179348.B58186F51 g201ET9>> BDC BT/F3 14.275 Tf1 02.15 Tm0 g 0.025 Tc122

Task Scheduler

Windows XP

.JOB

Task Scheduler

DACL

JOB

DACL

f Windows 10

1.

1.1 Elevate Security

Phish5

5 2 Elevate Security

Phish5

Elevate Security

2017

Phish5