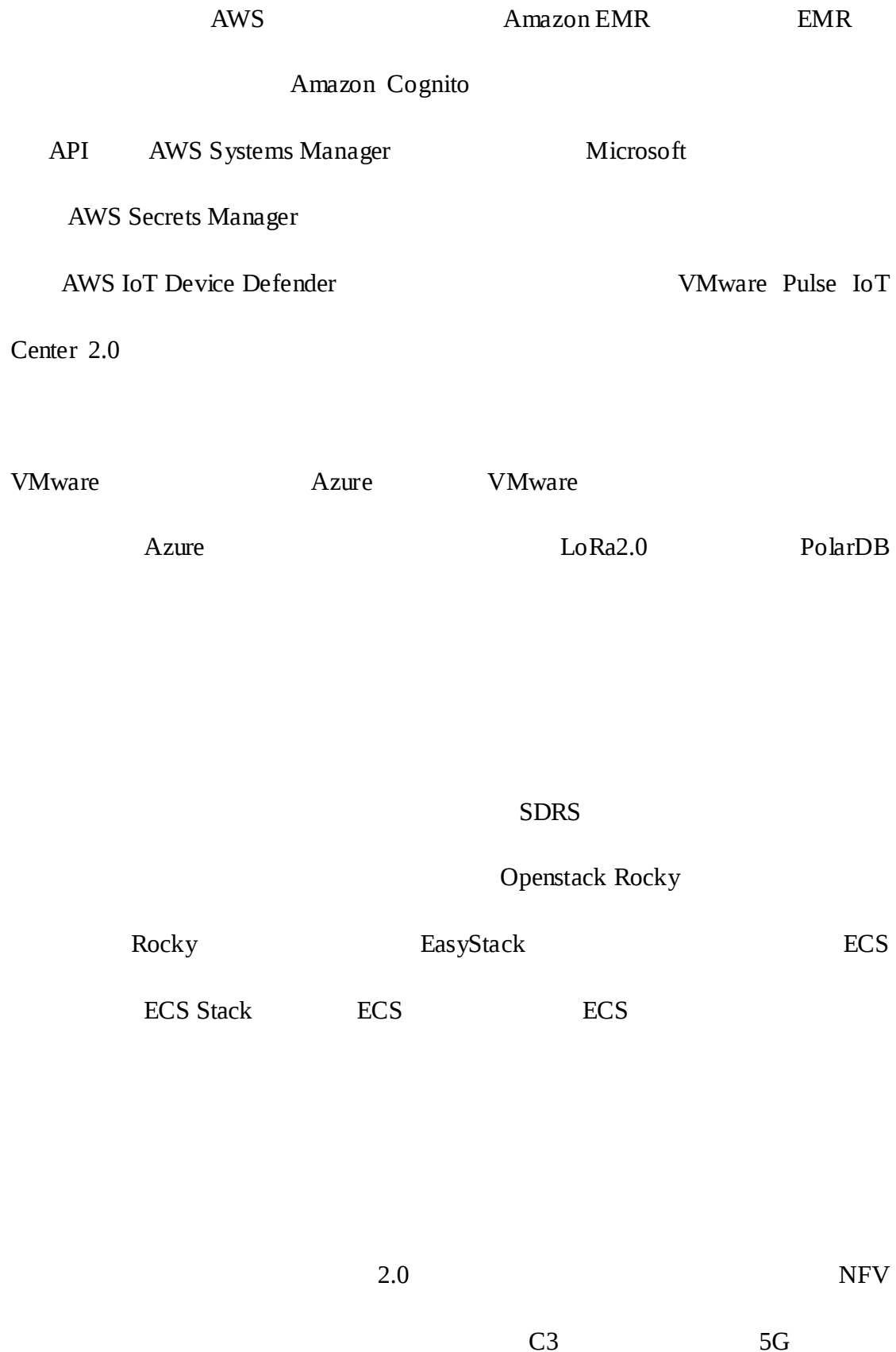


+

2019

5



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

5 20

AI

AI

OTT

TV

TV

AI

6.3

5 24

，

，

，

，

AI

，

，

，

，

，

，

，

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

+

2019

05

2000

/

IO

CPU/

LBaaS/RabbitMQ/Marriadb I1400EM>JT15 TJET197341

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

2.0

2.0

2.0

2.0

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

5G

5G

5G

+

2019

05

5G

5G

5G

5G

5G

5G

5G

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.

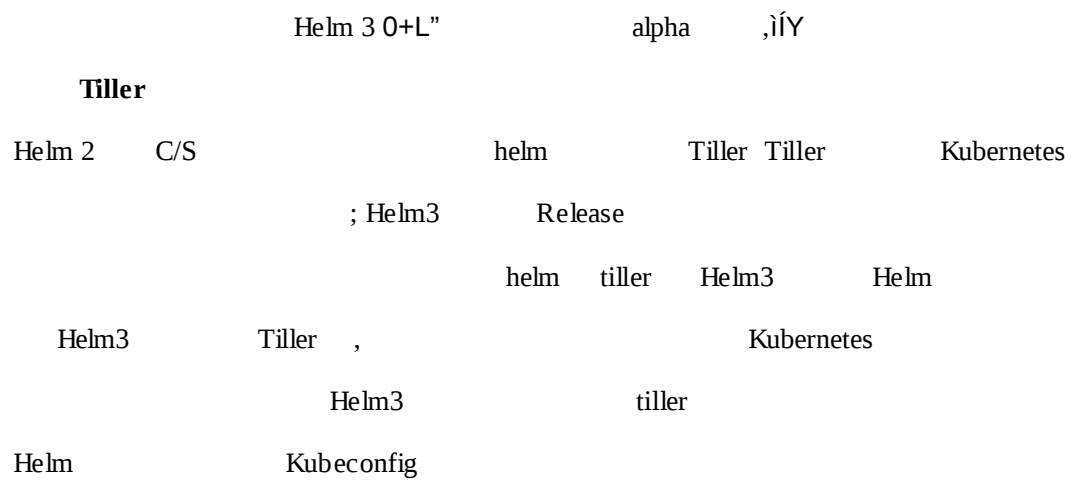
7.1

5 29 2019

5G

CPU

1. Helm 3.0 alpha



Docker Enterprise 3.0

Docker Kubernetes

Kubernetes

Kubernetes

Kubernetes 1.14 DKS

Kubernetes

DKS

Kubernetes

Kubernetes

Kubernetes

3. kubeCDN

Kubernetes

CDN

Kubernetes

CDN

kubeCDN

kubeCDN

Terraform

EKS

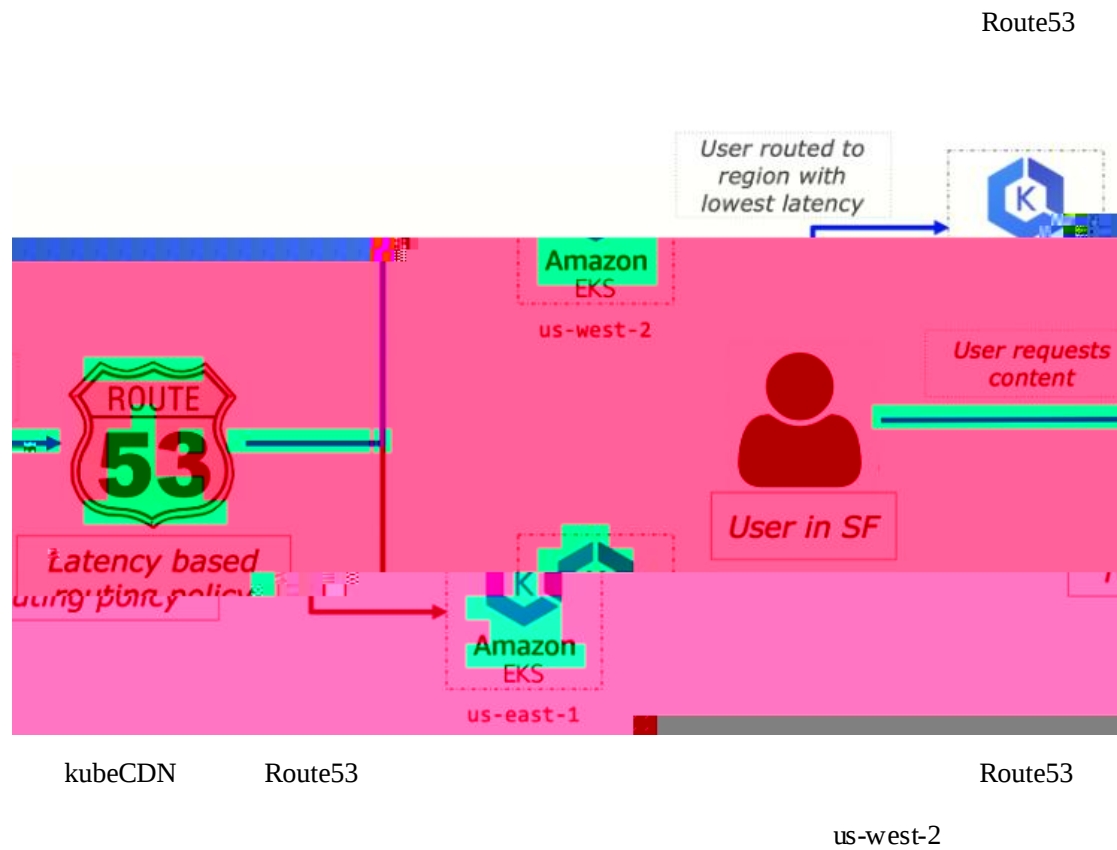
~~SECRET~~

Route53

AWS

DNS

A



kubeCDN

Route53

Route53

us-west-2

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 Scheduler

Windows XP

.JOB

Task Scheduler

DACL

JOB

DACL

Windows 10

1.

1.1 Elevate Security

Phish5

5 2 Elevate Security

Phish5

~~Elevate Security~~

2017

Phish5