

+

2019 5







AWS Amazon EMR EMR  
Amazon Cognito  
API AWS Systems Manager Microsoft  
AWS Secrets Manager  
AWS IoT Device Defender VMware Pulse IoT  
Center 2.0  
VMware Azure VMware  
Azure LoRa2.0 PolarDB  
SDRS  
Openstack Rocky  
Rocky EasyStack ECS  
ECS Stack ECS ECS  
2.0 NFV  
C3 5G



+

# 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 LoRa IP  
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

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

50% 100% 90% 20%

IEEE IEC

2019

AI

ModelArts

ModelArts

AI

- -

AI

AI

FusionPlant

ICT

## 1. Openstack

2000

/

IO CPU/

LBaaS/RabbitMQ/Marriadb I1400EM>JT15 TJET19734

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



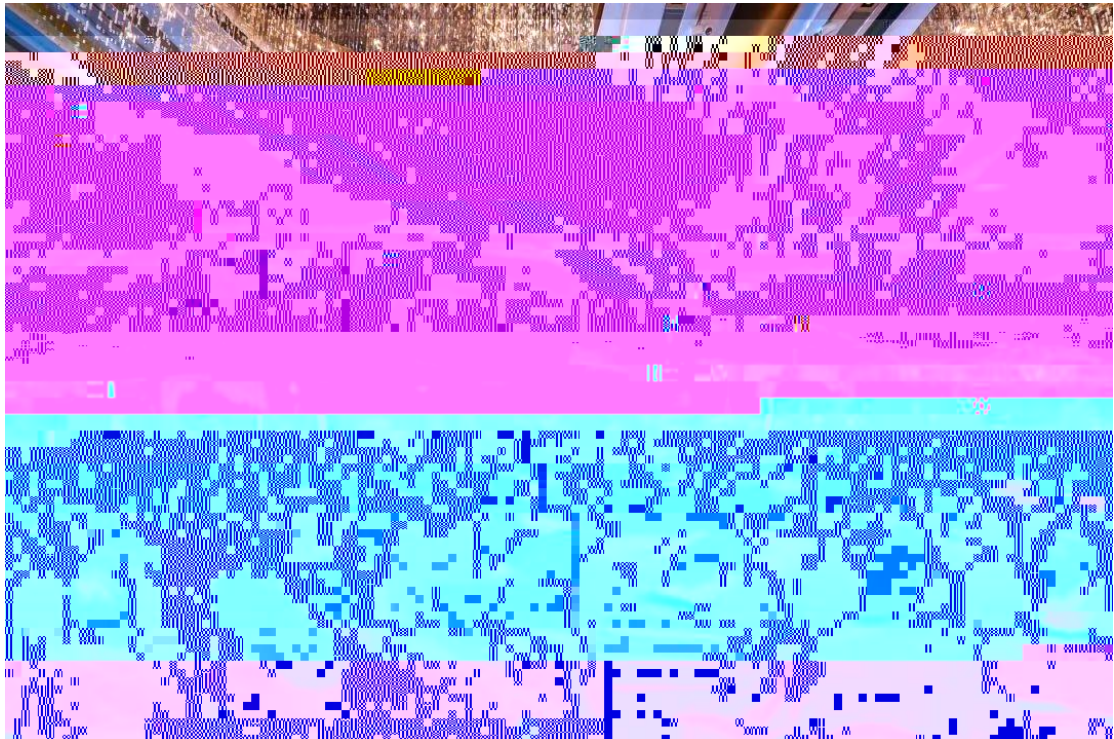
2.

2.1

**2.0**

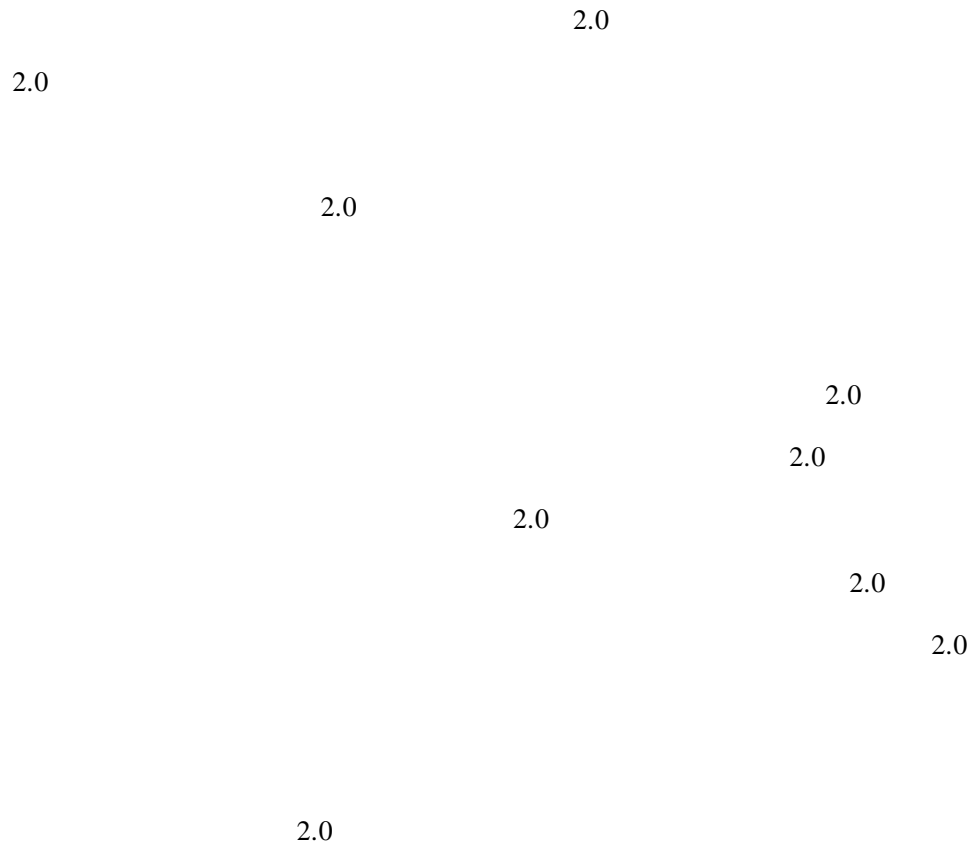
5 16

2.0

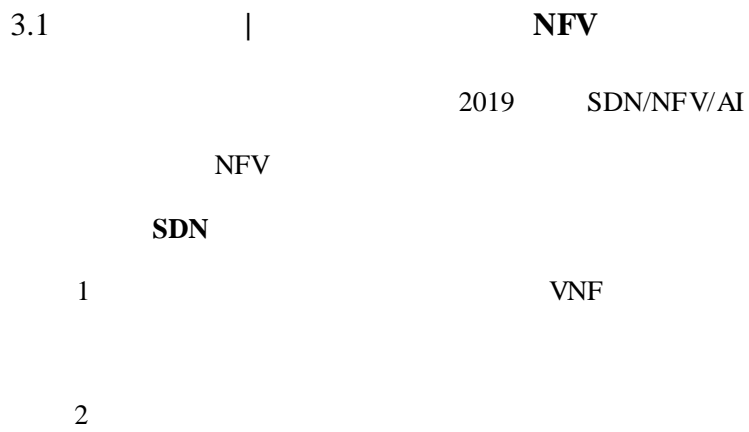


2.0

**CEO**



**3.**



**NFV**

2019 SDN/NFV/AI

NFV

**SDN**

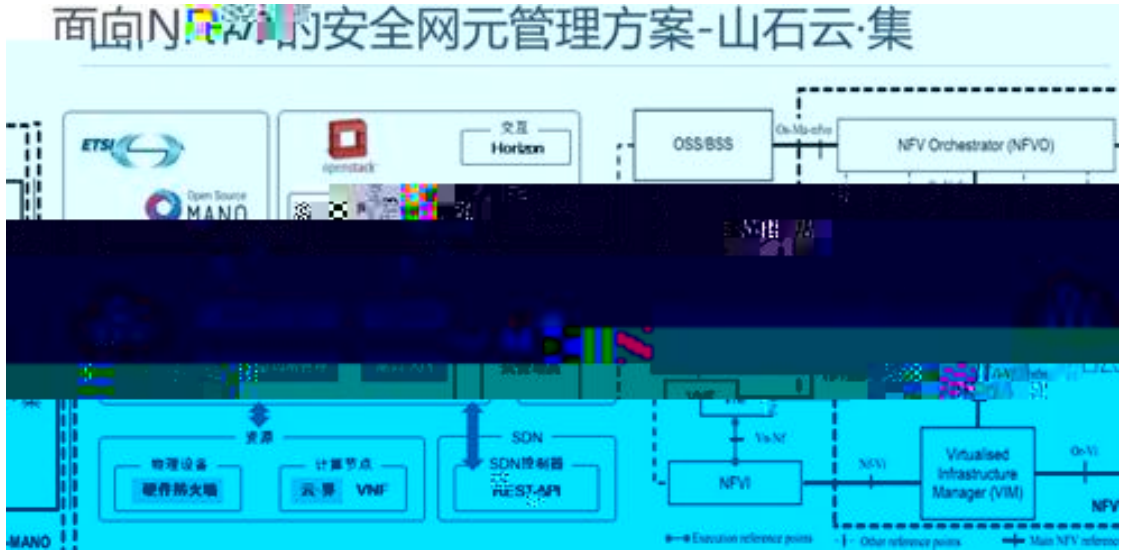
VNF

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

5G

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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**

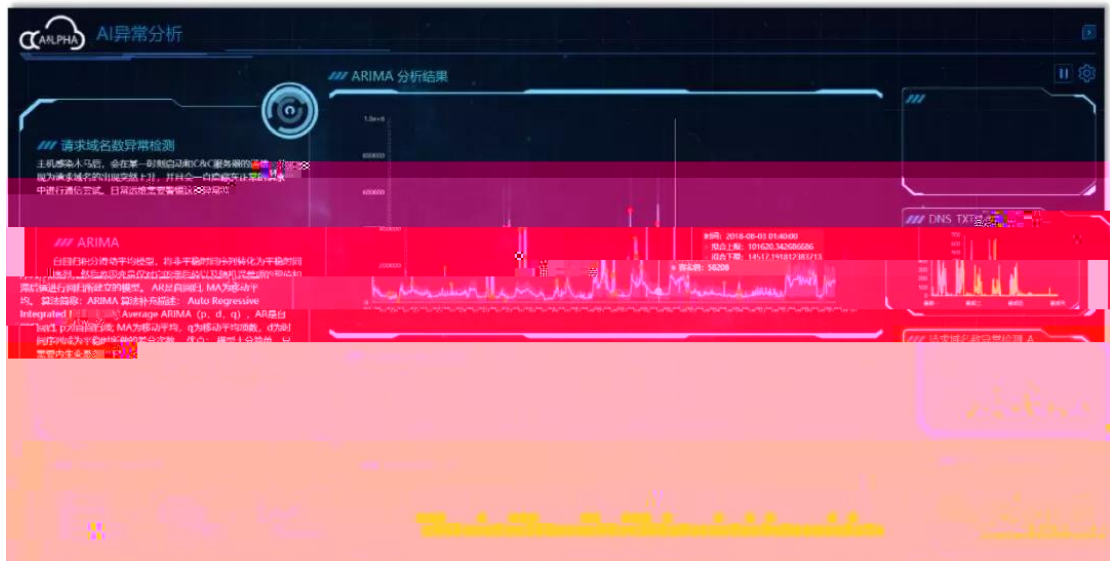
5 26 2019

AiLPHA

2019

AiLPHA

2019



AiLPHA

AiLPHA

## 7.

### 7.1

5 29 2019

5G



CPU

## 1. Helm 3.0 alpha

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

Kubernetes

DKS

Kubernetes

Kubernetes

Kubernetes

### 3. kubeCDN

### Kubernetes

### CDN

Kubernetes

CDN

kubeCDN

kubeCDN

Terraform

EKS

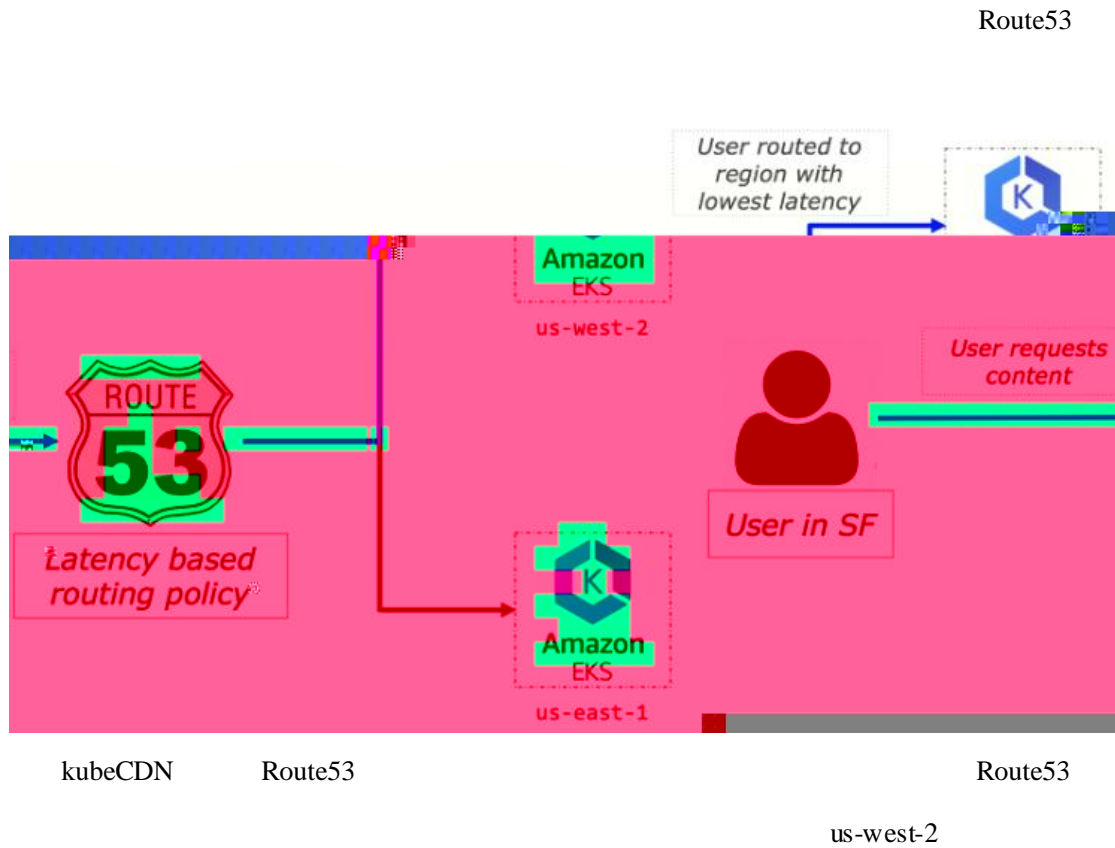


Route53

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

2.0

2.0

2019

1.0 2.0

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1.0

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1

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2.0

## 2. Windows

## WannaCry

WannaCry

Windows

5 15

CVE-2019-0708

2017

WannaCry

POC

WannaCry

GitHub

Star

## 3.

## 2011

Meltdown

Spectre

Foreshadow

ZombieLoad

2011

PC

## 4. Windows 10 Oday

SandboxEscaper

Windows

Oday

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  
2017

~~Elevate Security~~  
Phish5