

+

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

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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

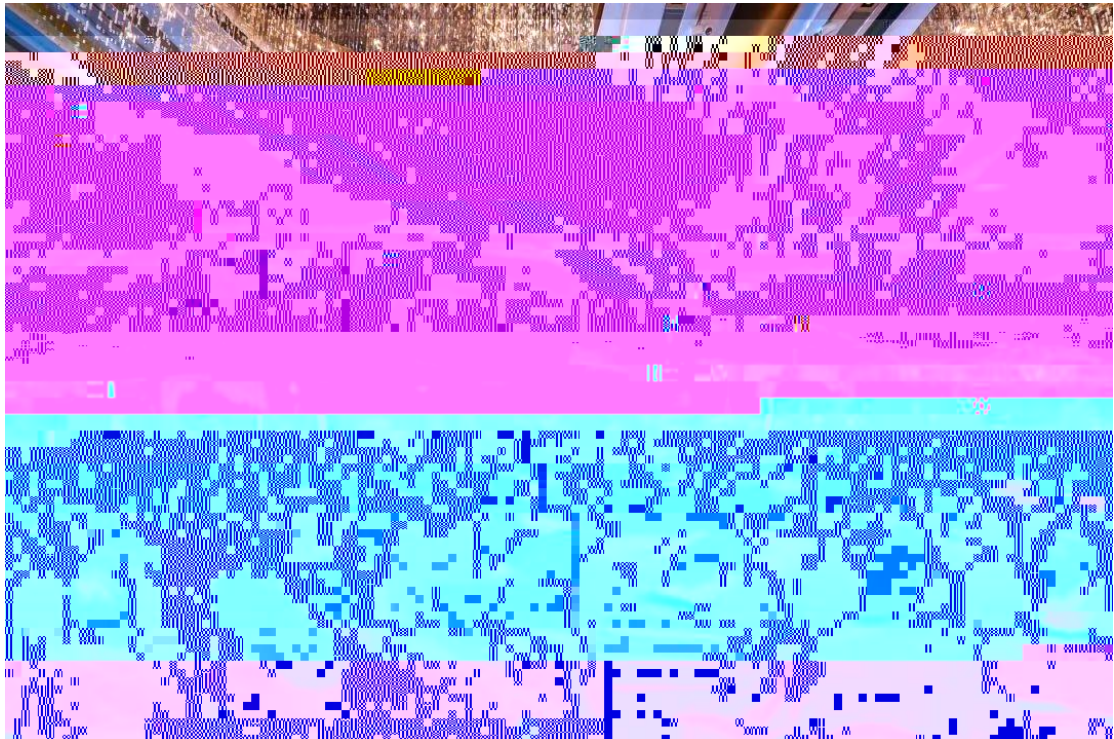
2.

2.1

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5 16

2.0



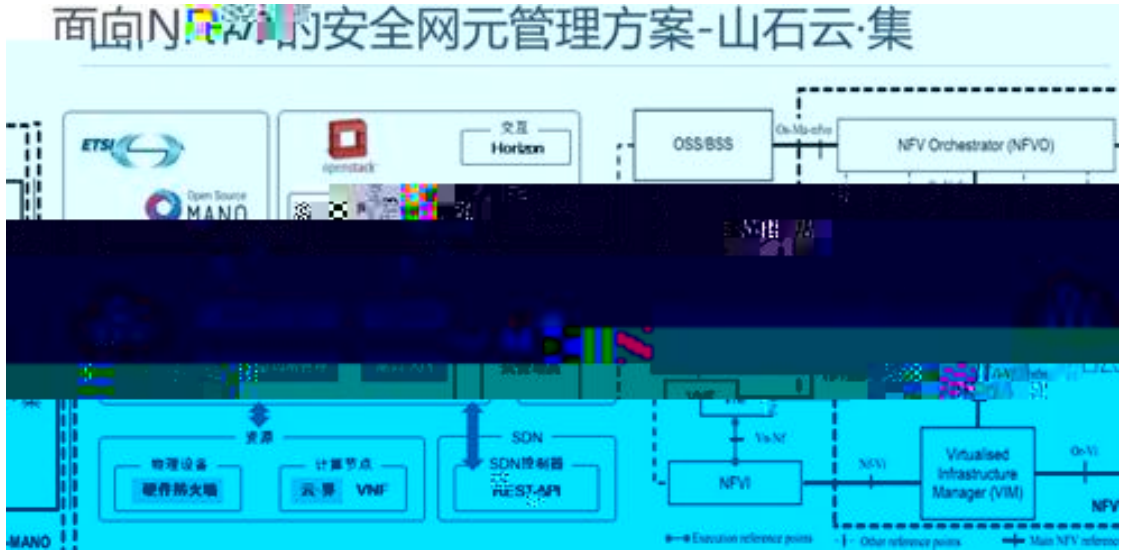
2.0

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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5.

5.1 **VirusTotal**

5 7 VirusTotal

POMA

VirusTotal

VirusTotal

VirusTotal

POMA

POMA

EXE PDF Office JAVA Flash

STIX

6.

6.1 **2019 AiLPHA**

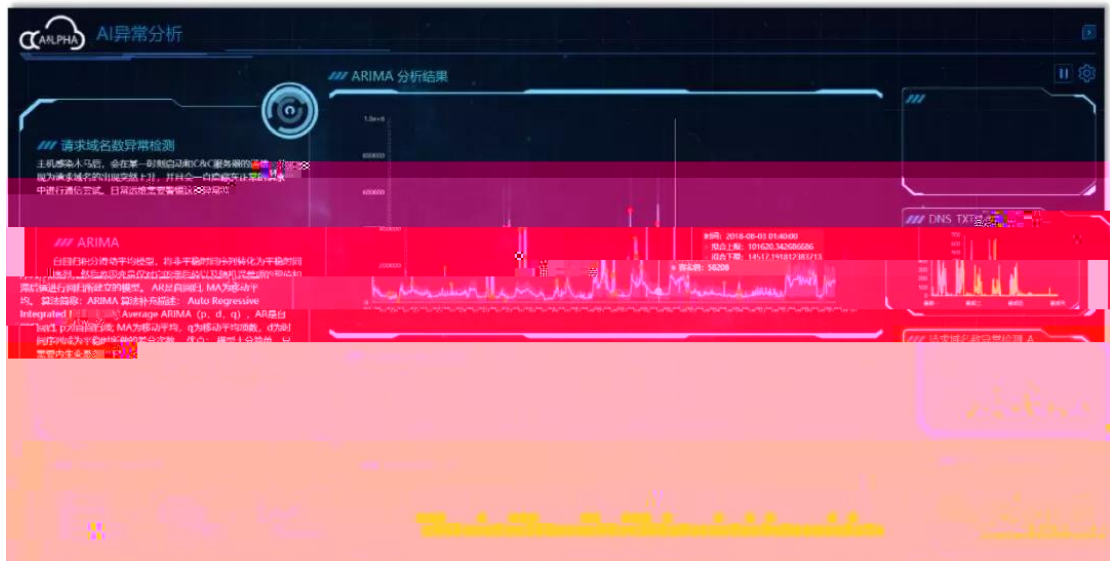
5 26 2019

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

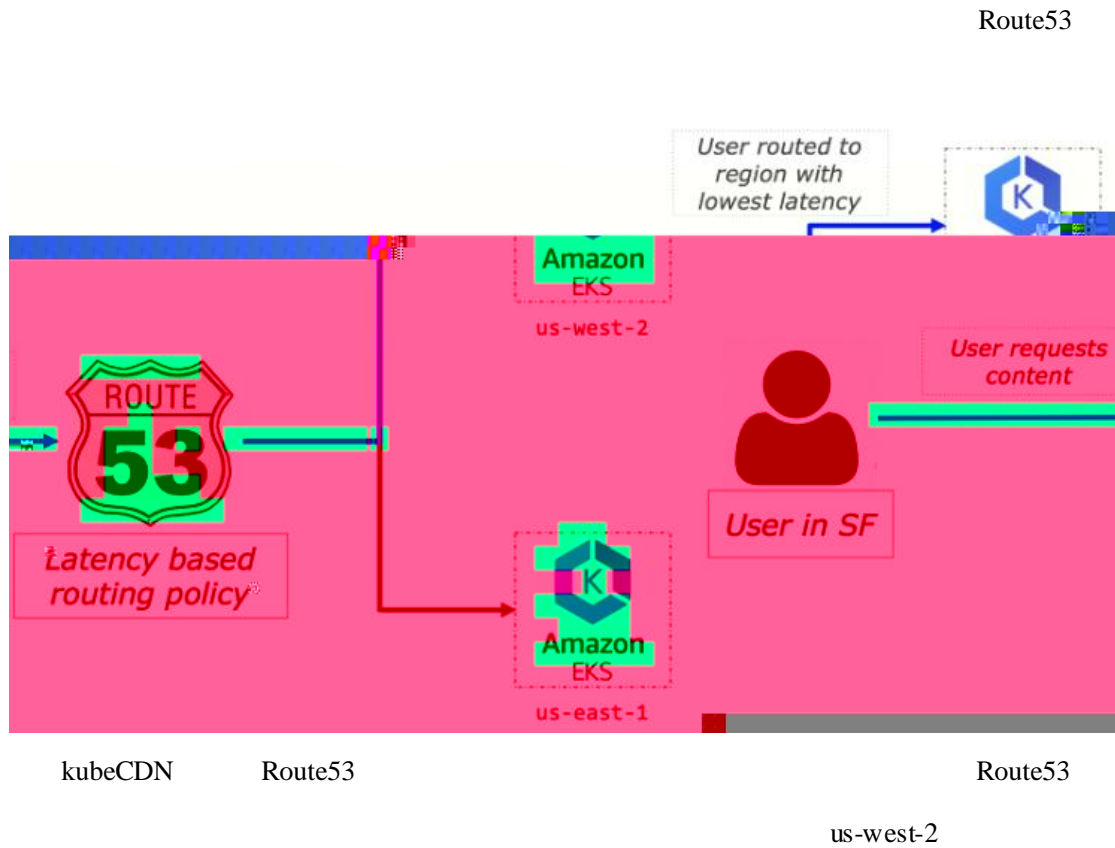


Route53

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

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2019

1.0 2.0

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1.0

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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 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
2017

~~Elevate Security~~
Phish5