ط ṕ Ɛ + ŋ ɹ

2018 11

Ɨ Ɛ ŋ Ɯ ʒ

ط ṗ Ɛ + ŋ ʟ 2018 1 ¤ göö · _ > OEà $ qô » Ð{Pô`

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ɣ ŋ ȁAWS ECS ˇ AWS Fargate ȁAWS Deep

Learning AMI ⁘ ą Chainer 5.0 ʊ Amazon Inspector Ŧ ʒ ᒣ

ᵀ EC2 ᵖ Ḥ ʃ ŋ Ţ VMware Kubernetes

⇔ ɨ Heptio Google Ɛ ʒ CEO ˘ ĸ ƀ

ᾤ خي ʔ ⁘ Ƕ Ɛ ΐ - Ɛ و פ ˆ ʽE ˜ ᵇ Ţ

ط ڱ ⁘ ʽE ƀ Ɛ Ƕ ˘ ,

ı ч OpenStack ŋ ẅ ʅ Â

Ɛ ˘ OpenStack Summit خي ط ˘ ê 2018 OpenStack

ɩ ʒ Ŧ Ceph ψ EasyStack ч ⇔ ψ ˘

EasyStack ↓ 2018 OpenStack ɩ ŋ ⁘ Ɛ Ţ ط

ɨ ˘ ɾ Ɛ StarlingX TSC Â

Ɛ ŋ ɩ ڱ ˘ Ɨ Ƕ ψ ŋ ı

˘ 50 ʼ ˘ ˜ Ɨ ŋ ˜ ɢ Ḡ 2.0 ɲ ṗ

Â ч ˇ ĸ C-V2X ε ε ˘

ƀ GITC 2018 ʊ خي ˘ Ḥ ч ˘

ľ 2018 Ţ ط ⇔ ɔ ʒ Ɩ Â

ʒ Aqua Security خي AWS ڭشھ ŭ ɢ ھج ŋ ˘

⇔ ھج ٦ ȳ Ɛ Azure Kubernetes ˆ AKS˜ ھج خي

Ţ طى ƺ ɛ Microsoft Azure ˘شم Ɫ ˘ ı Azure ٦ٖ

Kubernetes ˇ ˘ ŭ ٦ ȁ شم d Â AWS

ɢ Serverless ŋ ɦ ˆ microVM˜ Firecracker Â

ŋ ˘ ŋ Ƕ ƀ ŋ ˘ 25 ɢ طى

Ƕ ȁ ȁ ḱ Ḡ گ ŋ

ȁ ŭ ŋ ∟ ƀ Ƨ ˘ Ŧ˘ ᴍ ≢

˝Ḥ Ɗρ ı ΐ ȁ 2018 Q3 Android

320’ ɢ Ƨ 40% ȁ CPU Ŧ Â

ŋ ˋE˛ ˘ ˝ ŭ 4 ˇ 6 Ƕ ɒ Â ˘

ˋE˛ BlackBerry ɣ 14 ˝Ḥ ᴇ ŋ ˋE˛ Cylance

˘ ɔ ʒ ŋ ˋE˛ ForeScout Technologies ↕ ɣ 1.13 ˝Ḥ ᴇ

SecurityMatters ˘ ỉ ɪ 2 Ƕ ɒ ᴇ ˋE Â ˘ Ɛ ʒ

ŋ ٦ ˋE˛ Netskope ɣ 1.68 ˝Ḥ F ˘ Ɦ ɢ

ı Ɗρ ˇ Ɗρ Shape Security ˇ ŋ APT ɔ ٦ ˋE˛ XM

Cyber №≢ ɣ 2600’ ˝Ḥ E ˇ 2200’ ˝Ḥ A ↓ Ƕ ˆ ˆ Â

2018 11 30

Ɛ ŋ Ƕ ʒ

ط ṕ Ɛ + ŋ ɻ

῱ à Ɛ ɻ گ

1. AWS Ɛ ŋ

1.1 Amazon S3 ᒪ ᒣ خي ᒧ

11 2 ˇ Amazon S3 ᒪ ᒣ خي ᒧ à ≠ à à

Ţ ˇ ˇ S3 ᒪ ᒣ ⌠ ৬ ৲ Â

ᒣ ᔭ شم شم ˇ S3 ˇ ÂS3 ᒪ ᒣ

à à à ˇ Ţ Â

Amazon S3 خي ϧ ⁛ ŋ Ɛ ⁛ ˇ ῱ ŋ ˇ ᒣ

99.999999999% ϧ Â ΰ Amazon S3 ৬ à شم ৲ ˇ ط

Â ᒣ ᔭ ᒪ ᒣ ᒋˇ شم Ь S3 ᒪ ᒣ

ε Â

1.2 Amazon Inspector EC2 ᴅ Ḥ ⌠ ŋ Ţ

11 5 ˇ Amazon Inspector ŋ Ţ خي ί Ь ŋ

Amazon EC2 ᴅ Amazon (AMI) ID à ᴅ à Auto Scaling à Ⱨ Ɋ à

IP شحشم à DNS Ɋ ᔭ ID Â خي ᒪ ᒣ Ţ ˇ ˇ Ⅾρ ľ

Ḥ Ŀ ৸ ᒣ Â ˇ AWS API ˇ CLI

ˇ ᒣ ą Â

Amazon Inspector Ψ ᵀ ɢ ℊ Â ᵀ ⱪˇ

Amazon Inspector Ψ Ḧ π ᷒ ŋ ↓ Â ᒣ ᔭ

ο Ⅾρ EC2 ᴅ à à ὶ ɾ ŋ

à № ˇ π ᷒ Â

1.3 ᒣ خي AWS Deep Learning AMI⁛ ą Chainer 5.0

11 5 ˇ ɢ Ubuntu ˇ Amazon Linux AWS Deep Learning AMI خي

Python 3.6 ˇ iDeep 2.0 Chainer 5.0 Â Ь ὶ ɾ ῱ ˇ Deep Learning AMI

˘ ɔ ɨ п ı Chainer 5.0˝ ي Amazon EC2 CPU ˘ GPU ␡

Â

˘ AWS Deep Learning AMI TensorFlow à PyTorch ˘ Apache MXNet ỉ

ɾ ˘ ␡ ɔ ɨ ˘ ي ₃ № ṗ ᴧ ㄱ ŭ

ق˘ Ƣ ˜ĦN№ ≠ Amazon EC2 ᴅ Â

1.4 Amazon API Gateway AWS WAF

11 5 ˘ ي ㄱ ᵞ ي Amazon API Gateway Ţ ч API Ⱡ AWS WAF˘

شم Ḡ API ₀ Web Đ ρ Â

AWS WAF w̄ Web ˘ ˜Ħ ↕˘ ʉ ↕ ˘ ʉ

ʁ ˜Ħ à ^ ˜ Web ˘ Ḡ Web ˘ API ₀ Đ ρ Â

ㄱ ᵞ AWS WAF ɢ Amazon API Gateway API˝ ᵞ SQL ˘

(XSS) Đ ρ Â ˘ ㄱ ᵞ ą ↕ IP شحشم à شم ᶺ à ˘ /

Ɏ ↕ Web Â ㄱ ᵞ ʁ ي HTTP

Ⱨ ␡ ˘ ˜Ħ ⇔ ↕ ㄱ à ق ṗ Ɠ ق

Đ ρ Â ㄱ ᵞ ≠ AWS Marketplace␡ ↕˘ ᴧ Ḡ API ₀ ˘ ᴅ

OWASP 10 ŋ ˘ (CVE) Â

1.5 Amazon RDS for Oracle ي ق

11 6 ˘ Amazon ˘ ą ʉ MAX_STRING_SIZE

ч ľ EXTENDED Ŀ ˘ Amazon RDS for Oracle ق Â ق˜Ħ

VARCHAR2 àNVARCHAR2 ˘ RAW ↓ ⌈ 32767 Â ㄱ ᵞ

ق ƀ ą Oracle 12c Ⱨ ᴅ Ʉ ą Â

1.6 Amazon Inspector ₮ ɔ ㄱ ᵀ

11 8 ˘ Amazon Inspector ي ą ľ ㄱ Ŀ ↨ ㄱ ᵀ˘

↨ ㄱ ≠ VPC Amazon EC2 ␡ ˃ ˘ Â˘ ي

Inspector ㄴ ㄱ Ţ Đ ρ ₃ Й˘ ㄱ ᵞ № AWS ˘ ᵞ ≠ ㄱ Internet

^ VPN à Direct Connect VPC˜ Â

ą ㄱ ↨ Amazon Inspector ᵀ ㄱ AWS

` Ʉ Â ᵀ ψ ˘ EC2 ␡ ㄱ ˃ ᵞ ˜Ħ

ʾ ˘ ɣ Δ ⅞ ∟ Â ᄀ ‡ ą

AWS ᄀ ŋ ⅞ Ţ ˘ ⅞ ɋ ẅ ą AWS Â

ᄀ ᵀ ψ № Amazon Virtual Private Cloud (VPC) ȁ ŋ ȁ ∟ ↓ (ACL)

ˇ AWS ˘ ɣ ᄀ ʾ Â

ą ᄀ ‡ ˘ ᄀ ɣ خي EC2 ᵘ⁚⁚ Inspector ᄀ ɣ Ɔ ȉ ɪ Ḥ Â

ı . ɢ ≢ خي ᄀ ʾ ⁚⁚ ɳ Ḥ Â ą Inspector Ɦ ᵀ

‡ ˆ ˇ (CVE)˜ ˘ ˜ Amazon EC2 ᵘ⁚⁚ Ḥ Â

‡ ᄀ ɣ EC2 ᵘ ᄀ ɣ ᵘ Ţ ˇ Ƀ

ŋ ˘ ɢ ŋ شم ʒ خي ŋ Â

1.7 AWS Secrets Manager CloudFormation ɣ ŋ

11 12 ˘ Ƀ AWS CloudFormation ˘ AWS Secrets Manager

شم ɣ ŋ AWS Â ᄀ ɣ ⇔ ˇ AWS

˘ ᵘ ₡ Â

AWS Secrets Manager ᄀ ⇔ ˇ Ḡ ˇ IT Â

AWS Secrets Manager Ƀ AWS CloudFormation˘ ᄀ ɣ ą

Fargate ˘ ᵖ ȁ ĸ ɥ ȁ ĸ ȁ ˇ ھج ᵖ Â ᵓ ɣ شم№

ȁ ᵓ ȁ ˇ ≢ ھج ɪ ȁ ɪ

Heptio ч ą Kubernetes ɔ ʒ Ғ ʒ ˘ ч Kubernetes ˇ ṕ

ھج ȁ ˇ ÂVMware ≠ Ɛ ȁ شم ˇ

Ƕ Ь ˘ Kubernetes ʒ ˇ ≠ Â

l' Kubernetes

Ɨʊ Â

ˇ ˇ ˇ L L

ɥ Â ˋE„ ɢ ʔ ˋ خي گ L ˇ Â

ˇ ˋE„ ƀ‚‚ ˋE„ ɢ Ɛ ʔ ȁ ȁ ȁ5G

ˇ ˝ Ƨ ľ Ɛ L خي ʒ Â

6.2 , ı

خي 11 19 ɵ Ţ ط ‚‚ , Ɛ ◖ ǖ h ,

ɾ ʒ Ɛ خي ˋE ȁ ˊ ȁ حيگ شه Ǐ ̧ , w̄

شه —— , Ŧ Ɛ Ŧ ƀ

ψ , , ч ı ˋ Â



ч Ŧ ʼ , Ɛ ч . ȁ ȁ № ȁ № ǖ ɣ Ḥ

ʼ , Ɨʊ ʔ ȁ ǖ ʔ ȁ ƀ ȁ

№ ƀ ʔ ı , w̄ м ȁ w̄ ʊ ȁ w̄ ȁ ʒ

, ч ˋE ȁ ˊ ȁ حيگ Ŧ ȁ گ ȁ м ≠ ɣ

ˇ Â

7. ɯ Ɛ

7.1 ɯ OpenStack ŋ ɯ̄ ʔ

11

IT ʒ ɹ Ţ ʒ ≢ ˘ ᵖ OpenStack ﻫﻲ ʒ

˘ 2017 3% ˥ 2018 8% Â ï Ţ ๆ . Banco Multiva, à

eBay Classifieds Group àProgressive ŌPro

Kubernetes OpenStack Ɛ

ﻲ 2018 OpenStack ɹ Ţ˘ OpenStack Ɛ Ironic ɒ

˘ 24% Ironic˘ 2016 ɢ ɒ ч 9% Â Ironic ч

OpenStack Ţ OpenStack ɒ ң ŵ Â ɢ ﻲ OpenStackɻ̓ː

Kubernetes ˘ Ironic ą ɒ ˘ ⌈ 37% Â ч OpenStackɻ̓ː Kubernetes

CNCF ĭ˘ Magnum ą ˘ ɒ ⌈ 16 ˍ Â

OpenStack Ɛ OpenStack

ɹ ҕ OpenStack ﻲ Ɛ Ţ Ɦ ﺶ ﻳ ą OpenStack

Ɛ Â

ﻲ Ţ˘ 78% OpenStack ч Ɛ Â ĭ Ţ˘ 44% Ɛ ̀E

Ɛ AWS˘ 28% ҕ Azure˘ 24% ҕ Google Â^ ŵ ˘ ﻲ

OpenStackɻ̓ː Ɛ ч 58 ˍ Â

OpenStack ﮓ Ղ˘ TOP3 ҕ

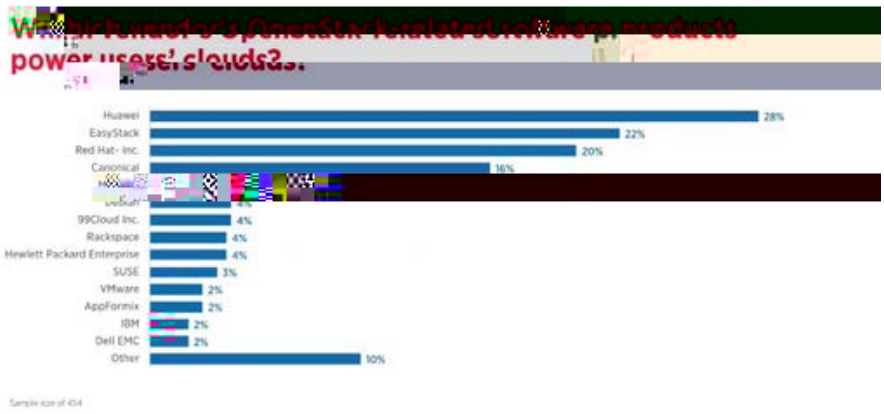
ﻲ 2018 OpenStack Ţ˘ ч ҕ OpenStack Ƅ ﺶҕ ʒ

˘ OpenStack Ψ ﻳ ﻵ Ţ ľ ى ﮓ OpenStack ľ

№ ч ң ɢ ŵ ɢ ľ ą ҕ ى ɒ ﮓ OpenStack Ɛ ך Ŀ

ˆ ŵ ɢ ľ OpenStack Ɛ ך ɒ ﮓ Ŀ Â





ﺨﻲ ƀ Ţ˘ ˜ ɢ OpenStack ɒ ﮓ Ɋ ɩ ч ľ EasyStack̂

Ɛ ˜ ƀ ч ˇ ẅ ч ɩ ⸙ OpenStack ɒ ﮓ Ɋ

Ʉ ч 2017 ˇ 2018 ɥ ŋ ẅ Ɋ˘ Ɋ ⸙ Â Ɩ

ṿ ˜ ˘ Ţ ط ɔ ʒ ẅ OpenStack ψ ɩ ﮓ Ɋ

ɥ Ɋ˘ ˜Ḥ№ Ŧ Ţ ط ẅ ﺨﻲ OpenStack ⸙ ˘ OpenStack

ч Ţ ط Ɛ Ʉ Â

ч Ţ ط Ɛ ⇔ ʒ ɔ ʒ ˇ Ғ ʒ Ɛ˘ EasyStack ⸙ ˘ ʒ ɒ ˇ

Ceph ˥ Â Ɛ EasyStack ƀ ǐ 30 ŋ ɥ ⇔ ψ ˝ Ƨ Ceph ψ Â



Ceph ɯ̄ ɞ ɯ̄ № ˘ ʒ ȁ ȁ ˇ ɒ Â Ceph ˘ ɾ ɿ ˘ ʒ خي Ɛ Ţ ɔ ʒ Ḥ ˘ ɥ ĸ ȁ ɒ ˇ ɿ ˘ ƃ Ɵ شم Ɛ گ ˇ ɔ ʒ ą Â Ceph ψ ɣ ɯ̄ ȁ ƀ گ ˜ ˇ № ˘ ɣ ą ˥ ˥0 ˘ ɢ ɞ Ceph ǖ ƀ Â

ɥ Ţ ط Ɛ ˘ Ɛ EasyStack ƀ ɯ̄ ƀ Ceph ˘ Ceph ɿ ˘ Ceph ɥ Ɛ ɿ ɒ˘ ɪ ⇔ ˘ ƀ ɲ ɪ Ceph خي EasyStack Ɛ ɿ˛ ˇ ɿ ˘ ɥ ȁ ȁ ∟ ɔ ʒ ȁ ȁ ɾ Ɛ Â

Linux ψ Ƕ Jim Zemlin "Ceph خي ɔ ʒ ˇ ɣ ˘ خي Linux ψ Ǐ˛ Ceph ψ ≠ ɨ Ceph Â"

Ceph Ƕ ⇔ Sage Weil "Ceph ψ ʒ ɯ̄ ɞ ˝Ḥ ɪ ˥ خي˘ Ɵ ˝ Ƨ Ƕ ɢ ˇ Â"

Ɛ EasyStack Ƕ ⇔ ˋI CTO ↔ ط ľ ɥ Ţ ط Ɛ ˘ EasyStack ɯ̄ ˥˘ ɪ Â ɥ Ceph ψ ⇔ ˘ EasyStack ɢ Ceph ˘ ɥ ɔ ʒ ȁ ɿ ȁ Ɛ ƀ Â Ł

2.2 EasyStack ↓ 2018 OpenStack ʟ ŋ ̂̂̂

11 13 ˘ OpenStack Summit خي ط ˜ ˘ OpenStack Ψ خي Ψ̇̇ ̆̆ ê 2018 OpenStack ʟ Âخي ƀ OpenStack Ţ˘ 22% ʒ Ɛ EasyStack OpenStack Ð Ɛ ˥˘ EasyStack نخ خي ʟ Ţ ↓ ŋ OpenStack Ð ڱ Ҥ Ɋ Â

ч OpenStack Ψ ŭ̆ 11 ŋ OpenStack ˘ ʟ ʒ 2017 8 2018 8 1483 м ˥˘ ŋ 63 ɑ ط ˘ شم ˥ 858 ɑ ˘ 441 ɑ Â ˘ ʟ OpenStack خي ŋ ŭ̆ ȁ ȁ ȁ ɣ ڱ Ɋ ʒ ŋ № ƀ ˘ 2018 ŋ Ɛ شھ ʟ Â

ʟ ˘ OpenStack ŭ̆ Ţ ̀Ɛ̣ ˘ ɔ ʒ ˘ ɢ к ˘ ǐ Ţ 75% شم Ɛ Â OpenStack TOP3 w̄˘ ˥ ɔ ʒ Ҥ˘ ɔ ʒ ⇔ ̂̂̂ ˘ ˥ ɣ ڱ Â

ʒ ŋ Ɛ Â

̂̂ ȁ Ɛ ŋ ɨ ڱ

1. Ɨ

1.1 Ɨ ɨ ɯ̄

Ɨ ŋ Ţ ɩ ɩ ˘ خي ɩ Ţ Ƀ Ƕ Ƃ ǫ̀ ŋ ˘

Ƕط ṗ п ŋ ˘ ч ǚ Â ˘ Ɨ ̄ ŋ

Ţ خي ŋ طƟشم شم ˘ ч ȁ Ɛ ȁ Ţ ǐ ɾ ˜ Ḥ

ŋ ȁ Ḥ ˘ ˘ ɩ ŋ Ṝ ȁ ŋ Ɩ ŋ

ȁ ȁ Â



Ɨ ɨ ɣ ɩ ̂̂ ŋ Ɩ ч I³ ˘ ɢ خي Ɛ ȁ

ȁ ȁ ʒ ɛ ȁ ˜ Ḥ Ḡ ȁ ɛ ŋ ǚ ˘

ɣ ǐ ŋ ŋ ɨ ч ˘ ɩ ȁ ɩ ȁ ɩ ŋ ʊ

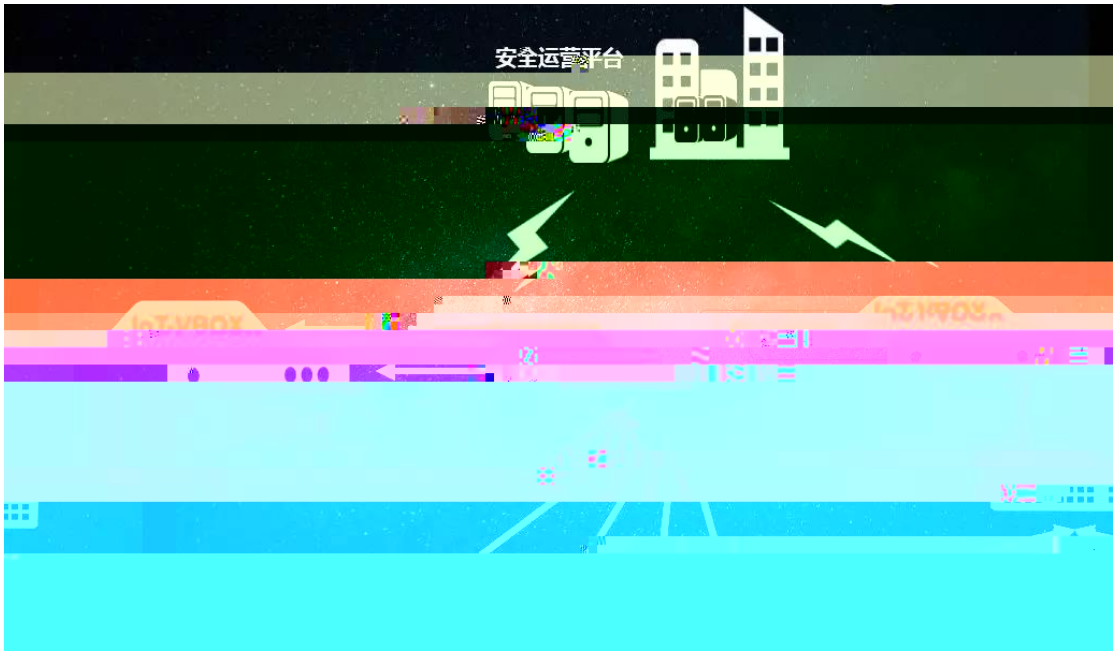
˘ ŋ ʒ ŋ ŋ ˘ ŋ ˘ ŋ

ɴ ŋ Â

1.2 IoT-VBox ↨ ↨ Ƃ˘ 50’ ˛

خي ɩ’ + Ɩ Ǐ˘ ʒ ȁ ȁ ȁ ʒ

˘ ʒ ȁ`Ɛ ȁ ȁ ʒ ɩ Âخي ʒ ˘ Ǐ˘



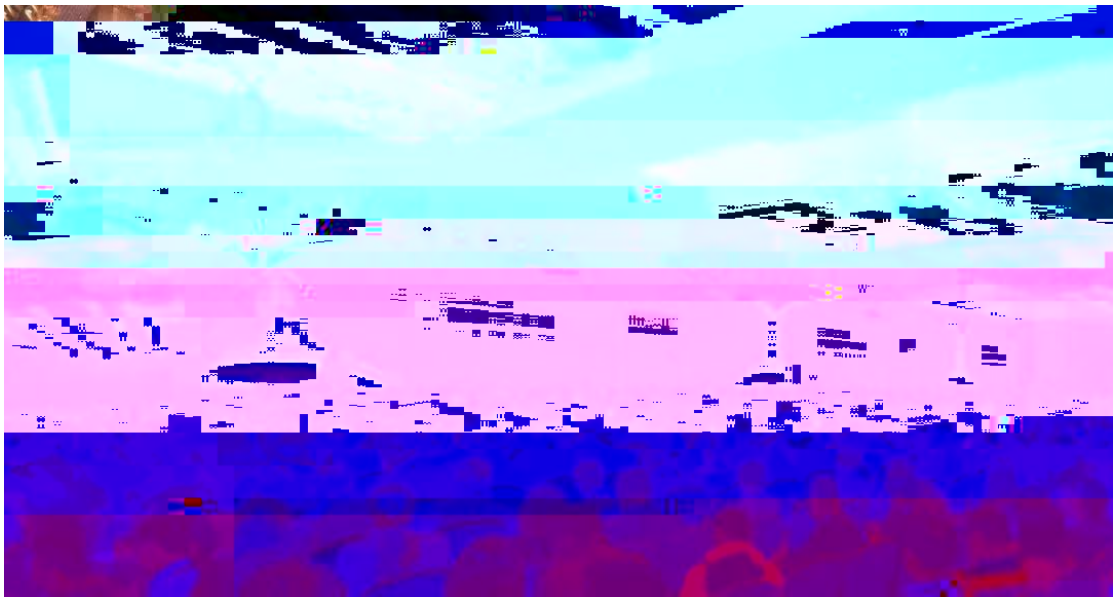
خي ч Â ɢ ṗ ˆ Payload˜ ч ˘

ч1 ı ˘ Â

1.3 Ƚ ŋ ˘ ɢ Ḡ 2.0 ɲ ṗ

Ḡ 2.0 ꟼ Й̧ ʒ خ ˘ ľ ̂ ̂ ẅ ẅ ˘ ꝏ

ꓘ ẅ Ɛ˘ ч ľ ̂ ̂ ̂ ̂ ẅ ŋ Ɛ Â



ı ı˘ ʟ ʒ ẅ ˘ Ƨ ч

ŋ ʒ ı ʟ Ḡ ˘ ꟼ ɣ ˘ Ḡ 2.0 ẅ

ŋ ꓘ Â

等保 1.0 时代	VS	等级 2.0 时代
■ 五个规定动作： 定级、备案、建设整改	工作内容	■ 满足等保 1.0 时代 5 个规定动作。 ■ 增加了：风险评估、安全监测、通报预警、案事件调查、数据防护



ɛ̃ Ḥ ɧ Ʊ ʿE ʌ Ḥ à Ḥ à à à

ʿE Ƕ ʒ ʒ Ḥ ʒ ʟ ɾ w̄ ʊ̆ ŋ Ƕ ˘

Ψ ʒ ˘ ط à à à Ψ à ı à ط à ɣ

و Ƕ Â

1.4 Ł CERNET Ţ شم ʿ 2018

CERNET Ţ شم ʿ Ţ à HERNET Ţ

CERNET Ħ Ħ ˘ Ţ ط ˘ CERNET Ţ شم ʿ 2018

خي ɛ̃ Â Ł Ḥ ŋ ʿE ₮ ˘ شم l' Ƕ ¥⇔

¥ Ḥ ı 2.0 Ł w̄ ˘ ƀ Ψ ˘ № Â ˘ Ł

‘ ɿ + ’ ŋ ˘ ч à à ʟ ı

ŋ ˘ Ḥ ı 2.0 Â

2. Ķ

2.1 ч ˘ Ķ C-V2X ε ε

˘ ɢ Ţ ط LTE-V2X Ł ε ε ˘ ʌ Ḥ ˆ ˜ à

گ̌ ȁ ɩ گ̌ ɛ ɛ ɛ̀ɛ̀ ̀ ̀ Âɛ̀ Ţ˘ ч ˇ

ĸ C-V2X

Server ˘ ŋ Ţ ط شھ ɣ ط ȁ ȁ V2X Â

3.

3.1 Ƀ GITC 2018 ̈

ɣ ľ ⇔ Ł ч Ɦ 2018 GITC ŋ ɛ Ψ ɢ 11 ŧ

ľ 2018 Ţ ط ⇔ ο ʒ Ł ̵ Â Â

ⱡ ȁ ⱡ ŋ

1. Ɛ Ψ Envoy ľ ʒ Ł

Ɛ Ψˆ CNCF˜ ˘ Envoy ꟼ ч ȉ Kubernetes ƀ Prometheus ӊ Ϫ ⸙ ɢ ʒ Â

Envoy ⱨ ƀ ꟼ ˘ ӊ ɛ ɣ Ḡ

ɦ ɢ ą ˆ AWS ˜ ˘ Aqua ɢ Ɨʊ Ɛ

Â

ʒ ɩ Ǔ

ɪ Ғ ɢ Ƀ ɮ Â

Firecracker ɒ ғ Ḡ Â

Ɦ ɮ ĸ ˘ Ƀ Ψ ⇔ Â ɢ ɢ Â

Firecracker Ʊ ̀E ɒ ᄀ ᄁ ŋ شم

Â

Ɲ ȁ ŋ

1. 25 ɢ ط Ƕ

Ƕ ط ط خ e ȁ MeriTalk 2018 11 20 ᄁ ˘ 11 19

˘ 25 ɢ ط ˝ Ƨ ʒ w̄ Ƕ ˘ خي Ƕ Â

Ɥ ȁ ɪ ˇ ط ᄁ ط Â

2017 Ƚ ɮ Ƕ ˆ PESCO˜ ˘ w̄ ̀E Δ 17

ɢ ˘ Ƕ Ţ ̣ ʒ̂ 17 ɢ Â ̣ ȁ ȕ

˘ ᄁ ȁ ȁ ˇ Â PESCO ą ط خي ŋ ˇ ط

Ƕ Â ̏Ḥ ˇ ط ˝ Ƨ ȕ ˘ ˝ Ƨ

˘ ȉ Â

2.

6. CPU Ŧ

ŋ ǖ ʒ ɯ̄ ɞ ɲ CPU ˘ ɯ̄ ɞ Ƕ Â

ᄀ ą ᴅ̣ ᴓ ɯ̄ CPU ṗ Ţ ǐ ɪ Ţ Ŧ0 Ḡ ˆ

˘ ˜˘ Ƚ CPU Â و Ɂ ч PortSmash CVE-2018-5407˜˘

خي ↓ ч ƀ Meltdown ˘ Spectre ᴓ ≢ Â

7. ǖ ŋ ˘ ɷ Java Script ↕

ZDNet ˘ ʒ ɷ ɢ Ḡ Google ŋ ˘ ƀ

ɢ Ɣ Ḡ ˘ ɢ خي0 ʃ ᴅ̣ Ɣ Â ɯ̄

خي ɷ Ţ JavaScript˘ Ɥ Google ƀ ̈Ḥ ÂGoogle ą JavaScript

№ ˘ JS ˘ Ɥ Â Ƕ

خي Google Play ŋ Google Play Protect Ţ ↓ Ŧ خي

⁘ ɐ Â ⁘ Google خي ŋ Ţ ↓ Ŧ ᄀ ɣ

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Ɛ ȁ ŋ ȁ Ƕ ɐ

1.

1.1 Threat Stack Bluefyre

11 8 ˘ Threat Stack Bluefyre ˘ ᴇ ̀E ÂThreat Stack ̀E̤ Ɛ

ŋ ᄀ˘ خي ʟ Ɛ ı ı ÂBluefyre ǖ Ƕ

˘ ŋ ȁ Cloud Native Â

1.2 ForeScout Technologies SecurityMatters

11 8 ˘ ForeScout Technologies

ForeScout Technologies ⇔ ɢ 2000 4 ˘ ɢ ط San Jose˘ ₩ ο ʒ

ŋ ̀E„ ˘ ₩ ŋ Ḡ Ḡ ŋ ÂSecurityMatters ₩

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1.3 SolarWinds 8MAN

11 15 ˘ SolarWinds 8MAN ˘ ᴇ ̀E ÂSolarWinds

ŋ ᵭ ˘ SolarWinds ﺧ ı ƒ ο ʒ ˘ ὶ ο ʒ Â

8MAN ₩ ̀E„ Â

1.4 BlackBerry Cylance

11 16 ˘ BlackBerry Cylance ˘ ᴇ 14 ˝Ḯ Â ̀E„

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2.

2.1 Shape Security 2600’ ˝Ḯ E

11 1 ˘ Shape Security Baseline Ventures ˘ ὶ ɪ 8 2200’ ˝Ḯ

E Â Shape Security ₩ ɛ ŋ ̀E„ ˘ Ғ ɢ ı Ⅾρ ˘

Ⅾρ Â

2.2 Netskope 1.68 ˝Ḯ F

11 13 ˘ Netskope Accel ˘ ὶ ɪ 6 1.68 ˝Ḯ F ÂNetskope

ᾠ Ɛ ʒ ŋ ɲ ^ Cloud Access Security Broker, CASB˜ Â Netskope Ɛ

ŋ ɲ ą Ɛ ı ʒ ˘ ŋ ˘ ˜ Ꮒ Â .

1. APP/SaaS ʒ ὗ ˘ ᵀ˘ ғ ₣ ₩ ɢ ᴇ Â

ɲ ɣ ɢ ᴇ ` APP/SaaS Â2. ɢ ᴍ

ʟ Â Ɛ SaaS ƀ ˘ ƀ Ƹ ʒ ƀ Ƹ ˘

Â SaaS ﮓ ɣ ʟ Â3. ˘ à

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ŋ Â 5. Ɛ,ʻ,ʻ ɒ ˘ ŭ ˘ Ɛ ṗ ɒ Â

2.3 Automox 930’ ʻĦ A

11 13 ˘ Automox Blue Note Ventures ˘ ǐ ɪ 3 930’ ʻĦ A

Â Automox w̄ ɢ ɢ Ɛ ɪ Ç ḱ ᄀ˘ ᄀ ᄀ خي Windows ȁ