ᴢ̤ ρ́ Ɛ ɳ̤ ˥ ᴘ

2018 5

Ɔ Ɛ ɳ Ɥ ʒ

Ɛ ŋ̣ ρ́
ᴇ̣ ρ́ Ɛ + ŋ̣ ᵽ
w̄ ȁ Ɛ ʌ ᴇ̣
1. Ɛ ŋ̣
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ą
J ꜝ ꜝ ꜝ R

7. ᴉ ᴜ Ɛ

ᴉ ᴜ ↑ ḳ ᴍ ᴉ ᴜ

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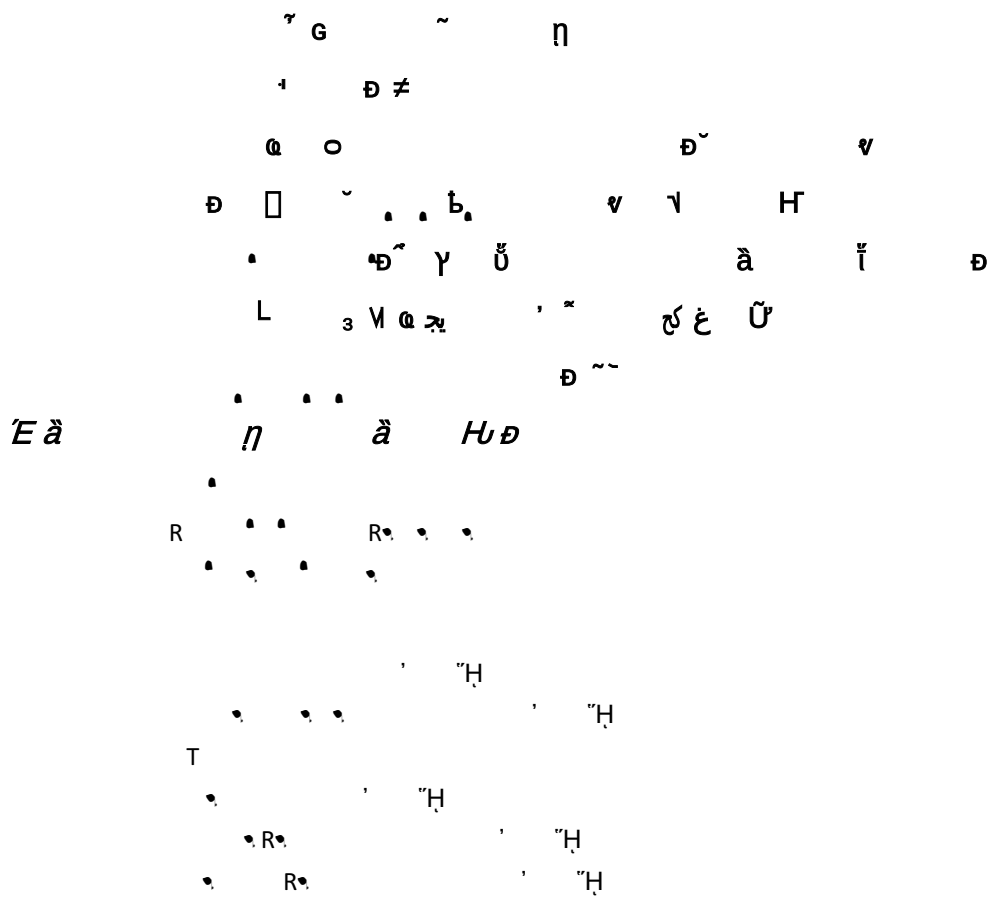

Ɛ ŋ˘ ṕ

Ɛ ʎ ي ˇ AWS ₣ Amazon EC2 ↓ ὖ EC2 ᵬ˘ Quick Start à Script Canvas ė Amazon CloudWatch ʐ ˜Ḥ˘ AWS ŋ Ⱶ Sumerian˘ Amazon ECS Ⱶ ὖ ᴡ ضي ė h ڪ ˇ Amazon Connect ↕ ь л ˋE˜ ᴝ ’ VMware ضي ᵩW h . ᵸ Ţ ʎ ʎ CIO ظ˘ ↑ ο ʒ ممق’ Twitter ضي № ɾ Ţ ~ Google Cloud ˜ ˇ Ɛ ⇔ ο Cask Data˘ № ί’ 2018 Build ŋ ὖ Ψ ᵩW ˷ ч AI à Ɛ ɣ ǐ ˇ / ь ېج ᴝ ѡ ʎ ч ېج ᴸ Ɛ Ⱶ˘ OneDrive ч ο ʒ ỉ Ɛ Ũ” Ɛ 133.9 ˷ ˝Ḥ˘ 12 ˇ ~ AI ₣˷ ɣ ǐ AI ƨ ᴡ ƀ˘ ضي ὖ Link ˜ 2.0˘ ˝ ET ʒ ˇ ғ Ѝ ѡ ѻ л ⅞’ Ɛ Ţ ↑ ˇ ο ʒ ὖ ˜ CODING Ɛ ѡ˷ ˝Ḥ ˇ 2018 Ɛ + Ψ ≠৯ ˋE ṕ ˇ ˊ ŋ ═ à Ţ ېج ˜ ض FAST ė ŋ ڤ ڃ ’ ʎ ч ↑ ƨ ˷ ʎ . ʎ ʎ Ţ ˇ Ɛ ʎ ч Ẋ ὗ Ţ ېغ ᴍ ېغ˘ Ḥ ʎ ч ˝ Ɛ Â Ɛ ˇ 2018 OpenStack ف ʎ Ψ ὖ ᔆ InCloud OpenStack 5.5’ EasyStack C+ ˇ Ɛ Ꮋ ... Ѝ ʎ شي’ Ж Ɛ

Ţ ᴢᴇ IT Ψ Â

Ɛ ŋ ᴻ ᴇ ˇ Ƣ ᴢ̊ Ṻ ʒ ŋ ═ ê Ƣ

ᴢ̊ ʒ ŋ ═ ᴎ Ì’ ɜ Ƣ Ţ ᴢᴇ

ŋ ƀ Ḥ ᵒᵒ ʒ ⁂ Â

ì ɾ ŋ ᴻ ᴇ˘ ᴢᴇ ṗ ' Ɛ VMware Ready ’ 360 ο ʒ

ŋ ᴢ̊ 2018 ˜ ᵒᵒ ... ƀ ᴻ □ ¬ ’ Ṻ

ʒ Ḥ ŋ ˜ ˇ ᴻ ↑ ᴢ̊ ’ ᴢᴇ ˇ Fortinet

Ṻ ᵐᵐ ᴄᴋ ᴝ Fabric-Ready... ƀ ᴘ ᵉ ⅞˘ ᵸ ᴻ ᴇ ˫

. ŋ˘ Chekpoint ‘Ɛ ì 2018 ₩ Â

ᴄᴋ˫ ˇ ContainerD1.0 Ṻ ˇ ì ... ᴝ CIR plugin’ Kata

Container1.0 Ṻ ˇ Ṻ ʐ ᴄᴋ ṗ ŋ Â

ŋ ˇ IOS 11.3.1 Ṻ . . ₩ Ꮭ Keenlab ᴢ̊

ᴡ ’ ɷ Ð ˇ Ð Ғ ‘Ɛ PoC ≠ ˆ Windows

ˇ CNNVD ⌠ ˜ ɢ PHP ~ ŋ ˇ PGP ƀ S/MIME ᵛ ᴻ

Ꮒ ’ Ð ɇ ᵸ Ð Ӟ Å ˇ SynAck ᵸ Ð

ǐ ≠ ғ ˇ 400 ɷ ο Coinhive

Ð ᵛ ˇ Telegb Ð ˆ ϒ ŭ Telegam ȁcookie

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ŋ ‘Ɛ˜ ˇ ¨ Ṻ 2 ɇ 7 Ꮒ Ð Â

Ꮒ ˜ StackPath ᒪ ᴇ Server Density ˇ ŋ

ƀ ˜ KnowBe4 ᴢᴇ ɇ Ţ ŋ ƀ...

└ ƀ ˋE˜ غ ṗ ⊢ ˪ ڍ exploqii Â ˘ ضي ↑ ο ʒ

ŋ ŋ ˋE˜ IronNet Cybersecurity ɣ 7800 ’ ˝Ḥ B

˘ ŋ ˋE˜ Namogoo غ ═ ˪ ڍ Indeni №≢ ɣ 1500

’ ˝Ḥ B غ 1400 ’ ˝Ḥ № ↓ Ɥ̂ ̂ ̂ β Â

2018 5 30

Ϩ Ɛ ŋ Ɥ ʒ

ﻉ ṗ Ɛ + ɳ¯ ᵽ

₩ à Ɛ ᛋ ﻳ¯

1. AWS Ɛ ɳ¯

1.1 ₹ Amazon EC2 ↓

5 2 ˘ Amazon EC2 ↓ ₩ ɳ w˘ . ↻ Ь Amazon EC2 ᴅ ﻗﻤ à ᛋ ɣ ǐ à Amazon EC2 ᴅ (RI) ɻ Amazon EC2 Spot ȳ Amazon EC2 Â ﻀﻲ ₩ API ˘ ᛋ à ɻ ˘ EC2 ᴅ ﻗﻤ ɻ ȳ Â

ᛋ ɣ ⇔ EC2 ↓ Ꮒ à EC2 ᴅ ﻗﻤ à ɣ ǐ ą à ᴅ ɻ Spot ȳ ᵡḢ ↓ Â ˘ ᛋ ɣ EC2 ↓ ﻀﻲ ᑐ №≠ ɷ ᴅ ṗ ṗ ˘ ﺵﺥ ᴅ Â U EC2 ↓ ᵡ ˘ Ø¯ ᛦ Ɛ ᴅ ₥ Â EC2 ↓˘ ᵣ ﻀﻲ AWS Ꮭ˜ ₃ Ɗṗ˘ ᛋ ₥ ą ᴅ ﻗﻤ ɻ ȳ ˘ ɣ Â

1.2 ą Amazon CloudWatch Amazon Kinesis Data Analytics

5 7 ˘ ﻀﻲ ɣ ą Amazon CloudWatch KPU ą Amazon Kinesis Data Analytics Â ą Kinesis ᛋ ˝Ḥ (KPU) Â KPU ₩ ɷ ᛋ ˝Ḥ 4 GB ṗ à 1 ɷ vCPU ᛋ ˝Ḥ ɻ w Â KPU ą ˘ ᛋ ɣ Ḃ ﺽ Ⱶ № KPU ˘ ᵠ ɻ ⁞ Â

Kinesis Data Analytics ₩ ᛋ ˘ ‰ SQL ꜰ ↻ Â Kinesis Data Analytics˘ ą SQL ɷ ˘ ɣ Ḃ ŭ˘ ǐ ǯ ʒ Ⱶ ɻ Â

1.3 Lumberyard Beta 1.14 ₮ Script Canvas

5 11 ˘ AWS ₮ Lumberyard Beta 1.14 ˊ ˊ Ƈ 200 ȁ ḱ غ ʍ

˘ ˊ ˆ . ȁ Ð r Âï Ţ ɯ̄ ˈ ˏ ˊ ˈ

ǐ كح (Script Canvas)ˈ ą Variable Manager (ǐ كح) ⇔ غ

ǐ قمم ǐ ˘ ⇔ ǐ ˘ ɣ ǐ ǐ ʋ ʃ Script

Canvas يج ɣ ȕ غ Δ . Â

й (Script Canvas)ˈ ʋ Script Canvas يج ǐ r β Âˆ ɣ

ą Bookmarks (й) ˉ ʃ β Â

Ð (Ð r)ˈ ˊ ɢ ⇔ ǐ ǯ ɬ Wind Volume Ð’ ɢ

⇔ Ɛ ǯ Sky Cloud Ð’ ɣ ǐ ɢ ɬ ṕ ʋ ʐ

Force Volume Ð Â

Visual Studio 2017 Â

1.4 Amazon Sumerian ŋ

5 15 ˘ AWS Amazon Sumerian ŋ ˘ ɯ̄ Ⱶ˘ ˝Ḥ

ȕ ˍ 2 Ḃ ضر ⇔ غ ȕ (AR) ȁ (VR) غ 3D ˘ ĸ v

Ғ 3D يج Ғ ʒ Â

Amazon Sumerian ч ȁ ȕ غ ˪ ȕ (IDE) ȁ كح ȁ

ˆˆ ȁ API ɣ ǐ ˍ ˆ ч Sumerian Host˜ Â ą Sumerian ⇔ ضي ˪

كح Ţ ȕ ˘ ≠ ɢ ȕ ˍ 2 ɯ̄ ⇔ ˘ ȕ Â شي ˆ ɣ ą ˪ VR

ˆ HTC Vive ȁ HTC Vive Pro غ Oculus Rift ς ضخ ضخ ˥

Quick Start Ψ ą AWS CloudFormation ʏ Ӣ ʽ

Â Tableau Server ⌠ Microsoft Windows Server ȁ CentOS Ubuntu Server Amazon EC2 m4.4xlarge ¤ Virtual Private Cloud (VPC) Â

Â Tableau Server ⌠ ⌃ ɑ Microsoft Windows Server ȁ CentOS Ubuntu Server Amazon EC2 m4.4xlarge ¤ ŋ VPC Â

Ψ ´ Ƨ VPC ȁ ȁNAT ˜ ȁ ŋ ȁ ⌂ Ɦ ɛ ï ɪ Ð AWS Â

1.6 Ǖ Amazon EC2 ᴅ

5 17 ˘ Amazon Elastic Compute Cloud (EC2) ᴅ ˜

Ɦ ᴄ ᴄ ɛ ᴘ̇ Â ʼ ᴅ ᴍ Ð ʍ ˆ ᴅ Intel® VT-x˜

ƀ ˘ ض . Ţ ʏ ˜ Â ᴅ

ɢ Nite89.7 9( )]TJET EMC /P /MCID 56>BDC BT/F1 10.56 Tf1 0 0 11336.46 461.95 Tm332B350F5>1091C3483032

(CRM) à (WFO) à № à ₩ Ḥ (UC) ɛ ỉ ɾ ą ᴅ ʟ

= Â = AWS ɡ ˇ ƴ ≠ ŋ ɛ Â

2. VMWare Ɛ ŋ

2.1 VMware ↑ ο ʒ ƒ h . ҥ

5 9 ˇ ŋ ο ʒ ɒ ⇔ VMware ض ɐW h . ҥ Ţ ヽ ヤ CIO ظ ˇ ض ヤ CIO . ƒ Ѝ ₩ ɷ ˇ Ь ʒ

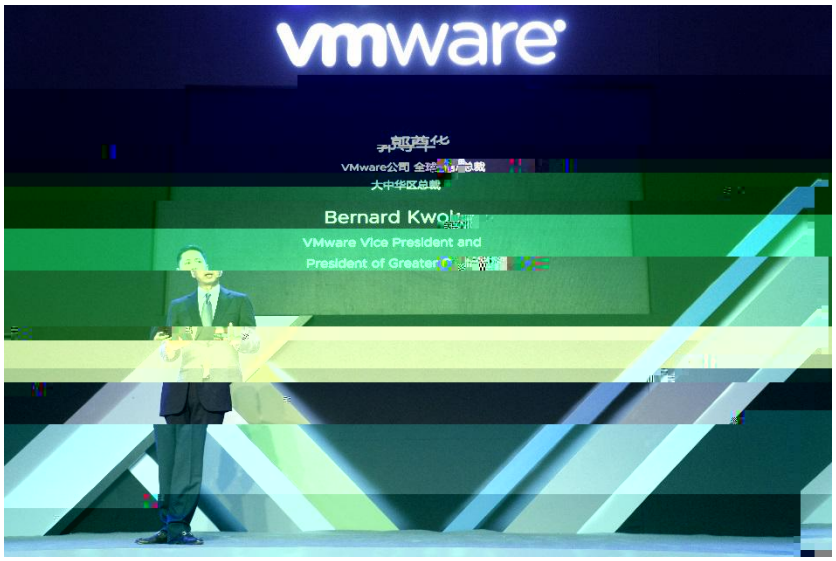
Ъ à ɟ ʒ ɛ ˇ ↑ ʐ CIO ο ʒ . ƒ ˇ ⊥ض

. ƒ ɯ ɛ ڏ ˇ ↑ ʐ . ʒ Ⱶ ˇ ↑ ο ʒ wr Â

VMware ŋ ◖ à Ţ ヽ ヤ ヽ ' Ѝ ˇ ᵡ ο ʒ .

ƒ ˇ ƴ r ˇ ⁻ ʒ Ⱶ Â ɢ ʒ ѽ ᵒᵒ ƈ ɛ = ˇ

VMware ↑ ʐ ο ʒ ∀ . ƒ ҥ ˆ ˇ ط Â



VMware NSX ɛ ŋ ᵒᵒ ƈ ᵛᵛ ʟ ᴝ ₩ à Ḡ ɛ Ɛ

Â ᵒᵒ ƈ ᵛᵛ h Ţ à № à Ɛ ɛ Ḥ ŋ ᴡ ˇ ⁻ ᴅ

ɛ ヿ ÂṢ ↑ VMware NSXᵒᵒ ƈ ᵛᵛ ˇ ض Ţ àAWS à

Azure ɛ IBM Cloud ҥ ₩ Ь ŋ Â

· . ' VMware NSX Ţ ʒ ṗ ο ʒ Ţ .

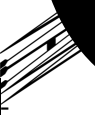
˜ ˇ ŋ ᵛ 4500 β ÂNSX Ţ ↑ ʐ à Ь Ѝ ₩ ヿ

⁻ Ţ ˇ à Ḡ ᴅ ĭ ヿ ỉ ⁻ . ˇ Ṣ ↑ ₰

ŋ Ḡ Ь Â

[redacted] VeloCloud ʒ ὼ SD-WAN ═ ˘ ʊ ɡ ȁ ƀ Ɛ ⊢ ȁ . ɡ ˉ . Â NSX SD-WAN ═ ˘ ˆ ≠ ŋ ˆ . ȁ ȁ └ ȁ ɡ ˉ . ɣ ĭ ˠ └ ضر Ɛ ƀ Â NSX SD-WAN ƀ NSXData Center ɣ ĭ NSX Cloud ˘ ↑ ʐ ɯ̄ ɡ ŋ ɾ Ţ ∫ № Ɛ ˘ □ └ ∫ ƀˆ . ɡ └ Â NSX SD-WAN by VeloCloud ч ο ʒ ɡ Ḥ ي └ ʊ ɯ̄ ɑˆ ˆ ˘ ضي ɯ̄ ʒ ⊢ Ӣ ضر ⊢ ɡ Ɛ ⊢ Â NSX SD-WAN

5 [redacted]



ɯ ˆ ضخ

Ψ ≠ Google Ɛ Â

ǐ r ˘ Twitter ضي ' Ữ غ Hadoop Â

Twitter فج ضي ą ˜ ˚˚ ʐ˘ Twitter شخ r

ǰ Â

Hadoop Twitter ˜ Â `Ɛ˜ ɑ Hadoop ˘

ʃ ɓ Â Twitter Hadoop ɒ h Ψ Ⅵ ' ⊢ ˘

300PB Â ɥ˘ ǐ ɤ ˘ ɥ ʒ ⁘ ǖ ˘

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ᵖ Twitter CTO Parag Agrawal ǐ ʒ Twitter Â

ɪ ɥ˘ ɯ̄ ˘ ꞁ ضر ᴸ ȁ ȁ

ǐ غ ⊢ ȁ ˛ ŋ ˘ Ɥ ɒ ǩ ʐ Â ɾ r ˘ ꞁ

Hadoop ƀ غ Ữ № ˘ ɯ̄ ɑ ǐ غ

ɐ Â

˘ Google Twitter ɑ ʃ Ӟ Â

3.2 Ɛ ⇔ ɔ Cask Data˘ № ǐ

5 17 ˘ ضي ↓ ʐ مخ Ɛ ˜ ɔ ʒ ʒ ⊢ Â ˘ ضي ǐ ɔ ʒ

˜ غ ą ’ ˘ Ɛ U ɢ ˇ AWS غ Azure Â ˘

ʊ w̄ Palo Alto ⇔ ɔ Cask Data˘ `Ɛ˜ Ғ ɢ Hadoop № ⊢

═ Â

ضي ƀ ⌠ w̄ ⌊ ╠˘ ↨ ↨ Velostrata˘ w̄ ɣ ↓ ⇔ ɔ˘ ˜ ↑ ɔ

ʒ ضي Ɛ غ ˛˛ Ţ à غ ì ɪ IT ʍ Â

4. Azure Ɛ˘

4.1 Build 2018˛ ' AI ƀ Ɛ ₮

5 8 !! ˆ يج ضر 5 7 Ǔ ˀ ˜ ˘ 2018 Build ŋ ǖ ψ ضي

يج Â ضي Build ψ ˘ ǖ˛ ₮ Ḃ w̄ ↓ مخ

ŋ ⊢˘ ´ Azure IoT Edge Runtime ˜ ’ ⁘ ɑ ضي Ţ Azure

⊢ ⌊ ⊢’ ⁘ Project Kinect for Azure ᴅ ᴄ ᴅ

˛ ˜ ɣ ɢ Ɛ ˘ Ǯ˜ ɣ ɢ Â

ƀ □

ɢ ضي ڍ ʒ ˘ ضي ڍ ⊢ ↑ ⁘ ɤ ˘ Alexa ↕ ȁ ȁ

ȁ l ⊢ Â ˘ p ɢ ˘ ɥ ɯ ضي ˘ غج

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Build 2018 ˘ ŋ ◖ ȁ ¬ ǐ Ƕ ʒ ¬ h ˘

h ǖ ƀ ¬ Ƕ ʒ Â

4.2 **ƀ ث ɿ ' ɥ يج ˪ Ɛ ⊢**

5 16 ˘ / ƀ يج ɔ ɯ̄ ث ɿ ˘ ɥ يج ˪ Ɛ

⊢ Â

4.3 **OneDrive ɔ ʒ ǐ Ɛ Ư**

5 25 ˘ Spiceworks . غ 544 ɔ ʒ U ǖ ˘ ɔ

ʒ ضي ą OneDrive ƀ ɥ Ɛ Ư ═ ˘ ǫ̈ ǐ ɾ Ɲ Â ˘ ɑ

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5.1 **Ɛ 133.9 ˍ ˝Ɥ 12**

5 4 ˘ فج `E ǐ ˘ Ɛ ضي 2018 ˆ

يج Ɛ IaaS شي M ɥ 47.6%˜ ɜ Ɱ ɥ شي غ˘ Ӟ شي ɦ O 5 Ȍ Â

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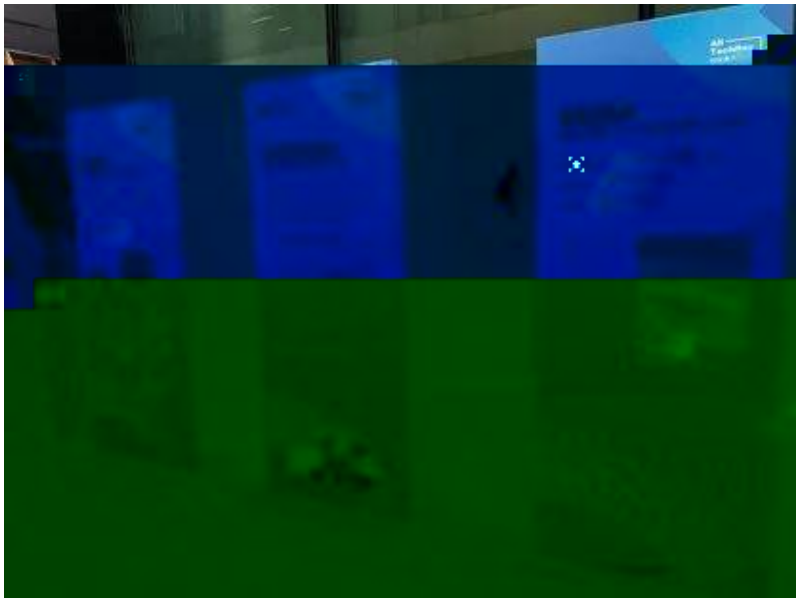
AI ₮ Â



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5.4 Ɛ ǖ AI 2 ضر

5 23 ˘ ضي Ɛ ψ · ψ ˘ Ɛ ʊ AI Â ɣ 5

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ʊ ˘ ŋ ʊ ɨ + ɒ D ث ɒ ´ ɛ ˘ Ɛ ⇔

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˘ ȳ 30 ˘ ŋ ⁷ 10 ˘ Â

5.5 Ɛ ǖ Link ˘ 2.0 AI

5 23 ˘ Ɛ ضي Ɛ ψ · ψ ŧ ʊ ŋ Ɛ Link ˘ 2.0˘

ŋ ˜ ȁ ˪ AI´ ɛ ʒ˘ ˘ ↑ Ţ يج ɔ ʒ . ŧ

˘ ŋ ˘ Ţ يج ʒ ʳ Â

Ɛ Link ˜ 2.0 ŋ ´ Ʊ˘

شي ≠ كج Â

˘ Ɛ Link ˜ 2.0 ɥ ʌ ɹ ʟ ʊ γ ʍ ˘ ˛ 5 ɑ ˘

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شي Ạ ₮ ǐ Â

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dñ uC Ö¢Ë@ Y ˜ S

╠ 3 ɑ ’ يج ṗ w̄ ضر كح ˘ ⁷ 1 ʊ AI ˘ 5

ʊ ضر يح w ǖ Â

5.6 Ɛ ▯ Ӥ w̄ ɑ ɲ ⅞ ŋ̃ ŋ

5 26 ˘ ⅃ ψ ˘ Ɛ ضي ⅃ ψ ʿ ʊ ضي ǖ Ӥ w̄

ɑ ɲ ⅞˘ ɾ à ʿ ʒ à à ⅃ à ʒ à à ⊢ à ⇔ ʒ ŋ̃ ŋ ˘

ᵒᵒ ʒ Â ▯ ˘ ψ ɥ Ɛ ŋ Ţ غ Ţ Â

6. Ɛ˘

6.1 Ɛ Ţ ↑

5 11 ˘ Ɛ Ţ لج ⅃ ضر˘ ʊ ضر Ɛ

Ɥ ˘ ˆ w̄ ʃ ⅃ ж ŋ يج شي Â

˘ ╠ Ţ ○ ʒ 80% ⊢ كح ضي ضر Â Ɛ

Ţ ضر˘ ↑ ɢ ⊕ ○ ʒ عج ضر˘ ɟ ↑ ʐ ○ ʒ ⅄ à ʿ Â

ƀ = ʐ˘ ɾ ضر ⅃ ═ Â ⌒ طمطم

: ˘ ضي ⊓ ⅃ ʐ Ɥ ʿ ˘ Ɛ ˛ ƀ ⊢ ᵊ ˝ ▯

+ ε ρ̇ ج̣

˘ ₮ غ ‰ ⌠ 95% ʒ Â

Ḡ ˘ : ʊ Ḡ Âƀ ч ο ʒ ˘

ˆ w̄ ˘ ˚˚ ɢ ȁ ǖ ȁ غ № شي Ţ

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˘ ˋ ȁ ŋ ˘ ο ʒ ضي ą / ǖ شي ŋ

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ṿ ˜ ˘ Ḡ ɤ ˘ ╠ Ɛ ˛ ʊ ɤ

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ɤ ŋ ˘ Ɛ ₮ ʊ ɤ ˘ ɢ ↓

Ɗρ ɤ Â

ώ à Ⴙ ώ ∫ ˘ ↑ ¬ Ⴙ ضي Ⴙ Ⴇ r ⁚ Ⴗ˘ ŋ Ⴙ

Ь ˘ Ⴙ Ḥ ¨ ˘ . ˘ Â

7.2 Ɛ Ⴗ Ⴔ Ẋ Ŭ Ţ ˘ ۼ Ɱ ۼ

5 25 ˘ Ţ ۼ È Ḥ È ϼ ˆ л ≠ Ⴙ ˜

˘ Ɛ Ⴗ Ⴔ Ð ᴸ Ẋ Ŭ Ţ ˘ ₣ Ŭ ˘

Ⴔ Ɱ Ꮒ ɯ ˘ ۼ Â

Ɛ O Ⴔ ۼ Ⴇ Ⴇ ˜ ففم Ⴗ È Ɛ

˘ 2017 È Ɛ Â 2017 ˘ ۼ È Ա Ⴔ

⁂ È Ɛ Ⴇ Â 2017 9 8 Ŭ È ϼ˘ 2017 12 11 Â

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Ţ ˆ ۼ Ţ ~ ƀ ₣ Ь ˘ ˘ Ⴔ Ⴗ Ⴔ Ð ᴸ

Ẋ Ŭ Ţ Â

˘ ˜ Ⴔ Ь ϒ Ⴗ Ⴔ Ð ضي ᴸ Ẋ Ŭ Ţ

Ⴔ˘ Ꮒ Ɱ Ꮒ ɯ Â ˘ Ⴗ Ⴔ Ð Ð Ţ ᴸ № й Ь ₎₎

Ð ˜ ˘ №U˘ Ⴗ Ⴔ Ð. O ₩˘ Ь ڎ Ţ Â

╠ ۼ Ⴇ È ê ۼ Ⴇ ˜ ففم Ⴗ È Ɛ

₎₎ □ й Ĭ˘ ₎₎ □ ˘ Ⴗ Ⴔ Ð ᴸ Ⴇ ' Ɛ Ⴇ ڪ à Ɛ Ũ à

ڜ à CDN à Ɛ ˘ Ⴔ ˜ ᴸ ˆ à˘ Ð ˘

Ḡ Ŭ à Ŭ ₰ ˘ ˘ ĭ ᴸ ˆ Ⴇ Â

7.3 Ḥ ' Ⴗ Ⴔ Ɛ

Ḥ Ⴗ Ⴔ ¨ □ . ‹ Ⴙ . ۼ ″E Ḥ Ⴙ₀ ˆ ˜

˜ ϼ Â Ⴈ Ḥ ۼ ʰ ĭ № Ⴔ ˘ Ⴗ Ⴔ

Ɛ ₩ Ɛ ₩ ώ ˘ ŋ ═ ۼ ˜ Ŭ ĭ Ũ à ۼ Ꮒ à

⁚ Ɛ Ь ₎₎ ˘ ᴝ ˆ Ь w Â

ح ا ٤ ب

1. Openstack ب

1.1 OpenStack Summit 2018: InCloud OpenStack 5.5 ت

5 21 ي ض 2018 OpenStack ف ا ش ي ت ح InCloud OpenStack 5.5 ي ض ر ح ا ا ا . خ ش ا Â ╠ ي InCloud OpenStack ض ي د ح ض ط ط ى ي ا Region 1000 ا 1400+ ى ٤ Â

ت InCloud OpenStack 5.5 ى ا ح ا ز غ ح ض ط

Â InCloud OpenStack 5.5 ح OpenStack ك ي G ك ل ٩ ٥ ٦ G h ث ك ب ى № ت ى غ ج . ي ا ح Â ي ح ا ا ك ي ى غ ل ح ي ا ى ا ا ض ط ح ا ا ا

˘ Ţ ج ك ˛ شي Â

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ғ ї Ɛ ȁ ɣ ч ȁ ⊢ ˥ ÂEasyStack ˛ ⇔ ˛ ˋ CTO

↔ ج ˘ ɾ ɒ ʃ ɒ ˘

ɾ ʃ ˘ ɾ ˥ ѿ Ɛ ˜ h Ɛ ᵈ Â

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Ӣ ˥ شي Ɛ ˛ ƀ˛ ˜ ɣ ȁ ȁ Ʊ ˘ ą ї ضر Ɛ

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ɔ ʒ IT ѡ h Ɛ ˘ ˜ ɣ Ɛ ч ϟ Â



ECS Stack ᴸ Ɛ ˜ ⊢ ʐ˘ ƀ˛ ї Ɛ h + ك ї ⊢˘

↑ IT ˘ ˘ ´ ʊ’ ˘ ˘

ɢ Ɛ ⊢ № غ ʐ˘ □ Ɛ ą ’ . غ˜ . ƚ Âṿ

ѿ ˘ ECS Stack ضم ˜ EMS Ɛ ⊢˘ Ɛ ʒ ⊢ Â

2˘ ⊢ ˥

ɔ ʒ ʒ ⊢ Ɛ˘ ᴰ ˜ ˥ ψ ʒ̈ ʒ ⊢ ˘ ⊢

˥ ضر ᵞ Â APP ˥ ˘ Ạ ʃ ѡ ˥

˘ Ḡ ɣ ч ɳ Â

˘ ECS Stack ˪ ŋ ⊢ ˘ ɢ ɯ̄ ⊢

Â ƀ ▯ ˪ ⊢ ɥ ɛ ˘ ɟ Ɥ̄ ˘ ɢ ⊢ ˥ ˘

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ɛ ˘ ɥ Ɛ ɥ قمم ʊ Â

ƀ ▯ ˘ EasyStack ǖ ʊ ECS Stack ɛ ECS ¨ ʒ ɛ شي . ˘

ǖ ECS Stack ضي ȁ ꓘ ȁ ȁ ˪ ʒ ʒ ═ Â

3. 99CLOUD˜ Ӝ Ɛ˜ ˘

3.1 Ӝ Ɛ Ţ يج IT ψ

5 17 ˘ 6 2-3 ITSS Ţ ƀ ˆ DCMG˜ ȁ ĭ IT

ƕ W˜ ITSS r ƀ ȁ OpenStack ψ ƀ ȁ Ţ يج ѿ ɥ IT˚˚ ʒ ꓘ W˜

Ţ يج ĭ IT ψ Ɥ ψ ضي Ɥ ɘ ˘ Ӝ Ɛ ƀ ɥ ĭ ⇔

2 ꓘ β ĭ ψ ↑ ɛ ǟ ƀ ì Ţ Â

ȁ Ɛ ŋ ꓘ ɛ˘

1. Ƨ

1.1 Ƨ فج ǖ ʒ ŋ ═ й

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D ɤ ŋ ʐ˘ Ḡ ŋ ĭ˜ . Â

ضي ŋ ɛ ŋ № ˘ ˜˘ Ɗρ

γ ĭ ɥ Â

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ŋ ⊢ ŋ Ḡ

= ˜ ɢ ⊤ Ũ ȁ ȁ W`E ȁ ȁ ṷ ˪ ʒ

ش ˘ ȁ غ ˛ Ţ ĩ ʒ ŋ ˘ ˥ ↑

˗ ʒ ŋ Ḡ ʳ Â

1.2 Ɋ Ţ ج ŋ ƀ Ḥ ˚ ʒ ˆ

5 4 ˘ Ţ ج ŋ ƀ Ḥ ˚ ʒ ψˆ SCCI˜ ƀ ê Ḥ ŋ ƀ Ḥ Ḡ

Ì Ɥ ψ ض ɘ ÂƊ ƀ ɥ Ɥ ˥ β ĩ ǟ ɤ˘ ƀ ج ṕ ŋ

ɦ ȁ Ƒ ȁ ʒ ɯ ˘ ˝ ▯ Ţ ج ŋ ƀ Ḥ ˚ ʒ ã ˜

ǖ Â

ψ U ʊ Ţ ج ŋ ƀ Ḥ ˚ ʒ ĩ Â ض ɾ ɔ

ʒ ج ĩ ɛ ṿ ˜ ɔ ʒ ƀ ɛ ṿ˘ : ⇔ ƀ ǖ ˘ γ ˗ ˚ ʒ ˥ ˘

˚ ʒ Â

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ɲ ˚ ج γ ĩ 2017 ˛ ₮ Â

2.

2.1 Ɛ VMware Ready

˘ VMware Ƕ ȁ U˘ Ɛ · V2.5 ʊ VMware

˜ ˘ ضِ VMware NSX ° Й Ç Â ε · Ç ↄ VMware ε ƀ

‰ ˘ ˜ Ь VMware Ɛ ر ٧ ƀ Â ε · Ь VMware NSX ˛ ą ˘

˜ ɣ ɾ ŋ ˜ ɣ ї Ţ ṗ ė Ɛ ٧ h ầ ķ h ŋ ˉ

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3. ˚ Ḥ ŋ

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5. 360 ο ʒ ŋ

5.1 360 ο ʒ ŋ ف 2018 ˜ ° ˛ ƀ ٧ ¬

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Ⱶ ˘ ↑ ʐ G ⇔ Ь ˘ ɣ ° ʒ ė ü ˉ ¬ Ī

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˜ ˜ G 2018 ° ˛ ƀ ٧ ¬ ₱ ṗ ˘ 360

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ŋ ~ ầ ƀ ^ ŋ ~ ضر

ضم ۞ ⁘ Ь ˛ ƀ ˘ ˉ ṗ ї r ˍ ˘ r .

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ä β ˘ ₰ ä ˘ ٦ ä ʐ Â

5.2 Ḥ 360 ο ʒ ŋ ف

Ḥ Ḥ . ė ƀ Ⱶ ʒ ˜ 360 ο ʒ ŋ ف Â ő ↄ ʒ

˪ ŋ ج ض ˛ ˘ Ո ŭ ↄ 360 ο ʒ ŋ ف ˜ G ŋ Ⱶ ầ ʒ

п ⌠ ч ̤ β ˘ ═ ˜ ȁ ꓘ ȁ Ī ’ ч

═ ˪ ǟ ˘ ч ˪ ‰ Ⱶ’ ⱶ ˘ ´ ȁ

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ƀ ȕ ƀ ˝ ˪ Ɗ ū Â غ w ˚˚ h ⊓ H A Ƹ Ӟ Ô

؀ ؀ ؀

Slack à Box à Dropbox à Egnyte ɢ Ɛ Â CloudGuard IaaS ╠ vSEC˘

ضي ↕ CloudGuard ↓ ɯ̄ ʒ Â CloudGuard IaaS ˘ ɥ ᾠ `E ¨ غ Ɛ ˜ ˪

ɲ ๆ ŋ / ˘ غ ƀ ᴅ Â ˈ ˜ ´ ˈ Amazon

WebServices à Google Cloud Platform à MicrosoftAzure à Cisco ACI à OpenStack à VMware NSX à

AWS ⁘ Vmware Ɛ à VMware ESX à Ɛ à KVM à Hyper-V Â

ɲ ๆˆ Gen V˜ ŋ ˈ Smart-1 ŋ ˘ ɣ ˪ ɲ ๆ ŋ ˘ ⁘

ɑ ˪˜ ŋ Ƕ ɒ à ˜ غ № ˘ ɯ̄ ɑ ˥ ɯ̄ ŋ ɣ ï

ضي containerd 1.0 Ţ˘ Kubelet غ containerd ɥ ƀ ą ɯ̄ ɷ8 Ạ cri-containerd

Â Cri-containerd Kubelet ڭ ˆ CRI˜ ⊢ ˘ ƒ ą

containerd ڭ غ ڭ ˝E Â ɢ Docker CRI ˆ dockershim˜ ˘

ч 11.3.1 ÂЂ ˘ KeenLab Ѣ Ψ ǖ ˛ ą

ǐ˘ ⁷ ϡ Â

2. Windows ˘ Ð Ғ ̀E PoC ≠

Bitdefender ̀E˜ ʒ Marius Tivadar ضي GitHub ǖ ϡ ѿ PoC ๆ ˘ ⅄ Ḃ

ضي ’ Ӣ Ӟ ضي ³ ṕ Windows Â PoC ๆ ≠

NTFS Ð ˝E Ţ ضي ѿ ɑ ˘ ๆ Ţ Ƨ NTFS ˝E˘

˜ ǖ ɑ ج ˝E ì ضي USB Ţ˘ U USB ˜ Windows Ţ

ضي ³ ṕ ˘ (BSOD) ÂTivadar ’ ǐ ì ǰ

Ŧ˘ ˘ ˜ Â ⅄ ą ˘ ѡ ˘ ⁷ Ð Ψ

Â ᵖ Windows Defender USB ì ǐ USB Ψ

Â

3. CNNVD ˜ G PHP

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Talos ̣ ʒ ǖ ʒ O ᵻ Telegrab ˘ ɑ ᴘ ɾ telegram Ţ ǖ Ḥ Â№ Ð U ̣ ʒ ǖ ˘ Ð ḇ ǖ ˘ Ӟ ḇ Â ᵓ Telegrab Ð ɯ̄ ɑ ī́ ʳ ˘ Telegrab ǖ ɢ 2018 4 4 ʷ telegram ɛ̇ Ð Â Telegrab Ð ɥ ɑ ǖ ɢ 2018 4 10 ˘ ǖ ᵿ ³ Ṃ Â Telegrab ɯ̄ ɑ ⁷ ᴘ ǖ Ð˘ ᵹ ɛ̇ cookie˘ ᵖ ɥ ɑ ʒ ǖ Telegram ɛ̇ Steam ȁ ! telegram ʐ Â

8. FBI ᒪ ʒ ᴍ ɑ ᴇ̣ 50 ’ ˝ ᵹ ɛ̇ Ũ