

November 2017



What's new with the COA?

openstack.org/coa



Certified OpenStack Administrator exam

Vendor-neutral exam

Skills-based: 32 tasks

2,000+ test takers; 60% pass rate

COA Updates: What's new?



OpenStack Newton

Question Clarification for Easier Comprehension

Single File Location for All Exam Resources

Easier Access to Docs

Web Delivery - Candidate Anne

Secure https://www.examslocal.com/WebDelivery/Home/Candidate?reservationId=7c4db521-fd3e-4ba4-a4ca-81dc1121968c&preLaunchStep... □ Q ☆ ⚪

psi Online Camera Desktop View Webcam & Desktop Live Chat Exam Controls Exam Information

COA
2017-06-20
Exam timer: 149 minutes remaining
User: AnneBertucio

BEFORE YOU BEGIN (Q1 follows below):

1. You are allowed to open the OpenStack Docs page in a new browser tab or window: <https://docs.openstack.org/>
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=====

Q1: For the `admin` project:

Question: 1/32

▶ Question 1 Navigate All Questions

Gate One - Applications

Terminal LOGIN

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=====

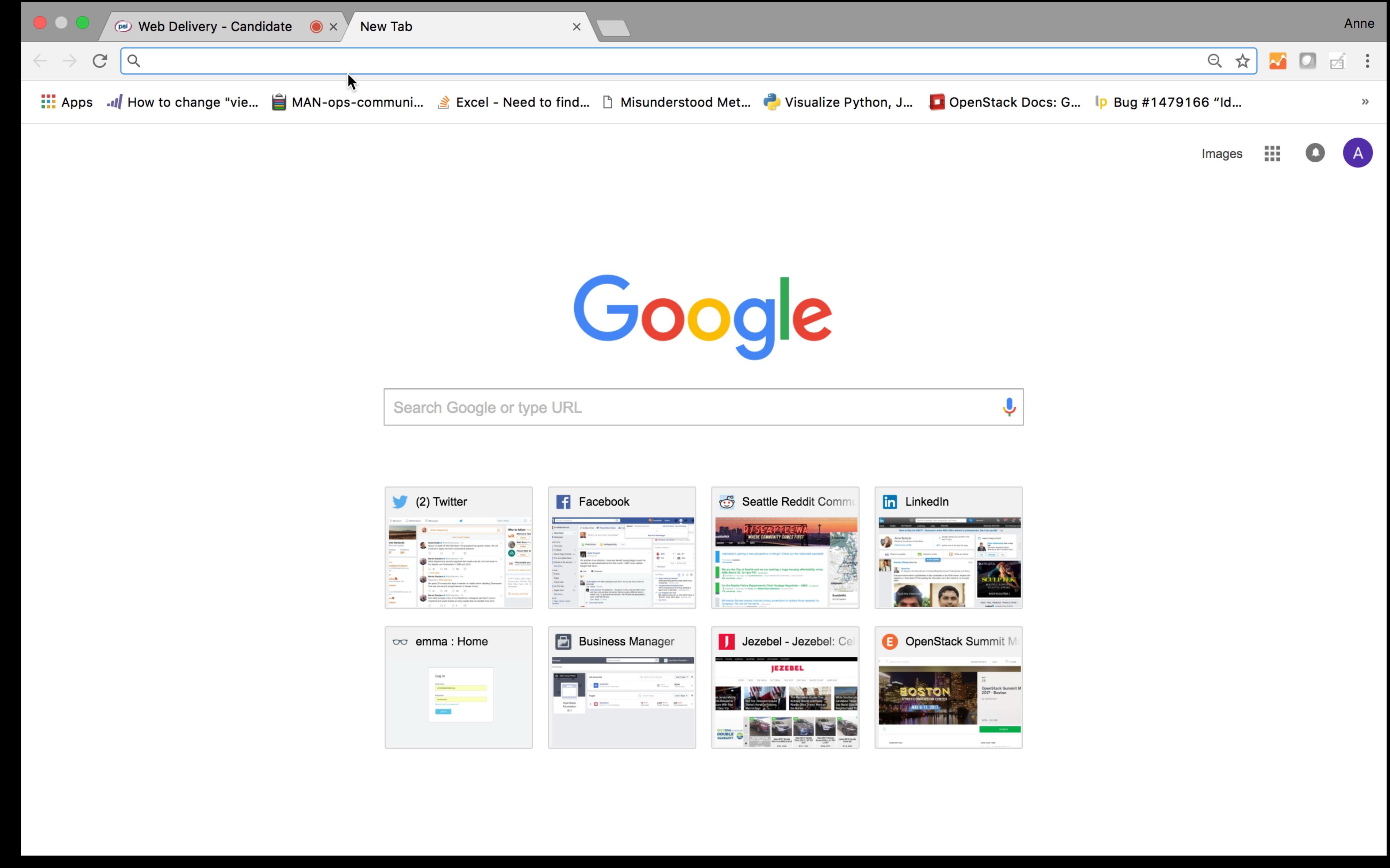
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Gate One - Applications

Terminal LOGIN



Web Delivery - Candidate New Tab Anne

https://docs.openstack.org/

- https://docs.openstack.org - OpenStack Docs: Ocata
- https://docs.openstack.org/developer/devstack/ - DevStack — DevStack 0.0.1.dev8544 documentation
- ☆ https://bugs.launchpad.net/openstack-manuals/+bug/1479166 - Bug #1479166 "Identify old pages on docs.openstack.org" : Bugs : openstack-manuals
- https://docs.openstack.org/ - Google Search
- https://docs.openstack.org/developer/charm-guide/ - Welcome to the OpenStack Charm Guide — charm-guide 0.0.1.dev46 documentation

Google

Search Google or type URL

(2) Twitter

Facebook

Seattle Reddit Comm.

LinkedIn

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Business Manager

Jezebel - Jezebel: Cel

E OpenStack Summit M

This World Refugee Day, explore the stories of refugees on YouTube

Web Delivery - Candidate x OpenStack Docs: Ocata x

Secure | https://docs.openstack.org Anne

SEARCH SOFTWARE USERS COMMUNITY MARKETPLACE EVENTS LEARN DOCS JOIN LOG IN

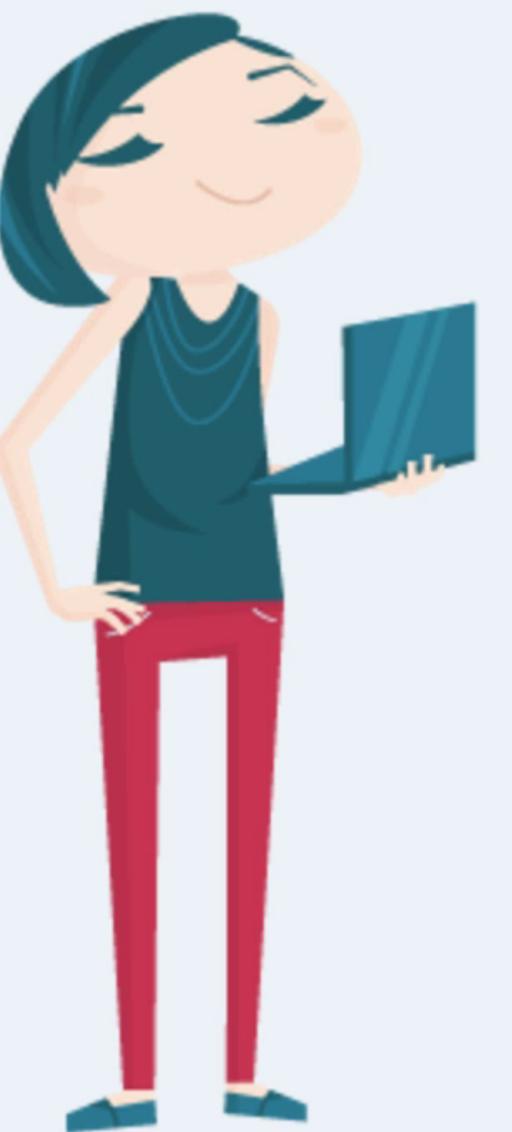
Welcome to OpenStack Documentation

What is OpenStack? OpenStack is a cloud operating system that controls large pools of compute, storage, and networking resources throughout a datacenter, all managed through a dashboard that gives administrators control while empowering their users to provision resources through a web interface.

What Are The Next Steps?

[View The Docs](#)  [Get OpenStack](#)  [Get Training](#) 

Google custom search



Elissa Murphy
OpenStack Operator

Documentation for Ocata (February 2017)

This is the latest release. Use the menu to select a prior release if needed.

More Releases & Languages ▾

Waiting for www.googleapis.com...

Web Delivery - Candidate x OpenStack Docs: Ocata x

Secure | https://docs.openstack.org Anne

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Q1: For the `admin` project:

Question: 1/32

Question 1>
Navigate All Questions

Terminal

Please read these instructions for the Linux Foundation Exam. You may access these instructions at any time while taking the exam by typing 'man lf_exam'.

1. Root privileges can be obtained by running 'sudo -i'.
2. Rebooting of your server IS permitted at anytime.
3. Do not stop or tamper with the gateone process as this will END YOUR EXAM SESSION.
4. Do not block incoming ports 8080/tcp, 4505/tcp and 4506/tcp. This includes firewall rules that are found within the distribution's default firewall configuration files as well as interactive firewall commands.
5. Use Ctrl+Alt+W instead of Ctrl+W.
- Ctrl+W is a keyboard shortcut that will close the current tab in Google Chrome.
6. Ctrl+C & and Ctrl+V are not supported in your exam terminal, nor is copy and pasting large amounts of text. To copy and paste limited amounts of text (1-2 lines) please use:
- For Linux: select text for copy and middle button for paste (or both left and right simultaneously if you have no middle button).
- For Mac: ⌘+C to copy and ⌘+V to paste.
- For Windows: Ctrl+Insert to copy and Shift+Insert to paste.
7. Installation of services and applications included in this exam may require modification of system security policies to successfully complete.
8. Only a single terminal console is available during the exam. Terminal multiplexers such as GNU Screen and tmux can be used to create virtual consoles.

```
[student@node-1 ~]$ ]
```

Web Delivery - Candidate OpenStack Docs: Ocata Anne

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```
[student@node-1 ~]$ pwd
/home/student
[student@node-1 ~]$ ls
answers  openrc  resources  templates
[student@node-1 ~]$
```

Web Delivery - Candidate OpenStack Docs: Ocata Anne

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=====

Q1: For the `admin` project:

Question: 1/32

Question 1 [Navigate All Questions](#)

Waiting for hkg-content.exams.linuxtrainingservices.org...

[student@node-1 openrc]\$]

Web Delivery - Candidate OpenStack Docs: Ocata Anne

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psi

COA
2017-06-20
User: AnneBertucio

In the `admin` project:

Question: 2/32

Question 2
Navigate All Questions

[student@node-1 openrc]\$

This screenshot shows a web-based exam interface. On the left, there's a sidebar with the title 'COA' and the date '2017-06-20'. Below that, it says 'User: AnneBertucio'. A message indicates the user is in the 'admin' project. The main area shows 'Question: 2/32'. There are navigation buttons for 'Question 2' and 'Navigate All Questions'. On the right, there's a terminal window titled 'Dashboard' showing a command prompt '[student@node-1 openrc]\$'. The URL at the bottom is https://hkg-content.exams.linuxtrainingservices.org/exam/96c57e9f-aa0d-38d5.

Web Delivery - Candidate OpenStack Docs: Ocata Anne

Secure | https://www.examslocal.com/WebDelivery/Home/Candidate?reservationId=7c4db521-fd3e-4ba4-a4ca-81dc1121968c&preLaunch...

psi

COA
2017-06-20
Exam timer: 144 minutes remaining
User: AnneBertucio

Question: 3/32

Question 3< > Navigate All Questions

[student@node-1 openrc]\$

This screenshot shows a web-based exam delivery interface. On the left, a white sidebar displays the exam title 'COA', date '2017-06-20', and a timer indicating 144 minutes remaining. It also shows the user information 'User: AnneBertucio'. Below this, the current question is displayed as 'Question: 3/32' with navigation buttons for previous and next questions, and a link to 'Navigate All Questions'. On the right, there is a large terminal window titled 'Dashboard' which shows a command-line prompt '[student@node-1 openrc]\$'. The top of the terminal window has tabs for 'Terminal' and 'Dashboard', with 'Dashboard' being the active tab.

Web Delivery - Candidate OpenStack Docs: Ocata Anne

Secure | https://www.examslocal.com/WebDelivery/Home/Candidate?reservationId=7c4db521-fd3e-4ba4-a4ca-81dc1121968c&preLaunch...

psi

COA
2017-06-20
Exam timer: 144 minutes remaining
User: AnneBertucio
Question: 3/32

Question 1
Question 2
Question 3
Question 4
Question 5
Question 6
Question 7
Question 8
Question 9
Question 10
Question 11

Question 3

Navigate All Questions

Online Camera Desktop View Webcam & Desktop Live Chat Exam Controls Exam Information

Terminal Dashboard

[student@node-1 openrc]\$

The screenshot shows a web browser window with a PSI logo at the top. The main content area displays exam details: COA, date 2017-06-20, 144 minutes remaining, and user AnneBertucio. A sidebar on the left lists questions from 1 to 11, with Question 3 selected. Below the sidebar are navigation arrows and a link to 'Navigate All Questions'. To the right is a terminal window showing a command-line prompt [student@node-1 openrc]\$.

Web Delivery - Candidate OpenStack Docs: Ocata Anne

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psi

COA
2017-06-20
Exam timer: 144 minutes remaining
User: AnneBertucio

Question: 10/32

Question 10< > Navigate All Questions

[student@node-1 openrc]\$

This screenshot shows a web-based exam interface. At the top, there are tabs for 'Web Delivery - Candidate' and 'OpenStack Docs: Ocata'. The main area has a 'psi' logo. On the left, a sidebar displays 'COA' and the date '2017-06-20'. It also shows an 'Exam timer: 144 minutes remaining' and 'User: AnneBertucio'. Below this, it says 'Question: 10/32' with navigation buttons for previous and next questions, and links to 'Question 10', 'Navigate All Questions', and 'https://hkg-content.exams.linuxtrainingservices.org/exam/96c57e9f-aa0d-38d5'. On the right, there is a terminal window titled 'Dashboard' with the command '[student@node-1 openrc]\$' entered. The terminal window has a dark background.



tinyurl.com/openstackcoademo



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COA >

TIPS >

TERMS AND CONDITIONS >

COA REQUIREMENTS > The OpenStack Foundation has developed the Certified OpenStack Administrator exam which offers a career-path based Certification for OpenStack professionals. The exam is performance-based and will test the baseline skills of an OpenStack Administrator, a person with at least 6 months of OpenStack experience who provides day-to-day operation and management of an OpenStack cloud.

COA VERIFICATION >

FIND A COA PROFESSIONAL >

COA FOR STUDENTS >

- Understand the components that make up the cloud
- Use the OpenStack API/CLI

OpenStack COA Requirements

Getting to know OpenStack - 3%

- Manage Keystone catalogue services and endpoints
- Manage/Create domains, groups, projects, users, and roles
- Create roles for the environment
- Manage the identity service
- Verify operation of the Identity service

Identity management - 12%

- Manage Keystone catalogue services and endpoints
- Manage/Create domains, groups, projects, users, and roles
- Create roles for the environment
- Manage the identity service
- Verify operation of the Identity service



openstack.org/marketplace/public-clouds

Study Tips

- Practice Makes Perfect
- Command-Line vs Dashboard
- Know where you need to use a Project Client vs OpenStack CLI
- Scenarios Make the World Go Round

Test Taking Tips

- Watch Your TIME!
- Attempt to answer all the questions, skip the ones you don't know right away.
- Cut and Paste where possible.
- Everything you need is there.
- The Docs are available to you but don't rely on them.
- --help is your friend.
- Spend a minute to explore the testing environment.
- If there's an issue let the proctor know.

Resources

→ OpenStack COA site:

<https://www.openstack.org/coa/>

→ OpenStack Summit Boston Panel on 'Why You should Take the COA'

<https://www.openstack.org/videos/boston-2017/the-coa-and-why-you-should-take-it>

→ OpenStack Summit Austin Brown Bag on `Prepping for the COA`

<http://bit.ly/2st9bwY>

→ Superuser Article on the Newton COA Release

<http://superuser.openstack.org/articles/certified-openstack-administrator-exam-newton/>



Q&A

Thank you for your time

Slides: <http://github.com/spotz/allnewCOA>



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