

Cinder QOS

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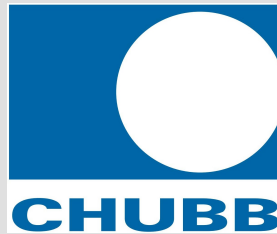
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Who Am I?

I started my 17-year IT career as an MS .ASP developer and transitioned into supporting web-based applications. The bulk of my time was spent providing production support as an on-call engineer.



We offer three kinds of service:

GOOD - CHEAP - FAST

You can pick any two

GOOD service **CHEAP** won't be **FAST**

GOOD service **FAST** won't be **CHEAP**

FAST service **CHEAP** won't be **GOOD**

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Ground Rules

- Not going to ask you to turn off mobile phones but, if it rings its mine :D
- Ask questions *(requirement)*
- Take any side conversations outside *(mainly because I like hearing myself talk only)*
- This workshop is hands on, please group yourself into groups no larger than 5. Please take turns doing stuff!
- Materials for the workshop are available here:

<https://goo.gl/h4D9hm>

Before we get started...

- Each group will be given a StudentID and instructions to connect to your tenant in the fully functioning OpenStack cloud
 - Each cloud consists of:
 - (1) Deployment node (1) Cinder node
 - (1) Controller node (4) Compute nodes
- We will be working via the Python CLI (*sorry Horizon lovers*)

Ready, Set, Go!!!



Lab Overview

- **Configure multiple backends on the Cinder node**
- **Create new volume types**
- **Create and associate QoS definitions to the volume types**
- **Add volume to instance**
- **Connect to instance and check IO throughput**

Ready...

Please go to the URL below in your browser:

<https://goo.gl/h4D9hm>

**Next connect to the lab environment,
connection details are on the handout**

Set...

Step thru the Lab

and make sure to ask for help along the way

Go...

You have 30 minutes to complete the Lab

first team to finish and show it works gets a prize



Q&A Session

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WE'RE HIRING!

Expo Hall Booth P-11

Python

C, C++

Ruby

Java

C#, .NET

JavaScript, CSS, HTML

Twisted, Backhone

Angular.JS, Ember.js, Node.js

Restful/JSON/XML

Closure, Scala, Erlang

Hadoop, MongoDB, MySQL

OpenStack Engineers

Linux Systems Engineers

DevOps Engineers

Frontend & Backend Developers

Software Developer in Test

iOS/Android Development

Data Scientist

Field Sales Specialist

Strategic Account Executive

Solution Architect

Data Visualization



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