Introduction to CohesiveFT for OGF Cloud BoF 2009

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Who am I

- CohesiveFT: VC-backed company founded in 2006

- The Elastic Server platform launched in Feb 2007 as the industry's first automated web-based "factory" for clouds. Custom servers can be assembled in minutes and deployed to your cloud or virtual environment

- To date, 2,258 users have created 5,466 Elastic Servers

- Our VPN-Cubed product enables portability and secure cloud migration of customer controlled infrastructure

- Experienced executive team has a rich history of successful startups, IT and Web 2.0 experience

- Offices in Chicago, London and Palo Alto

InfoWorld
TOP 10
Technology
Startups
RISING STAR ★ 2008

InformationWeek

20 Cloud Computing Startups You Should Know

"We are pleased to see an innovative solution like CohesiveFT leveraging Amazon Web Services to provide cost effective, web-scale infrastructure for their customers."
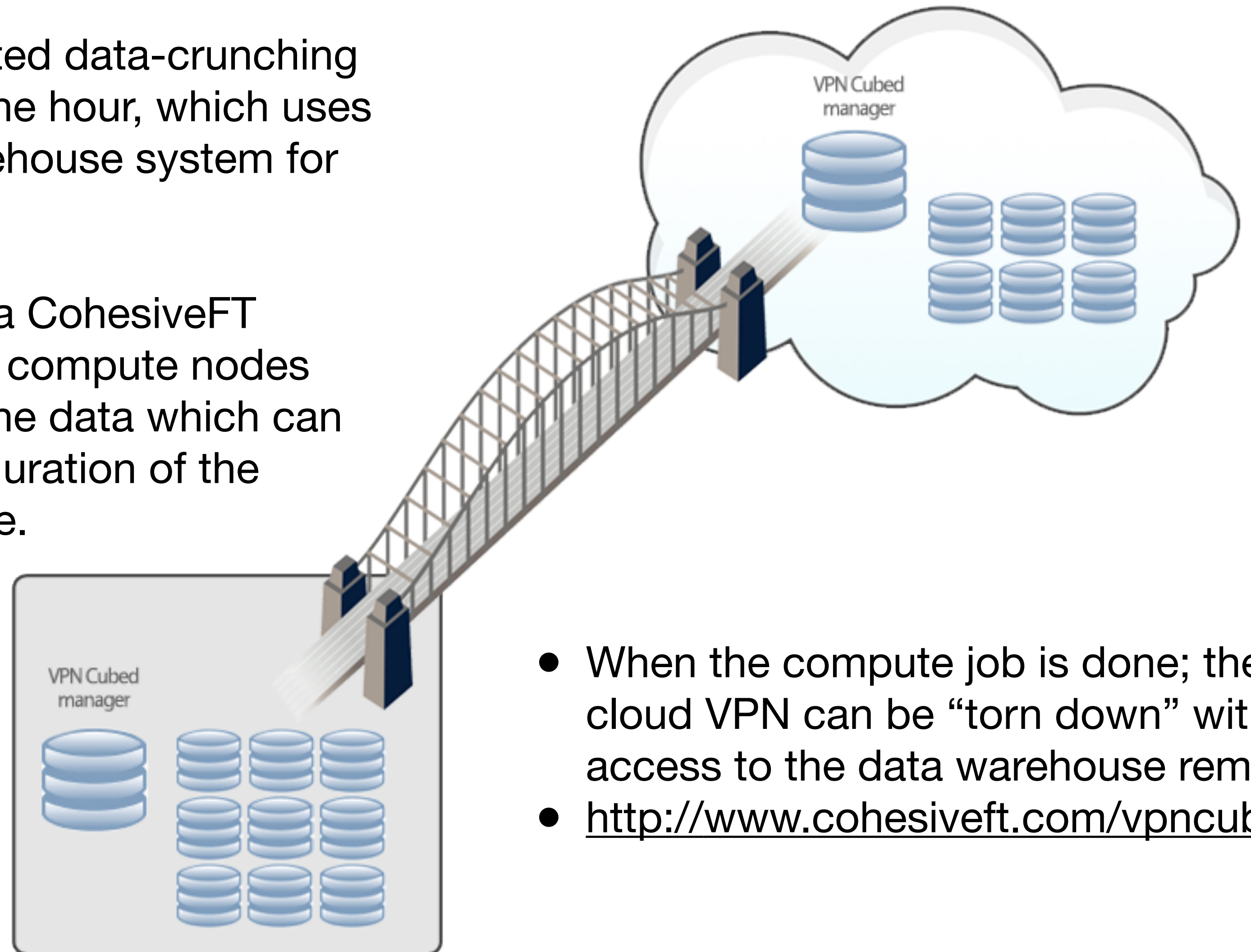- Jeff Barr, Senior Evangelist for Amazon Web Services™

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We help you migrate

Consider a remotely hosted data-crunching cluster that you rent by the hour, which uses your corporate data warehouse system for its input.

- Put both ends inside of a CohesiveFT Cloud VPN. The cluster compute nodes have secure access to the data which can be enabled just for the duration of the compute grid's existence.

VPN Cubed manager

VPN Cubed manager

- When the compute job is done; the cloud VPN can be "torn down" with no access to the data warehouse remains
- http://www.cohesiveft.com/vpncubed

http://elasticserver.com/site/django

The Django Python-based Web application framework brings to Python developers the same kind of ease of use and rapid development capabilities that Ruby on Rails brings to Ruby developers. **Assemble and download your own custom Django/Python servers in minutes!**

Check out our Google AppEngine Elastic Server Site as a great way to test your Django Webapp before uploading to the AppEngine!

Original Django announcement
About CohesiveFT and the Elastic Server Platform
CohesiveFT Home

Ask us how you can own this portal

Python Interpreter *
Python 2.5

Django Framework *
Django 1.0

Deployment Options
☑ **Apache + mod_python**

mod_python 3.3.1. Includes a demo application at http://elastic_server_ip/cftdemo/

Database Options
☑ MySQL Server 5.0.32
☑ Python libraries for MySQL (MySQLdb 1.2.2)

Django Resources

↘ **Django Book**

You can read the entire Django Book for free. Read the first few chapters as your first introduction to Django.

↘ **Django Community**

↘ **Other Docs**

- django.admin.py and manage.py Utilities
- Using Django with mod_python
- FAQ
- MORE

↘ **Getting Started with Django**

Python Resources

🐍 Download Current Documentation

🐍 Python Community Home

🐍 Python Tutorial

🐍 Python Library Reference

🐍 Python/C API

🐍 Python 5 Minute Screencast

18 hours ago

ISO as output option 22 days ago

Vista OS VM has no internet access but I can SSH to it 5 days ago

Updates stuck in a loop 7 months ago

Why can't i change the default password away from admin? 13 days ago

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More Amazon AWS Management Options

1/9/2009

It seems like there is a little of that holiday spirit hovering around into this new year. It was nice...

3...2...1...Happy KVM!

1/7/2009

What's new in 2009? Well, the addition of KVM (Kernel Virtual Machine) format as a deployment option on the Elastic...

European Templates for your Convenience

1/6/2009

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Example: Django + Ubuntu on EC2

Bundles [clear cart]

from portal: django

- 📦 MySQL 5 - CFT Rubberband [5.0.32] [x]
- 📦 python 2.5 bundle [1] [x]
- 📦 python mysqldb lib bundle [1.2.2] [x]
- 📦 mod_python bundle for django [3.3.1] [x]
- 📦 django portal installer [2] [x]
- 📦 django files [1.0] [x]

➕ **Add more bundles**

Virtualization Format

⬇ Download
- ○ VMware
- ○ Parallels
- ○ Xen
- ○ KVM
- ○ VirtualIron

☁ Cloud
- ○ EC2 Small
- ○ EC2 Large
- ● EC2 Extra Large
- ○ EC2 High CPU Medium
- ○ EC2 High CPU Extra Large

System Configuration

Operating System
- ○ DaISY Linux
- ● Ubuntu - Hardy Heron (8.04LTS)
- ○ Ubuntu - Intrepid Ibex (8.10)

Ready To Build?

Elastic Server name

Ubuntu HH Django Server for EC2

Description

demo for Canonical

☑ Use a static password. ⓘ
☑ Share server in public directory

Amazon EC2 Options
Build credentials:

7984-8873-4886 - rabbit-shakeapp ⬍

After creating image:
- ● Upload and launch instance on Amazon ⓘ
- ○ Upload to Amazon ⓘ
- ○ Do not upload to Amazon ⓘ

Amazon EC2 Region ⓘ US East ⬍

☑ Build Now   📄 Save as Template

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To migrate to the cloud safely,

visit CohesiveFT at www.cohesiveft.com

or contact us at marketing@cohesiveft.com

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