# The Database Server is About to Have a Terrible Accident: Disaster Recovery in a Time of Cloud

Corey Quinn

@QuinnyPig

# The Database Server is About to Have a Terrible Accident: Disaster Recovery in a Time of Cloud

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# What does Corey do?

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# Twitter For Pets

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# Incorporate

# Set up bank accounts

# Lease Office Space

# Convince Developers to Work for $8 and a Candy Bar (Maybe call it equity?)

# Draft Operating Agreement

# Swindle Venture Capitalists

# Have a Logo Created

# Print Business Cards

# Hire an Accountant

# Buy an Obnoxiously Large Vehicle

# Force everyone to move to San Francisco

# Build a Marketing Website

# Deal with Twitter's Cease & Desist

# Buy Business Insurance

# Maybe write the app?

# ToDo List

- Incorporate
- Set up bank accounts
- Lease office space
- Convince developers to work for $8 and a candy bar. Probably going to need to call the candy bar "equity..."
- Draft operating agreement
- Swindle venture capitalists
- Have a logo created
- Print business cards
- Hire an accountant
- Buy an obnoxiously large vehicle
- Force everyone to move to San Francisco
- Design and build the website
- Deal with Twitter's C&D
- Buy business insurance
- Maybe write the app?

Let's talk about my infrastructure.

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# High Availability
# vs
# Disaster Recovery

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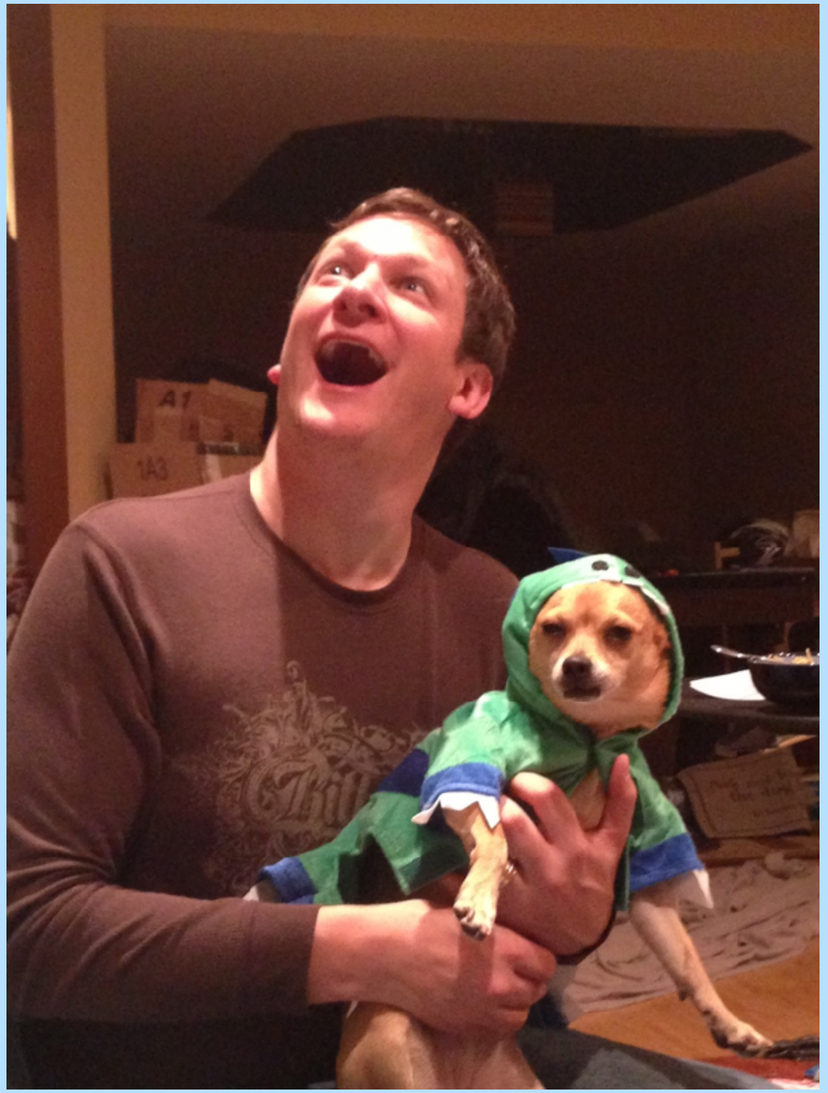

High Availability will not protect you from me.

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# Jenkins

# Stateful Things

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"How much downtime is acceptable?"

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amazon web services SERVICE HEALTH DASHBOARD

Amazon Web Services » Service Health Dashboard

# Current Status - Oct 8, 2016 PDT

Amazon Web Services publishes our most up-to-the-minute information on service availability in the table below. Check back here any time to get current status information, or subscribe to an RSS feed to be notified of interruptions to each individual service. If you are experiencing a real-time, operational issue with one of our services that is not described below, please inform us by clicking on the "Contact Us" link to submit a service issue report. All dates and times are Pacific Time (PST/PDT).

**North America** | South America | Europe | Asia Pacific

Contact Us

| Current Status | Details | RSS |
|---|---|---|
| Amazon API Gateway (N. Virginia) | Service is operating normally | |
| Amazon API Gateway (Oregon) | Service is operating normally | |
| Amazon AppStream (N. Virginia) | Service is operating normally | |
| Amazon CloudFront | Service is operating normally | |
| Amazon CloudSearch (N. California) | Service is operating normally | |
| Amazon CloudSearch (N. Virginia) | Service is operating normally | |
| Amazon CloudSearch (Oregon) | Service is operating normally | |

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PAST DUE
ELECTRIC SERVICE TERMINATION NOTICE
ACCOUNT NUMBER: BR549
SERVICE ADDRESS:
Electric Consumption History
2406
1925
1444
962
481
0
N D J F M A M J J A S O
Activity Since Last Bill
Last Bill Amount 173.14
Payments 0.00
Adjustments 0.00
Late Charges 0.00
Balance Forward 173.14
CURRENT CHARGES
Multiplier
Prior Reading
Prior Read Date
Current Reading
Current Read Date
Usage
Meter Number
Amount
ELECTRIC
1.000
60739
11-Sep-08
62832
13-Oct-08
2093
49116
204.93
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amazon
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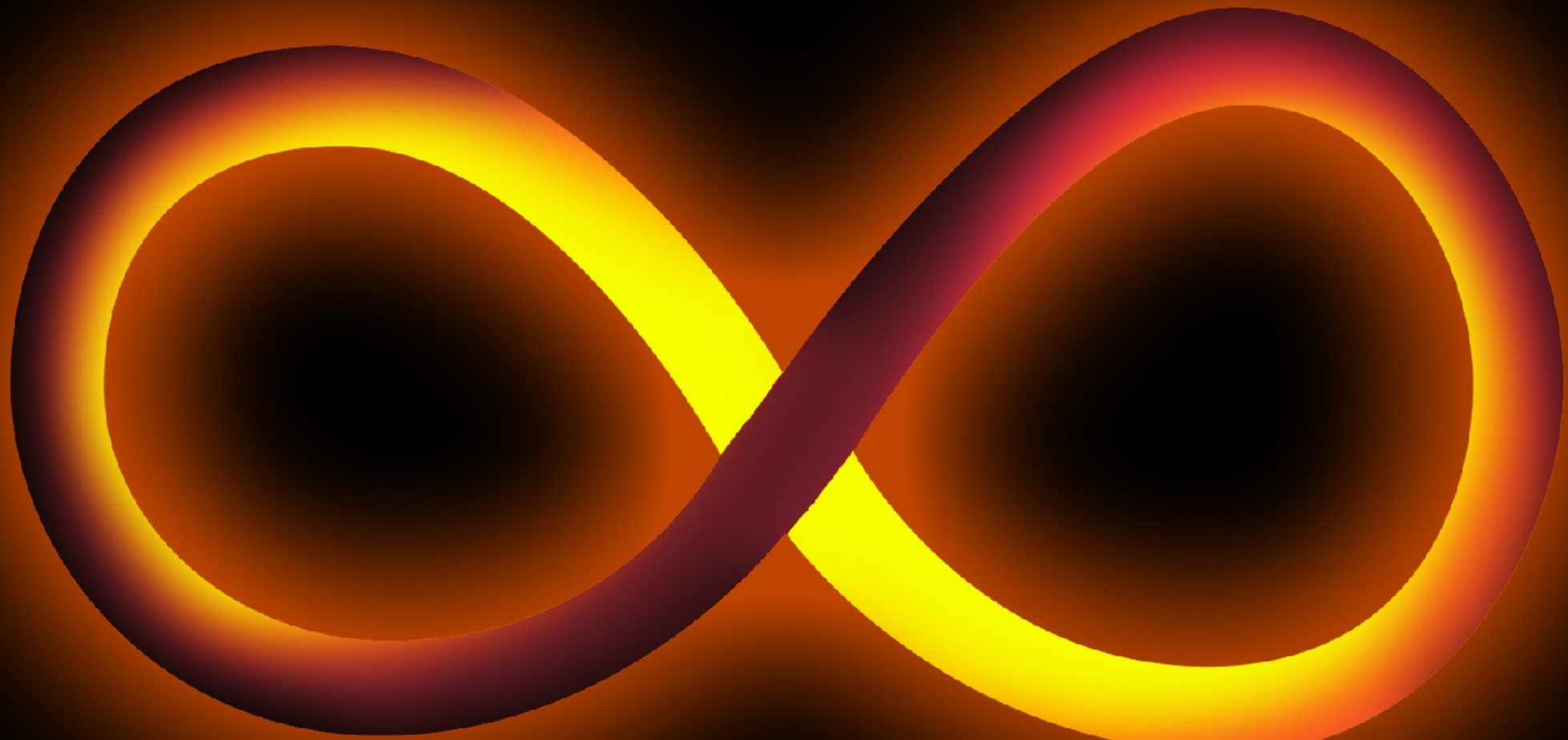

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# Verizon Cloud will go offline for up to 48 hours

5 January 2015 | By Max Smolaks

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FINISH
LINE
AHEAD
Not!
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| Services Offered: | Northern Virginia | Oregon | Northern California | São Paulo | GovCloud |
|---|---|---|---|---|---|
| Amazon API Gateway | ✔ | ✔ | | | |
| Amazon AppStream | ✔ | | | | |
| Amazon CloudSearch | ✔ | ✔ | ✔ | ✔ | |
| Amazon CloudWatch | ✔ | ✔ | ✔ | ✔ | ✔ |
| Amazon CloudWatch Events | ✔ | ✔ | ✔ | ✔ | |
| Amazon CloudWatch Logs | ✔ | ✔ | ✔ | ✔ | ✔ |
| Amazon Cognito | ✔ | ✔ | | | |

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Slides of this talk are at twitterforpets.com

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