Resources and Links

From HUIT Architecture Advisory Group

Contents

[hide]

Resources and Links

As we develop the architecture we will collect information on a broad rage of technologies from the cloud to automation/orchestration approaches. This section if for material not otherwise captured on this site.

Shared code

We should try to be as open about our implementations as we can, and use the HUIT GitHub environment:

- https://github.com/huit/

Amazon Web Services Resources

Oracle Apps on EC2

Running Oracle Financials and PeopleSoft on AWS, prebuilt AMIs and demos with both of those. Here is more info:

- http://aws.amazon.com/solutions/global-solution-providers/oracle/labs/

- http://aws.amazon.com/solutions/global-solution-providers/oracle/faqs/

Amazon AWS Security

In terms of security -- here is the security whitepaper I mentioned during last week's meeting:

- http://media.amazonwebservices.com/AWS_Security_Whitepaper.pdf

AWS SLED Roadshow Tutorials

- [FY2013 AWS SLED Roadshow - Kickoff and Overview](#)

- [FY2013 AWS SLED Roadshow - Best Practices](#)

- [FY2013 AWS SLED Roadshow - Service Drill Downs](#)

- [FY2013 AWS SLED Roadshow - AWS Support Plans](#)

- [FY2013 AWS SLED Roadshow - TCO Considerations](#)

- [FY2013 AWS SLED Roadshow - Customer Case Studies](#)

- [FY2013 AWS SLED Roadshow - Migrating Applications](#)

- [FY2013 AWS SLED Roadshow - Pricing & Architecting for Low Cost (Link to an online course book)](#)

- [Hands-On Lab =96 IAM](#)

- [Hands-On Lab =96 EC2](#)

- [Hands-On Lab =96 EBS](#)

- [Hands-On Lab =96 S3](#)

- [Hands-On Lab =96 VPC](#)

- [Hands-On Lab - Load Balancing](#)

- [Hands-On Lab - CloudFormation<](#)

CloudFormation

Main documentation:

- http://aws.amazon.com/documentation/cloudformation/

Links to example templates:

- http://aws.amazon.com/cloudformation/aws-cloudformation-templates/

High Availability NAT in a VPC

Systems inside a VPC on private subnets require NAT in order to access S3 storage. A single NAT would then be a single point of failure. While Amazon is aware of this, they have no formal solution but have put up a work around that should be part of any deployment that we make. The details are on the [AWS site](#). An [example](#) is also provided.

Gameday Testing

Talk that OFA's Director of Engineering recently did on that:

- http://www.youtube.com/watch?v=LCZT_Q3z520

Netflix Simian Army blog post

- http://techblog.netflix.com/2011/07/netflix-simian-army.html

and repos

- https://github.com/Netflix/SimianArmy

Software Engineering Tools

- An [AWS Toolkit for Eclipse](). This also includes the AWS SDK for Java.
- A Python interface to AWS [boto]().
- The Amazon AWS [cli]().

Interesting Technologies

There are far more technologies and software packages than any institution could ever use. Many of them overlap, others occupy a unique niche. The technology roadmap to be developed will be informed by looking at some or all of this list. Others are just interesting references.

- OpenNebula Virtual Infrastructure Manager driver from libvirt. [Read more....]()

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