

Amazon Web Services (AWS)

Welcome to the Ranch!

Blaine @ NAATW 2017 in Sacramento

Mainframe to Cloud in 15 minutes

Pace-layering

<https://cio-wiki.org/home/loc/home?Page=Gartners-PACE-Layered-Application-Strategy>

<http://slideplayer.com/slide/1501243/5/images/5/Different+application+components+evolving+at+different+speeds.jpg>

Bimodal IT

<http://leadingagile.wpengine.com/wp-content/uploads/2016/02/Bimodal-IT-workload-automation-gartner.jpg>

<http://slideplayer.com/4890473/16/images/5/Pace+Layering+and+Bimodal+IT+Are+Complementary.jpg>

Scale Up / Scale Out

<https://image.slidesharecdn.com/hitchhikersguidetothecloud-oscon-2013-130724152134-phppapp01/95/oscon-2013-the-hitchhikers-guide-to-open-source-cloud-computing-11-638.jpg?cb=1374679576>

<https://mwasyou.github.io/securinets-cloud-prez/slides/img/2/scale-up.png>

Pets vs Cattle

<http://cloudscaling.com/blog/openstack/the-ranchers-dilemma/>

<http://cloudscaling.com/blog/cloud-computing/the-history-of-pets-vs-cattle/>

<http://cloudscaling.com/assets/media/2016/cloud-computing-patterns-are-different.jpeg>

<https://image.slidesharecdn.com/googlecloudplatform-kubernetesvotreassurance-viepourlecloudpariscontainerday2016-160706123026/95/paris-container-day-2016-kubernetes-votre-assurancevie-pour-le-cloud-google-cloud-platform-14-638.jpg?cb=1467808596>

Third Platform

https://en.wikipedia.org/wiki/Third_platform

<https://www.capgemini.com/wp-content/uploads/2017/07/microservices.jpg>

<http://cloudscaling.com/assets/media/2016/the-first-second-and-third-platforms.jpeg>

<http://cloudscaling.com/assets/media/2016/the-fundamental-difference-between-p2-and-p3.jpeg>

Devops

<http://web.devopstopologies.com>

The Cloud

VPS vs VM — Containers — Microservices

<https://www.cloudberrylab.com/blog/wp-content/uploads/2016/05/Google-CE-vs-MS-Azure-VM-vs-Amazon-EC2-blogpost-cover.png>

<https://i.stack.imgur.com/pG94l.png>

https://media.licdn.com/mpr/mpr/shrinknp_800_800/AEAAQAAAAAAkhAAAAJGYxMTc4ODg2LTkyZjAtNDYzOC04NmZkLTlhZjQxNjBiMjk1NQ.jpg

The AWS Cloud

Gartner Quadrant

https://www.gartner.com/resources/315200/315215/315215_0001.png?reprintKey=1-2G45TQU

AWS

<https://aws.amazon.com>

<https://aws.amazon.com/free/>

<https://amazonlightsail.com/pricing/>

<https://d0.awsstatic.com/aws-answers/answers-images/software-vpn-appliances.png>

<https://aws.amazon.com/ecs/>

<https://image.slidesharecdn.com/webinarfleetmanagementwithautoscaling2017-03-23-170327215401/95/automating-management-of-amazon-ec2-instances-with-auto-scaling-march-2017-aws-online-tech-talks-2-638.jpg?cb=1490651712>

Docker

<https://qjzgi1yq6h412dbb267gpl71-wpengine.netdna-ssl.com/wp-content/uploads/2017/01/linux-vs-docker-comparison-architecture-docker-components.png>

<http://debugmycode.com/wp-content/uploads/2016/12/dock-dock.jpg>

AWS - Elastic Beanstalk

<https://image.slidesharecdn.com/awsdevday-containers-runningmicroservicesanddocker-adhirajsingh-160624170451/95/aws-elastic-beanstalk-running-microservices-and-docker-6-638.jpg?cb=1466806229>

<https://image.slidesharecdn.com/ecs-dockermeetup-160118102441/95/aws-ecs-quick-introduction-7-638.jpg?cb=1453116850>