

Introduction To DevOps

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What is DevOps

- Contraction of the words
Development and Operations
- Cross Discipline People
- Automated provisioning and
deployment
- That sounds like process? Some
people don't like that word ;-)



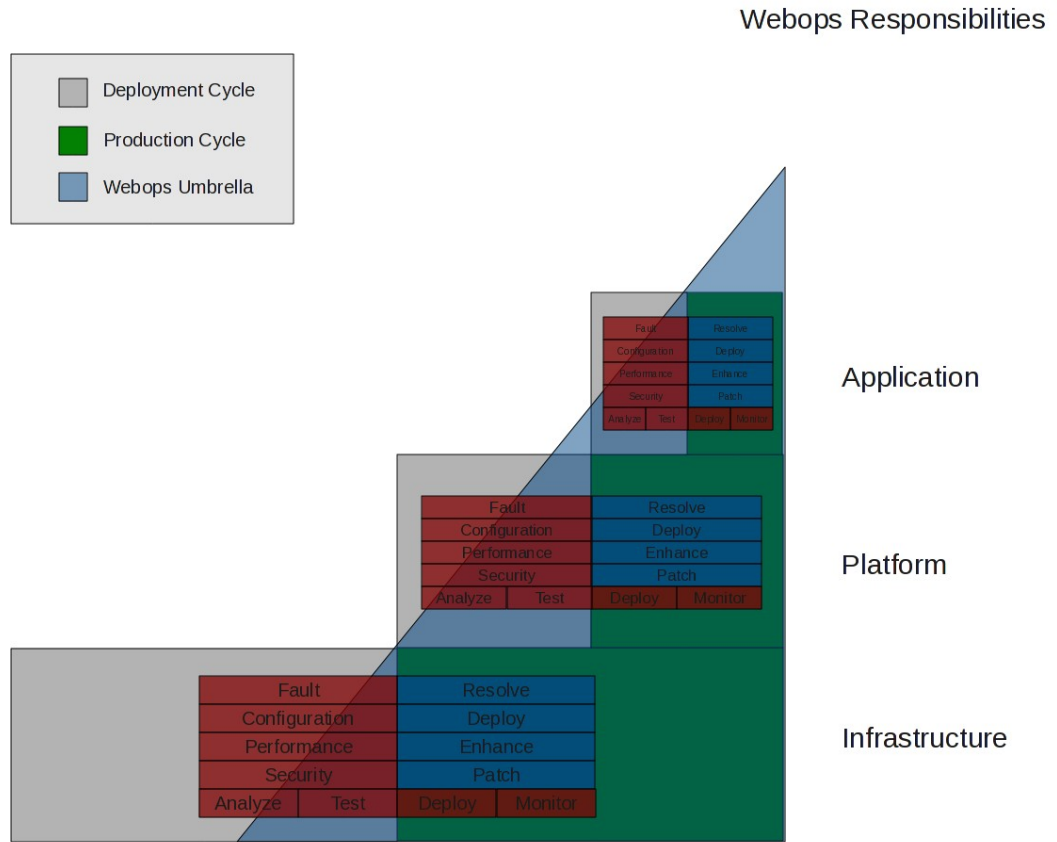
Driving Factors

- Open Systems
- Large web properties and applications
- Software as a service
- Virtualization and Cloud through APIs

History

- Traditional IT: Buy & Deploy
- Outsourcing: Full Service
- Ecommerce
- PaaS, IaaS, SaaS
- DevOps

WebOps Responsibilities



Operations Workflows

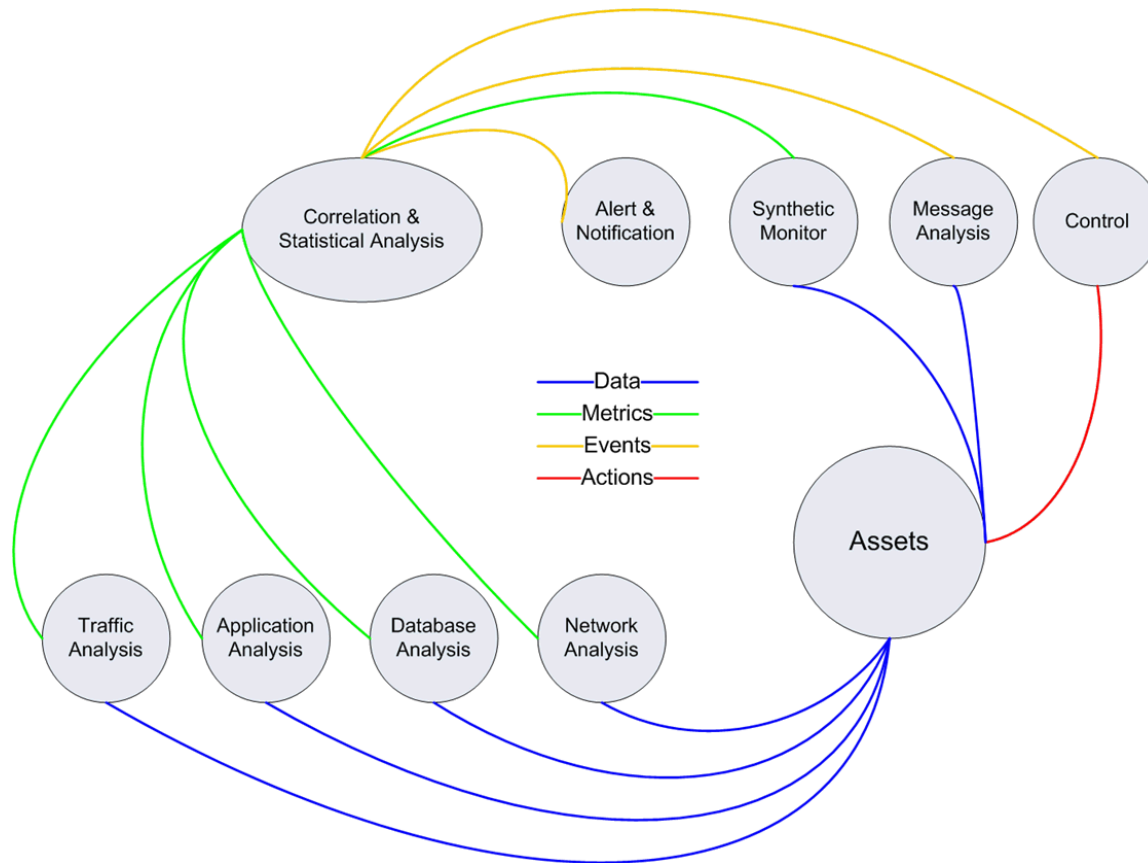
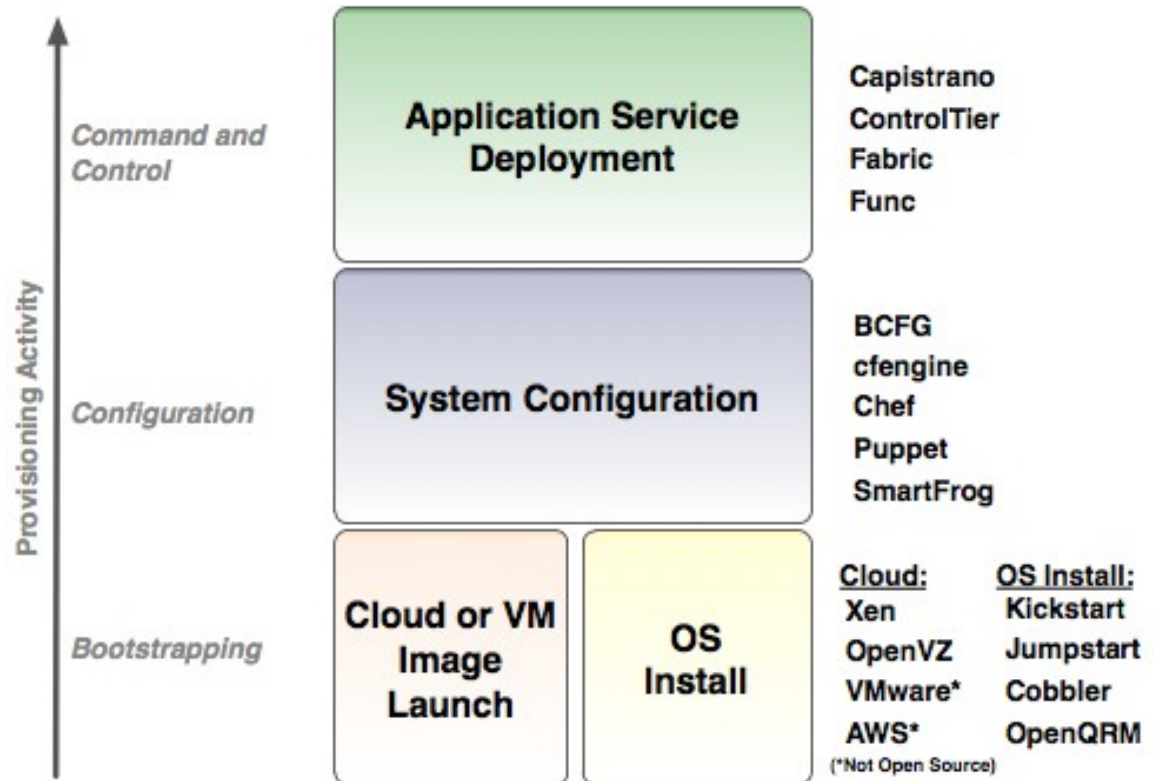


Image By: Ernest Mueller

Toolchain



Testing, Resolution, Science

- Good real time tests can be difficult with out proper tooling and skill sets
- Some resolutions require a quantitative solution, others a qualitative solution
- Right after you finish testing something, it could be broken again

DevOps = Samurai



- Server Hardware
- Network Hardware
- Infrastructure Software
- Platform Software
- Application Software
- Programming/Engineering
- Business Acumen
- Theoretical Scientist
- Experimental Scientist
- Philosopher
- Passion
- 24/7/365

Jobs

1 - 6 of 6 results				1
View: Summary View Detail View		Sort By: Relevance Date		
  Job Title	Company	Location	Date	
Java Software Developer	Volt Services Group	San Diego, CA	May-05	
Sr Software Engineer	Technisource	San Diego, CA	May-06	
Software Architect	Star4ce	NYC, NY	Apr-28	
Senior Java Software Developer	Advanced Software Talent	San Diego, CA	May-05	
Senior Java / Test / Automation	Kforce Technology Staffing	San Diego, CA	May-06	
Software Architect	Goahead Solutions	New York, NY	May-06	

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Final Thoughts

- DevOps is probably here to stay
- The future of our industry becoming more engineering based and may eventually require special university level curriculum
- Samurai + automation = DevOps

Good Links

- <http://code.google.com/p/devops-toolchain/wiki/DevOps>
- <http://www.kartar.net/2010/02/what-devops-means-to-me/>
- <http://www.jedi.be/blog/2010/02/12/what-is-this-devops-thing-anyway/>