amazee.io

Fully managed Cloud and Dedicated Container Hosting based on Lagoon

Consulting Services

- Host anywhere in the world

- 24x7 Chat-based Support from Senior Systems

  Engineers (no first-level support / triagers)

- Everything Open Source

- Global clients including:

  Governments, Financial services, Universities,

  Media, Agencies, Startups

- Development operations

- Continuous delivery

- Code management

- Performance

- Application architecture

Key features

- Fully congruent environments
- Containerized, docker-based devops
- 24/7 Monitoring
- Automated daily backups stored for seven days
- GDPR compliance
- Git deployments
- Automated weekly backups stored for 30 days
- Unlimited number of local dev environments
- 24/5 Chat support
- 24/7 Emergency phone support

Compatibility with any open source framework:

☑ **PHP:** Drupal, Wordpress, Joomla, Symfony, Laravel, Magento

☑ **Python:** Django, CKAN, Wagtail

☑ **Ruby:** Radiant, Refinery, Locomotive

☑ **Node.js:** Ghost, KeystoneJS, ApostropheCMS

☑ Nginx, MariaDB, PostgreSQL, Solr, Elasticsearch, MongoDB, Varnish, Redis, RabbitMQ

Lagoon

Container Hosting for Developers

- Everything Containerized
- Local congruent to Production
- Completely Open Source
- Works with: Kubernetes & OpenShift
- API First (GraphQL)
- Can host more than Drupal
- Every Config is viewable and can be changed in Dockerfiles, tested locally and then deployed

lagoon
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Lagoon development processes and code management

Local development

- Based on Docker with no knowledge of Docker required
- Lightweight and faster than Vagrant/Virtual Machines
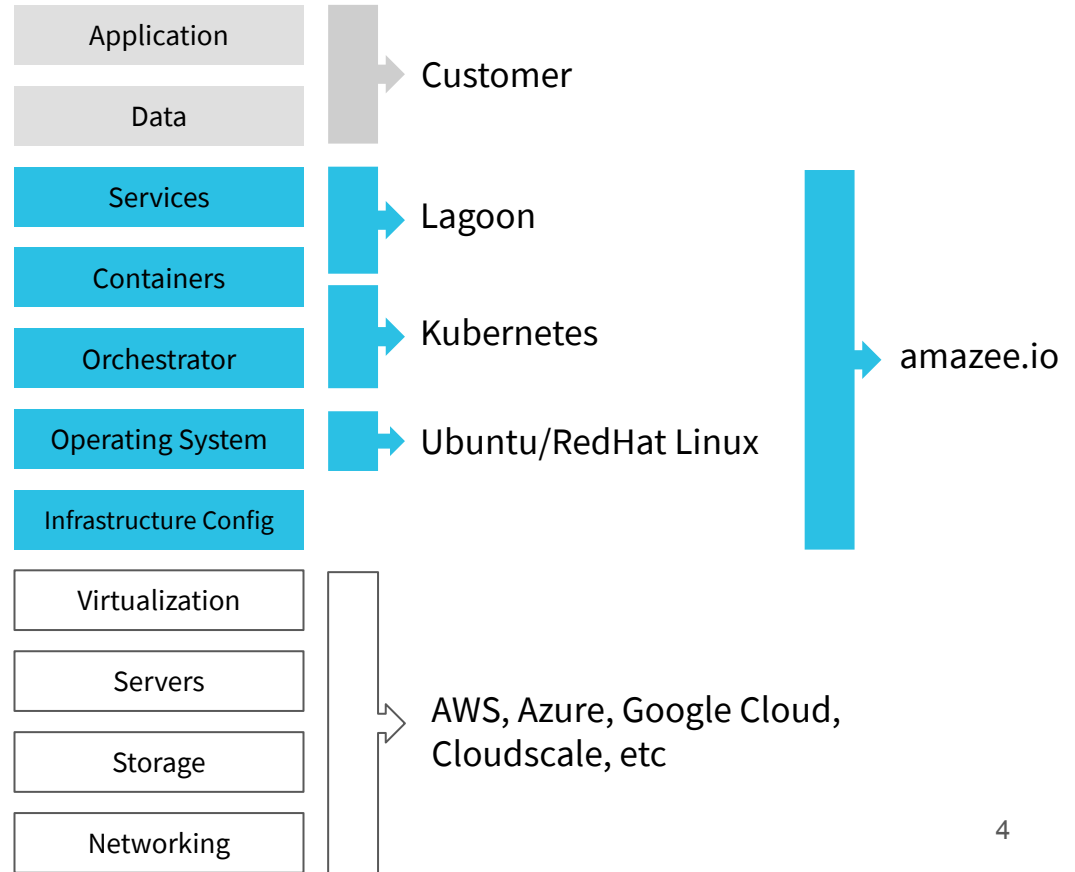- The same Docker Images for development and production

Automated testing

- Integration with TravisCI, CircleCI, Jenkins or other build systems possible
- Start Lagoon container inside CI build and run automated tests!

Deployments

- No forced merging or branching workflows
- Complete freedom for Developers (GitFlow, GitHubFlow)
- Based on GIT
  - Use own Git Hosting (Github, Gitlab, Bitbucket, own Git Server)
- Only requirement: Git read access & Webhook on Git push
- Additional deployment tasks definable inside .lagoon.yml file

Platform as a Service

Application		Customer
Data		
Services		Lagoon
Containers		
Orchestrator		Kubernetes
Operating System		Ubuntu/RedHat Linux
Infrastructure Config		amazee.io
Virtualization		
Servers		AWS, Azure, Google Cloud, Cloudscale, etc
Storage		
Networking		

amazee.io Dedicated Hosting

Key benefits

- Dedicated infrastructure with full ability to customize and scale up to bring on additional sites from other regions and using a range of technologies including Magento
- Built-in automated testing
- CDN for fast page load times and increased security
- 99.9% uptime guarantee
- 24x7 chat support and monitoring
- On-demand test environment creation
- Application security best practices
- Full visibility and customer control of code and infrastructure (can change providers anytime or bring system in-house)

amazee.io High Available Cloud Hosting

Key benefits

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GovCMS (Australian Government's web distribution platform)

Challenge: *Re-architect GovCMS's platform, services, and operations to fully utilize open source technology and leverage cutting edge technology.*

Solution: *Leverage the open source hosting platform, Lagoon, by amazee.io and introduce best practices around Drupal multi-site management, continuous delivery, and enterprise-grade security*

"GovCMS websites will operate in a fully containerised environment which will reduce and simplify agency development efforts, with the same setup and configuration across environments. All SaaS websites will be highly available, with a guaranteed uptime of 99.99% and have self-healing capabilities."
- finance.gov.au

Stats

- Over 270 sites are live on GovCMS
- 87 individual agencies utilizing platform
- ~150 active developers
- 12.7M requests handled across SaaS sites last month

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Vlaanderen (Government of Flemish region of Belgium)

Challenge: *Build a robust, scalable hosting solution that meets all relevant government standards and expectations while being flexible enough to host a broad stack of the latest technologies*

Solution: *Implement and maintain Lagoon as an integrated solution on the client's dedicated AWS account, customizing it with integrations to support advanced logging, monitoring, and application development.*

"Our developers really love the smooth deployment path and the obvious robustness and scalability of the infrastructure."
— Tomas Fülöpp, ICT Architect at the Flanders Information Agency

Results

- Infrastructure cost reduction
- State-of-the-art and constantly improving infrastructure
- Enthusiastic collaboration on architectural and technical challenges
- Smooth Git-based deployments
- Robust and scalable system
- Complete flexibility to run anything that can run in Docker