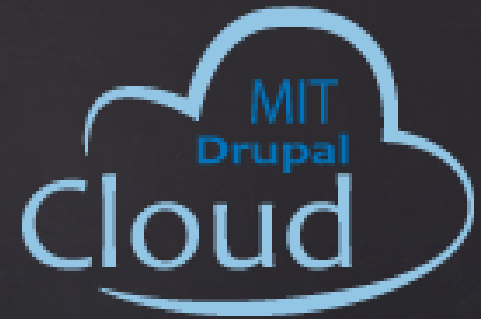


Introduction to Drupal Cloud

{ Drupal as a Service @ MIT



Drupal Cloud Team

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What is Drupal Cloud?

- Self-service offering that provides a simple, secure and flexible way for members of the MIT community to create and manage websites.
- Leverages the Drupal CMS as the platform

Why Drupal?

- It's Developer friendly!
- Flexible and Powerful
- The community
- Security
- Consistent Improvement

Goals of Drupal Cloud

- Give the community a relatively quick way to get a website up and running at no cost.
- Stop ourselves from repeatedly paying for the same things.
- Allow the user to focus on what's important to them:
The Content

What the service offers

- Quick sign up/site registration
- Hosting on our infrastructure
- Security and Maintenance updates
- Access to MIT Adaptive – a customized Drupal distribution

What about the self-service part?

- Not offered: Developer resources for site building
- Not offered: Help Desk level support or Training
- Offered: An open ear to the community
- Offered: A community website and Documentation
- Offered: The ability to leverage 3rd party services

MIT Adaptive distribution

- Special selection of contributed modules
- Custom themes
- Custom modules
- Preconfigured site settings

Contributed Modules

(Modules provided to us by the Drupal community)

- Identify
- Integrate
- Configure

Themes

(We only have one ☹)

- MIT Adaptive theme – flexible and responsive
- More themes on the way!
- Ask about our “Deal of the Century”

Custom Modules

(We have lots of these 😊)

- MIT Events
- Cloudhelper
- Shibboleth
- CSS Injector Images/Fonts

What can't users do!?

- Install their own themes
- Install their own modules
- Have OS/code level access

Let's Compromise!

- Do: Administer modules! (Wait...)
- Do: Administer permissions and roles! (What?!)
- Do: Upload media resources and create your own CSS!

Administer Modules

- This is definitely a security vulnerability in the wrong hands
- Potential to break site: HIGH
- Can't people with this ability install modules through the UI?

:: Enter Module Assign ::

Permissions and Roles

- Gives a user all the power they need to perform administrator mutiny. (Yarr... ☹)
- Ability to take over user 1 – root user
- Enable permissions not originally given or intended for them to have.

:: Enter User One, Roles Enable and

Permission Assign ::

What does this all mean?

- We're giving users a very open and flexible experience.
- We've reached a good compromise. The community thus far is pleased with the amount of power at their finger tips..
- If we receive feedback about functionality that isn't on our radar, we will be open to have a conversation about implementing it.

Drupal Cloud Roadmap

- Launch new Community Site
- Create an advisory committee
- Fully Automated
- Custom Modules scheduled for deployment
- Custom modules scheduled for development
- Integration with MIT News Office
- UI changes, alterations and updates.

Fun Facts

- Alpha Phase: October 2012 – 20 active sites
- Pilot/Beta Phase: January 2013 – 85 active sites
- Launch: June 2013
- We are working closely with our pilots: School of Engineering, CSAIL, etc.
- Interested in the infrastructure? Ask at the end, we're happy to discuss!

Demo and Examples!