

DSpace on AWS, Janitor and DSpace - Feb 27, 2018 at 1600UTC

This is the first meeting in a new series for DSpace Developers: [DSpace Developer Show and Tell Meetings](#)

Logistics

Time: Feb 27, 2018 at 16:00 - 17:30 UTC (11AM ET - 12:30PM ET)

Location: <https://duraspace.zoom.us/my/dspace>

Note: this meeting will be recorded

Agenda

- Basic deployment of DSpace in AWS (Amazon Web Services) [Tim Donohue](#)
- Developing DSpace with [Janitor Patrick Trottier](#)

Meeting Poll

- <https://doodle.com/poll/6qecgxha3hxx969c>

Meeting Recording

Developing DSpace with [Janitor Patrick Trottier](#)

Note

 This presentation will be covered in Mar 2018

Basic deployment of DSpace in AWS (Amazon Web Services) using Puppet [Tim Donohue](#)

Topic: Talking through a very basic deployment of DSpace in the Cloud, similar to demo.dspace.org setup, using these tools:

- puppet-dspace: <https://github.com/DSpace/puppet-dspace> - Custom Puppet module that is used to install/deploy DSpace and all pre-requisites. Installs all prerequisites by "wrapping" calls to third-party modules listed below:
 - If you wish to install Tomcat via Puppet, requires usage of [puppetlabs-tomcat](#) module. Tomcat setup script is at: https://github.com/DSpace/puppet-dspace/blob/master/manifests/tomcat_instance.pp (i.e. dspace::tomcat_instance)
 - If you wish to install Postgres via Puppet, requires usage of [puppetlabs-postgresql](#) module. PostgreSQL setup script is at: https://github.com/DSpace/puppet-dspace/blob/master/manifests/postgresql_db.pp (i.e. dspace::postgresql_db)
 - If you wish to install Apache via Puppet, requires usage of [puppetlabs-apache](#) module. Apache setup script is at: https://github.com/DSpace/puppet-dspace/blob/master/manifests/apache_site.pp (i.e. dspace::apache_site)
 - See project README for more examples/info
- puppet-dspace-demo: <https://github.com/DSpace-Labs/puppet-dspace-demo>
 - Contains [Cloud-init](#) deployment scripts (see cloud-init.yaml) to setup server & call Puppet
 - Uses puppet-dspace + (all above listed) third-party puppet modules to install Apache, Tomcat, Postgres, and DSpace. The end result is a server/site that looks like <http://demo.dspace.org>
 - The entire Puppet setup script is at: <https://github.com/DSpace-Labs/puppet-dspace-demo/blob/master/manifests/site.pp>
 - See project [README](#) for much more info
 - *This project could be the basis for other basic cloud deployments of DSpace.*