

CONFIGURING DRUPAL FOR WEBACCESS

Dann Bohn
djb44@psu.edu

PREREQUISITES

- **SSL Certificate**
 - <http://securecerts.psu.edu>
- **SSH/Console Access**
 - <http://vmhost.psu.edu>
 - \$20/month!
- **Service name registration**
 - aithelp@psu.edu

OVERVIEW

- Install Cosign module
 - <http://weblogin.org>
 - <http://yum.vmhost.psu.edu>
- Configure Apache/Cosign
 - cosign.conf
 - ssl.conf
- Configure Drupal
 - .htaccess
 - Add Penn State users
 - Install Drupal modules
 - Securepages
 - <http://drupal.org/projects/securepages>
 - WebAccess
 - <https://drupal.psu.edu/fserver/project/webaccess>

INSTALL COSIGN MODULE

- **Subscribe to SDI repo**
 - <http://yum.vmhost.psu.edu/sdi-repo.sh>
 - Maintained by VMHosting Staff
 - Provides WebAccess Package
 - Includes Intermediate Certs
 - Includes PSU specific example configurations
 - Works with VirtualHosts / SELinux
- **Install Cosign Module**
 - `yum install webaccess`
 - That's it! (kind of)

CONFIGURE APACHE/COSIGN

- AllowOverride
 - Add within <Directory> block
 - AllowOverride All
- ssl.conf
 - (or whichever file has your SSL VirtualHost)
 - Include cosign.d/cosign.conf
- cosign.conf
 - CosignService
 - Service name you registered with AIT. Should match CN on the SSL cert
 - CosignCrypto
 - Path to SSL certificate, Key, and certificate directory
 - CosignAllowPublicAccess
 - Set to On. Allows anonymous access to
 - CosignProtected
 - Set to On Allows the SSL virtual host to have Cosign Protection
- cacetdir_rehash /etc/pki/tls/certs

CONFIGURE DRUPAL

- **.htaccess**
 - **Modify Rewrite Block, right above “RewriteRule” Directive**
 - “RewriteCond %{REQUEST_URI} !^/cosign”
 - Don’t rewrite any URI that starts with /cosign – used for cosign/validation
- **Add Penn State users**
 - `drush crt djb44 / drush urol editor djb44`
 - `/admin/people`
- **Install SecurePages**
 - <https://drupal.org/project/securepages>
- **Install WebAccess**
 - http://ets.tlt.psu.edu/wiki/Drupal_auth
- **Test Login**

COMMON PROBLEMS

- **Page not found!**
 - Rewrite Block is may be wrong
 - check .htaccess
 - check that Clean URLs are working, and that AllowOverride is On
- **/login redirects to the homepage!**
 - Check that CosignProtected is set to On
 - Check that the cosign.conf is being loaded via ssl.conf
 - Include cosign.d/cosign.conf
 - Rewrite Block could also need modified
 - Is securepages on?
- **Service Temporarily Unavailable**
 - Likely a poor SSL configuration
 - Does the webserver still serve on port 80?
 - Has cacertdir_rehash been run?
- **Error: Unknown Service**
 - Has the Service Name been registered / approved
 - Is there a typo in cosign.conf?