

dotCMS Server Administration Training Agenda

One Day (9AM-4PM)

1. Overview of Major Pieces:
 - a. Architecture (high level)
 - b. App Server (Tomcat)
 - c. Assets
 - d. Velocity Files
 - i. Macro libraries
 - ii. Static files
 - iii. Dynamic files
 - e. Database
 - f. Index
 - g. Cache

2. Configuring and Tuning dotCMS
 - a. Configuration plugin
 - b. Basic Memory Settings
 - c. Connectors (server.xml)
 - i. HTTP/HTTPS
 - d. Database (ROOT.xml)
 - e. Authentication (LDAP)
 - f. Local cache config
 - g. Local index config
 - h. Cluster Configuration
 - i. Cache Invalidation
 - ii. Indexing
 - i. Cache Tuning
 - j. Other Configurations
 - i. Assets path
 - ii. Dynamic content path
 - iii. Force captcha
 - iv. Language config
 - v. Show velocity files
 - vi. Log velocity templates
 - vii. Clickstream tracking
 - viii. TinyMCE configuration
 - ix. Scripting Support

3. Starting and Stopping dotCMS
4. Deploying Plugin

Break for Lunch

5. Backup and Restore
 - a. Using the CMS Maintenance Tooling
 - b. Manual backup and restore
 - i. Database
 - ii. Assets
 - iii. Plugins
 - iv. index
6. Upgrading dotCMS
7. Back-end Maintenance Tasks
 - a. Log files
 - b. Clearing the cache
 - c. Cache stats
 - d. Re-indexing
 - e. Managing indexes
 - f. Other Tools
8. Roles, Users, and Permissions
 - a. LDAP roles and users
 - b. Creating roles
 - c. System roles
 - i. CMS Admin
 - ii. CMS Anonymous/Current User
 - iii. CMS Owner
 - iv. LDAP User
 - v. LoggedIn Site User
 - vi. Login As
 - vii. Scripting User
 - d. Tabs and Tools
 - e. Role Inheritance
 - f. Creating Users
 - g. Managing Roles and Users
 - h. Permissions

9. Push Publishing
 - a. Push publishing configuration
 - b. Push settings for clustered servers
 - c. The Publishing Queue
 - d. What can/can't be pushed

10. Other Considerations
 - a. Block and page cache
 - b. License Management

11. Troubleshooting

12. External Resources

13. Questions and Answers