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