

Grouper Training Outline for System Administrators

[Link to main Grouper Training Page with all training videos](#)

Details on what's in the System Administrators training curriculum. Each major bullet is one training video.

- **Installer (quick start)**
 - Running the installer
 - Limitations
 - Detailed descriptions of prompts
- **Upgrader**
 - Introduction
 - How to use the upgrader
 - Demo
- **Patching**
 - Introduction
 - How to use the patcher
 - Demo
- **Minor Upgrade**
 - Instructions
 - Download new release
 - Use current config files
 - Diff and merge the new example configs
 - Turn off old services
 - Run change log one last time
 - Turn on new services
 - Test
- **Multiple Deployments and Upgrading**
 - Handling multiple deployments
 - Upgrading Grouper
- **API - Part 1**
 - Versioning
 - Download
 - Databases
 - DDL
 - Quickstart data
- **API - Part 2**
 - GSH
 - Various configuration options
 - Import/export
- **Subject API - Part 1**
 - Introduction
 - Source Adapters
 - Group Source Adapter
 - Entity Source Adapter
 - JDBC Source Adapter
 - Alternate JDBC Source Adapter
 - JNDI Source Adapter
- **Subject API - Part 2**
 - Other Options
 - Batching
 - Paging
- **Subject API - Part 3**
 - Virtual attributes
 - Internal attributes
- **Subject API - Part 4**
 - Member sorting and searching
 - Building your own source adapter
 - Subject filtering and attribute decorator
- **UI - Part 1**
 - Download
 - App servers
 - Apache
 - Authentication
 - Logging
- **UI - Part 2**
 - Lite vs admin
 - Text / languages / internationalization
 - Various configuration options
 - Customizing
 - Browser support
 - Accessibility
 - High availability
- **WS - Part 1**
 - Download
 - Install
 - Upgrade

- Authentication
- Ws-* security
- App servers
- **WS - Part 2**
 - Various configuration options
 - Logging
 - High availability
 - Monitoring
 - Troubleshooting
- **Client**
 - Download
 - Need to admin?
 - Customize for institution
 - Defaults
 - Usage
 - ID terminology
 - LDAP operations
 - Misc operations
 - Build and host
- **PSP - Part 1**
 - Packages
 - Download
 - Install
- **PSP - Part 2**
 - Design Decisions
 - Flat vs bushy for LDAP
 - Incremental vs Bulk
 - Methods of provisioning memberships to LDAP
 - Configuration Options
- **PSP - Part 3**
 - A demonstration of LDAP provisioning
- **PSP - Part 4**
 - Commands line options
 - Caching
 - Logging
 - Error handling
- **Loader - Part 1**
 - Configure
 - Run the loader
 - Types of ad hoc jobs
 - Simple SQL job
 - Tables vs. views
 - SQL groups of groups
 - Extra SQL features
- **Loader - Part 2**
 - Configure
 - Running the loader
 - Job types
 - SQL jobs
 - Simple LDAP job
 - LDAP group of groups
 - LDAP groups from attributes
 - Logging
- **Maintenance**
 - Pruning unused groups / audits
 - Grouper Diagnostics
 - Grouper Report
 - Bad Membership Finder
 - Unresolvable Subject Deletion Utility
 - Maintaining loader jobs
 - Granting access and delegating
 - Helping developers and architects with designs
 - Helping developers and architects with visibility into the namespace they aren't allowed to see
- **Connectors**
 - Connector architecture
 - Types of connectors
 - Quali Rice workflow integration
 - Confluence/Jira integration
 - uPortal integration
 - Atlassian integration
 - Atlassian architecture