

## Day - 1

- **Course outline**

- Perforce system overview and user interfaces
- Perforce system overview and user interfaces
- Basic user operations: creating workspaces, working with files and changelists, submitting changelists,
- Keeping workspaces in sync with the depot
- Parallel development: merging files, resolving file conflicts
- Branching and codeline management: creating branches, integrating changes between branches, using named
- Branch views
- Perforce Administration - Basic
- Installation
- Setup

- Protections
- Depots
- Email Reviews
- Perforce Jobspec
- Backup and Recovery
- Maintenance
- Monitoring
- Trigger Capabilities Overview
- Perforce Administration - Advance
- P4Broker
- P4Web
- P4Proxy
- Replication
- Security
- Advanced Administration
- Tools
- Introduction to Scripting with Perforce

- **Installing P4**

- Installing P4 on UNIX and OS X
- Installing P4 on Windows
- Verifying the installation

- **Managing Files and Changelists**

- Configuration overview
- Configuring Perforce settings
- Defining client workspaces
- Verifying connections
- Refining workspace views
- Changing the location of your workspace
- Configuring workspace options
- Configuring submit options
- Configuring line-ending settings
- Deleting client workspace specifications
- Security

- **P4 Commands**

- Command-line syntax
- Wildcards
- Specifying file revisions
- Reporting commands
- Using Perforce forms
- Help – p4 help, p4 info, "File Specifications", "Views", "Global Options", "File Types"
- Client workspace – p4 clean, p4 client, p4 clients, p4 flush, p4 have, p4 sync, p4 update, p4 where, p4 workspace, p4 workspaces

- Changelists – p4 change, p4 changelist, p4 changes, p4 changelists, p4 describe, p4 filelog, p4 opened, p4 reopen, p4 review, p4 shelve, p4 submit, p4 unshelve
- Branching and Merging – p4 branch, p4 branches, p4 copy, p4 integrate, p4 integrated, p4 label, p4 labels, p4 labelsync, p4 list, p4 merge, p4 populate, p4 tag, p4 resolve, p4 resolved
- Security – p4 login, p4 logout, p4 passwd,
- Environment – p4 set, "Environment and Registry Variables", P4CLIENT, P4CONFIG, P4EDITOR, P4HOST, P4PASSWD, P4PCACHE, P4PFSIZE, P4POPTIONS, P4PORT, P4ROOT,P4TICKETS, P4USER, PWD, TMP, TEMP

## Day - 3

- **Managing Files and Changelists**

- Managing changelists
- Diffing files
- Working offline

- **Merge Conflicts**

- How to resolve conflicts
- Locking files

## Day - 4

- **Codelines, Branching and Streams**

- Basic terminology
- Organizing the depot
- Populating Codelines
- Branching Codelines
- Integrating changes

- **Labels**

- Untagging files
- Listing files tagged by a label
- Deleting labels