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Document History

Date	Course Version No.	Software Version No.	Developer / SME	Change Record Remarks
	1.0	UNIX	Veena Deshpande	
30-Sep- 2009	1.1	UNIX	Kishori Khadilkar	Revamped with new methodology
14-Oct- 2009	1.1	UNIX	CLS team	Review
08-Jun- 2011	1.2	UNIX	Rathnajothi Perumalsamy	Revamp/Refinement
06-May- 2016	1.2	UNIX	Vishal Pachpute	Duration increased to 5 days
July 2016	1.3	UNIX	Vishal Pachpute	Revamped for BI LoT with 3.5 days duration

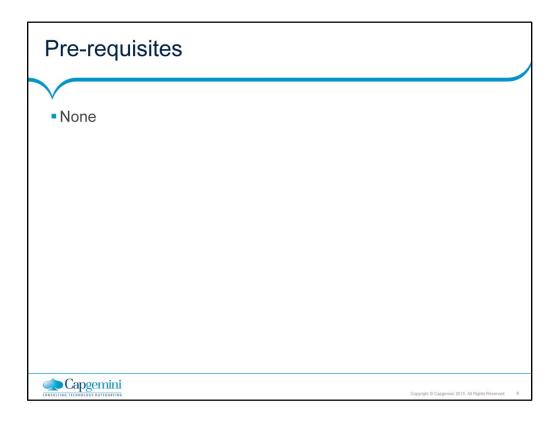


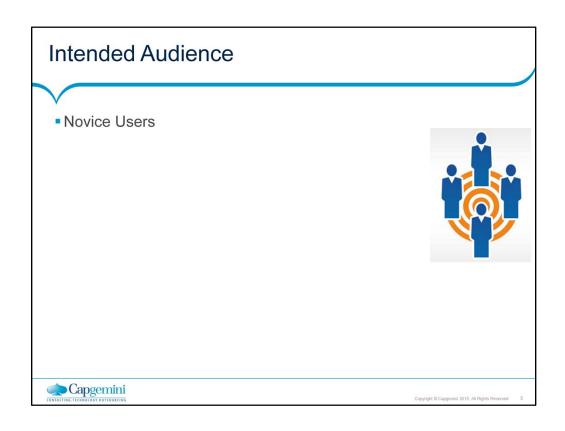
Course Goals and Non Goals

- Course Goals
 - To understand UNIX operating system, Shell commands, Introduction to Processes, Writing simple shell scripts
- Course Non Goals
 - NA









Day Wise Schedule

Day 1

Lesson 1: Introduction to UNIX and Basic UNIX commands

Lesson 2: UNIX file system

Lesson 3: Filters

Day 2:

Lesson 3: Filters (contd..)

Lesson 4: Introduction to Bourne Shell

Lesson 5: Vi Editor

■ Day 3:

Lesson 6: Processes and related commands

Lesson 7: AWK

Lesson 8: Shell Programming



Day Wise Schedule Day 4 (Half Day): Lesson 9: Source Code Control System

Capgemini CONSULTING TECHNOLOGY OUTSOURCING

- Lesson 1: Introduction to UNIX Operating System and Basic UNIX commands
 - 1.1: Operating System
 - 1.2: Basic UNIX Commands
- Lesson 2: UNIX File System
 - 2.1: File System
 - 2.2: File Types
 - 2.3: File Permissions
 - 2.4: File Related Commands
- Lesson 3: Filters
 - 3.1: Simple Filters
 - 3.2: Advanced Filters



- Lesson 4: Introduction to Bourne Shell
 - 4.1: Shell types
 - 4.2: Working of shell
 - 4.3: Metacharacter
 - 4.4: Shell redirections
 - 4.5: Command substitution
- Lesson 5: Vi Editor
 - 5.1: Vi Editor
 - 5.2: Input Mode Commands
 - 5.3: Vi Editor Save & Quit
 - 5.4: Cursor Movement Commands
 - 5.5: Paging Functions
 - 5.6: Search and Repeat Commands
 - 5.7: Vi Editor Other Features
 - 5.8: SED Introduction to SED
 - 5.9: SED Commands



- Lesson 6: Processes and related commands
 - 6.1: Process
 - 6.2: Parent and Child Processes
 - 6.3: Running a Command
 - 6.4: ps Command
 - 6.5: Jobs in the Background
 - 6.6: Process related commands
 - 6.7: Overview of Process Scheduling
 - 6.8: Lowering job execution priority nice command
 - 6.9: Process related commands
- Lesson 7: AWK Programming
 - 7.1: Advanced Filter awk
 - 7.2: AWK variables
 - 7.3: AWK
 - 7.4: Logical and Relational operators
 - 7.5: Advanced Filter awk
 - 7.6: Number Processing



- Lesson 7 :AWK Programming (contd..)
 - 7.7: awk Command
 - 7.8: BEGIN and END
 - 7.9: Positional parameters and shell variable
 - 7.10: Built in functions numeric
 - 7.11: If construct in AWK
 - 7.12: Pattern Matching
- Lesson 8 : Shell Programming
 - 8.1: Shell Variables
 - 8.2: Environmental Variables
 - 8.3: Shell script Commands
 - 8.4: Arithmetic Operations
 - 8.5: Command Substitution
 - 8.6: Command Line Arguments
 - 8.7: Conditional Execution



