
A presentation slide with a blue header and a white footer. The header contains the text "UNIX" in large white letters and "Lesson 00:" in smaller white letters. The footer contains the Capgemini logo and tagline "People matter, results count." on the left, and a smaller Capgemini logo with the text "IGATE is now a part of Capgemini" on the right.

UNIX
Lesson 00:

IGATE is now a part of Capgemini

People matter, results count.

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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

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



Pre-requisites

- None

Intended Audience

- Novice Users



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

Day Wise Schedule

- Day 4:
 - Lesson 7: AWK (contd..)
 - Lesson 8: Shell Programming
- Day 5
 - Lesson 8: Shell Programming(contd..)
 - Lesson 9: Source Code Control System

Table of Contents

- 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

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- 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

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- 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

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- 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

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- 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
 - 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

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- 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
 - 8.8: Calling PL/SQL block(procedure, function) from UNIX

Other Parallel Technology Areas

- Windows OS