





Course Fundamentals

This course contains the following basic components to ensure a maximum of learning efficiency

Component		Description
LECTURE		Lecture is the basis of the course and provides explanations, animations and illustrations to clarify the contents in the most efficient way.
NOTE		On the slides you will find a lot of notes indicating very important facts, hints and explanations.
QUESTIONS		At the end of each lecture there is a number of questions to prove your knowledge. These are questions how they are asked as well in the EMC Proven Professional Exam and are used here for review or further explanations.
LAB		At the end of each module there is an animated guided lab that gives you some practical skills and helps in understanding the discussed topics.

Agenda – Day 1

Time	Topic	Contents
09:00 AM – 09:15 AM	<i>Login and Introduction</i>	
09:15 AM – 10:45 AM	1. Planning and Implementation	architecture and storage types, cluster creation, role-based access control
10:45 AM – 11:00 AM	<i>Break</i>	
11:00 AM – 12:30 PM	2. Data Protection	file striping, protection levels, data layout, caching, read and write processes
12:30 PM – 13:15 PM	<i>Lunch Break</i>	
13:15 PM – 14:45 PM	3. Networking	front-end and back-end network, NIC aggregation, SmartConnect, name resolution
14:45 PM – 15:00 PM	<i>Break</i>	
15:00 PM – 16:30 PM	4. Access Management	access zones, file filtering, authentication structure, directory service configuration
16:30 PM – 17:00 PM	<i>Questions & Answers</i>	

Agenda – Day 2

Time	Topic	Contents
09:00 AM – 09:15 AM	<i>Login and Review</i>	
09:15 AM – 10:45 AM	5. Authentication and File Access	identity management, permissions mapping, protocol access, multiprotocol implementation
10:45 AM – 11:00 AM	<i>Break</i>	
11:00 AM – 12:30 PM	6. Smart Pools	SmartPools functionality, tiers and node pools, file pool policies
12:30 PM – 13:15 PM	<i>Lunch Break</i>	
13:15 PM – 14:45 PM	7. SnapshotIQ	snapshot behavior, snap types, snapshot functionality
14:45 PM – 15:00 PM	<i>Break</i>	
15:00 PM – 16:30 PM	8. SyncIQ	replication policies, failover and failback, SyncIQ performance
16:30 PM – 17:00 PM	<i>Questions & Answers</i>	

Agenda – Day 3

Time	Topic	Contents
09:00 AM – 09:15 AM	<i>Login and Review</i>	
09:15 AM – 10:45 AM	9. Superna Eyeglass	architecture of Superna Eyeglass, Isilon integration, Job Definitions, Configuration Replication, Failover
10:45 AM – 11:00 AM	<i>Break</i>	
11:00 AM – 12:30 PM	10. SmartDedupe	deduplication technology, deduplication configuration
12:30 PM – 13:15 PM	<i>Lunch Break</i>	
13:15 PM – 14:45 PM	11. Job Engine	functionality, critical cluster jobs, job roles, components
14:45 PM – 15:00 PM	<i>Break</i>	
15:00 PM – 16:30 PM	12. InsightIQ	architecture and functionality, planning and installation, reporting, File System Analytics
16:30 PM – 17:00 PM	<i>Questions & Answers</i>	

Online User Interface

The screenshot shows a virtual classroom window titled "Raimund Fröschle in a virtual session". The interface includes a menu bar (File, Share Resources, Whiteboard, Actions, User Control, Audio, Video, Help) and a toolbar with various icons for audio, video, and navigation. On the left, there is a participant list showing "Raimund Fröschle (You) Administrator" and a text chat area with a system message about connection speed. The main area displays a presentation slide titled "Power-Training Isilon 0 - Introduction" with the subtitle "Course Fundamentals". The slide content states: "This course contains the following basic components to ensure a maximum of learning efficiency". Below this text is a table with four rows: LECTURE, NOTE, QUESTIONS, and LAB, each with an icon and a description. At the bottom of the slide, there is a copyright notice for UBF © 2018 Unternehmensberatung Fröschle, www.ubf-storage.de. The bottom status bar shows "Server: el20.e-lecta.com:443", "Room 19786: Virtual Classroom #1 (You have been in this session for 2 min.)", and "v. 8.0.3.30".

Number of Attendees - 1

Raimund Fröschle (You) Administrator

System
The system is using a default value for your connection speed. You can set your actual connection speed from File - Connection Speed.

Slide 1 of Power-Training Isilon 0 - Introduction.pptx (2)

Power-Training Isilon 0 - Introduction

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