Red Hat System Administration-I

Module Presenter's Manual

Aptech Limited
VER. 1.0

Amendment Record

Version No.	Effective Date	Change	Replaced Pages
1.0	Sep 2018	New	-

Table of Contents

1. Introduction

At the end of this course, students will be able to:

- Understand the command line
- Manage physical storage
- Learn how to install and configure software components and services
- Establish network connections and firewall access
- Monitor and manage processes
- Manage and secure files
- Administer users and groups
- Access Linux file systems
- Install and use virtualized systems
- Review the system log files and journal

2. Information on Session Allocation

Module	Online Session (No. of Hrs)
RHSA-I	36

RHSA-I - Red Hat System Administration-I

3. Week-wise Session Schedule

A Session has duration of 2 hours.
➢ **Week-Wise Schedule**

Week	Day 1	Day 2	Day 3
1	TL1	TL2	TL3
2	TL4	TL5	TL6
3	TL7	TL8	TL9
4	TL10	TL11	TL12
5	TL13	TL14	TL15
6	TL16	TL17	TL18

TL – Online sessions

4. Session Coverage

Session No.	Session Title	Session Details	Deliverables' Mapping
1	RHSA-I– TL1	All the topics as listed below from Chapter 1 of *Red Hat System Administration II-SA2* book should be covered in this Session. **Chapter 1: Accessing the command line**	**Red Hat System Administration I-SA1** SG - Chapter 1
2	RHSA-I – TL2	All the topics as listed below from Chapter 2 of *Red Hat System Administration II-SA2* book should be covered in this Session. **Chapter 2: Managing files from the command line**	**Red Hat System Administration I-SA1** SG - Chapter 2
3	RHSA-I – TL3	All the topics as listed below from Chapter 3 of *Red Hat System Administration II-SA2* book should be covered in this Session. **Chapter 3: Getting help in Red Hat Enterprise Linux**	**Red Hat System Administration I-SA1** SG - Chapter 3
4	RHSA-I – TL4	All the topics as listed below from Chapter 4 of *Red Hat System Administration II-SA2* book should be covered in this Session. **Chapter 4: Creating, viewing, and editing text files**	**Red Hat System Administration I-SA1** SG - Chapter 4
5	RHSA-I – TL5	All the topics as listed below from Chapter 5 of *Red Hat System Administration II-SA2* book should be covered in this Session. **Chapter 5: Managing local Linux users and groups**	**Red Hat System Administration I-SA1** SG - Chapter 5

Session No.	Session Title	Session Details	Deliverables' Mapping
6	RHSA-I – TL6	All the topics as listed below from Chapter 6 of *Red Hat System Administration II-SA2* book should be covered in this Session. **Chapter 6: Controlling access to files with Linux file system permissions**	**Red Hat System Administration I-SA1** SG - Chapter 6
7	RHSA-I – TL7	All the topics as listed below from Chapter 7 of *Red Hat System Administration II-SA2* book should be covered in this Session. **Chapter 7: Monitoring and managing Linux processes**	**Red Hat System Administration I-SA1** SG - Chapter 7
8	RHSA-I – TL8	All the topics as listed below from Chapter 8 of *Red Hat System Administration II-SA2* book should be covered in this Session. **Chapter 8: Controlling services and daemons**	**Red Hat System Administration I-SA1** SG - Chapter 8
9 & 10	RHSA-I – TL9 & TL10	All the topics as listed below from Chapter 9 of *Red Hat System Administration II-SA2* book should be covered in this Session. **Chapter 9: Configure and securing OpenSSH service**	**Red Hat System Administration I-SA1** SG - Chapter 9
11 & 12	RHSA-I – TL11 & TL12	All the topics as listed below from Chapter 10 of *Red Hat System Administration II-SA2* book should be covered in this Session. **Chapter 10: Analyzing and storing logs**	**Red Hat System Administration I-SA1** SG - Chapter 10

Session No.	Session Title	Session Details	Deliverables' Mapping
13 & 14	RHSA-I – TL13 & TL14	All the topics as listed below from Chapter 11 of *Red Hat System Administration II-SA2* book should be covered in this Session. **Chapter 11: Managing Red Hat Enterprise Linux networking**	**Red Hat System Administration I-SA1** SG - Chapter 11
15	RHSA-I – TL15	All the topics as listed below from Chapter 12 of *Red Hat System Administration II-SA2* book should be covered in this Session. **Chapter 12: Archiving and copying files between systems**	**Red Hat System Administration I-SA1** SG - Chapter 12
16	RHSA-I – TL16	All the topics as listed below from Chapter 13 of *Red Hat System Administration II-SA2* book should be covered in this Session. **Chapter 13: Installing and updating software packages**	**Red Hat System Administration I-SA1** SG - Chapter 13
17	RHSA-I – TL17	All the topics as listed below from Chapter 14 of *Red Hat System Administration II-SA2* book should be covered in this Session. **Chapter 14: Accessing Linux file systems**	**Red Hat System Administration I-SA1** SG - Chapter 14
18	RHSA-I – TL18	All the topics as listed below from Chapter 15 of *Red Hat System Administration II-SA2* book should be covered in this Session. **Chapter 15: Using virtualized systems**	**Red Hat System Administration I-SA1** SG - Chapter 15

5. Library References

Red Hat RHCSA/RHCE 7 Cert Guide: Red Hat Enterprise Linux 7 (EX200 and EX300) 1 Edition by Sander van Vugt

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