Red Hat System Administration-II

Module Presenter's Manual

Effective from: September 2018
VER. 1.0

Amendment Record

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

Table of Contents

1. Introduction

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

➢ Automate Installation with Kickstart
➢ Manage filesystems and logical volumes
➢ Manage scheduled jobs
➢ Access network filesystems
➢ Manage SELinux
➢ Control firewalling
➢ Control and Troubleshoot the Red Hat Enterprise Linux Boot Process

2. Information on Session Allocation

Module	TL (No. of Hrs)
RHSA-I	36

RHSA - Red Hat System Administration

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: Automating installation with Kickstart**	**Red Hat System Administration II-SA2** 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: Using regular expressions with grep**	**Red Hat System Administration II-SA2** 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: Creating and Editing text files with vim**	**Red Hat System Administration II-SA2** SG - Chapter 3
4	RHSA-I – TL4	The following topics as listed below from Chapter 4 of *Red Hat System Administration II-SA2* book should be covered in this Session. **Chapter 4: Scheduling future Linux tasks**	**Red Hat System Administration II-SA2** SG - Chapter 4

Session No.	Session Title	Session Details	Deliverables' Mapping
5	RHSA-I – TL5	The following topics as listed below from Chapter 4 of *Red Hat System Administration II-SA2* book should be covered in this Session. **Chapter 4: Scheduling future Linux tasks**	**Red Hat System Administration II-SA2** SG - Chapter 4
6	RHSA-I – TL6	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 priority of Linux processes**	**Red Hat System Administration II-SA2** SG - Chapter 5
7	RHSA-I – TL7	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 access control lists (ACL)**	**Red Hat System Administration II-SA2** SG - Chapter 6
8	RHSA-I – TL8	The following topics as listed below from Chapter 7 of *Red Hat System Administration II-SA2* book should be covered in this Session. **Chapter 7: Managing SELinux security**	**Red Hat System Administration II-SA2** SG - Chapter 7

Session No.	Session Title	Session Details	Deliverables' Mapping
9	RHSA-I – TL9	The following topics as listed below from Chapter 7 of *Red Hat System Administration II-SA2* book should be covered in this Session. **Chapter 7: Managing SELinux security**	**Red Hat System Administration II-SA2** SG - Chapter 7
10	RHSA-I – TL10	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: Connecting to network-defined users and groups**	**Red Hat System Administration II-SA2** SG - Chapter 8
11	RHSA-I – TL11	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: Adding disks, partitions, and file systems to a Linux system**	**Red Hat System Administration II-SA2** SG - Chapter 9
12	RHSA-I – TL12	The following topics as listed below from Chapter 10 of *Red Hat System Administration II-SA2* book should be covered in this Session. **Chapter 10: Managing logical volume management (LVM) storage**	**Red Hat System Administration II-SA2** SG - Chapter 10

Session No.	Session Title	Session Details	Deliverables' Mapping
13	RHSA-I – TL13	The following topics as listed below from Chapter 10 of *Red Hat System Administration II-SA2* book should be covered in this Session. **Chapter 10: Managing logical volume management (LVM) storage**	**Red Hat System Administration II-SA2** SG - Chapter 10
14	RHSA-I – TL14	The following topics as listed below from Chapter 11 of *Red Hat System Administration II-SA2* book should be covered in this Session. **Chapter 11: Accessing networked attached storage with network file system (NFS)**	**Red Hat System Administration II-SA2** SG - Chapter 11
15	RHSA-I – TL15	The following topics as listed below from Chapter 11 of *Red Hat System Administration II-SA2* book should be covered in this Session. **Chapter 11: Accessing networked attached storage with network file system (NFS)**	**Red Hat System Administration II-SA2** SG - Chapter 11
16	RHSA-I – TL16	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: Accessing networked storage with SMB**	**Red Hat System Administration II-SA2** SG - Chapter 12
17	RHSA-I – TL17	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: Controlling and troubleshooting the Red Hat Enterprise Linux boot process**	**Red Hat System Administration II-SA2** SG - Chapter 13

Session No.	Session Title	Session Details	Deliverables' Mapping
18	RHSA-I – TL18	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: Limiting network communication with firewall**	**Red Hat System Administration II-SA2** SG - Chapter 14

5. Library References

Red Hat RHCSA/RHCE 7 Cert Guide: Red Hat Enterprise Linux 7 (EX200 and EX300) 1 Edition by Sander van Vugt
RHCSA/RHCE Red Hat Linux Certification Study Guide, Seventh Edition (Exams EX200 & EX300) by Michael Jang and Alessandro Orsaria

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