

NCLA: Novell Certified Linux Administrator

NCLA (Test :050-720) can be taken in any Pearson VUE testing centre after having completed the 3101 and 3102 training. A thorough understanding of the course and test objectives is recommended prior to taking the test.

The following are the test objectives:

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| 1. Access and Use man Pages | the Command Line | 38. Configure Host Name and Name Resolution |
| 2. Use info Pages | 19. Manage File Permissions and Ownership | 39. Manage RPM Software Packages |
| 3. Understand the File System Hierarchy Standard (FHS) | 20. Ensure File System Security | 40. Verify and Update Software Library Access |
| 4. Manage Directories with Nautilus and CLI | 21. Use the Editor vi to Edit Files | 41. Provide Secure Remote Access with OpenSSH |
| 5. Create and View Files | 22. Manage RPM Software Packages | 42. Monitor a SLE System |
| 6. Work with Files and Directories | 23. Manage RPM Software Repositories with zypper | 43. Use System and Logging Services |
| 7. Find Files on Linux | 24. Perform a SLES 11 Installation | 44. Monitor Login Activity |
| 8. Search File Content | 25. Describe the Linux Load Procedure | 45. Schedule Jobs with cron |
| 9. Get to Know the Command Shells | 26. Manage GRUB (Grand Unified Bootloader) | 46. Schedule Jobs with at |
| 10. Execute Commands at the Command Line | 27. Manage Runlevels | 47. Develop a Backup Strategy |
| 11. Work with Variables and Aliases | 28. Describe How the Linux Processes Work | 48. Create Backups with tar |
| 12. Understand Command Syntax and Special Characters | 29. Manage Linux Processes | 49. Create Backups on Magnetic Tape |
| 13. Use Piping and Redirection | 30. Select the Linux File System | 50. Copy Data with dd |
| 14. Get to Know YaST | 31. Configure Linux File System Partitions | 51. Mirror Directories with rsync |
| 15. Manage the Network Configuration Information from YaST | 32. Manage Linux File Systems | 52. Automate Data Backups with cron |
| 16. Manage Users and Group Accounts with YaST | 33. Configure Logical Volume Manager (LVM) and Software Raid | 53. Configure User Authentication with PAM |
| 17. Describe Basic Linux User Security Features | 34. Set Up and Configure Disk Quotas | 54. Manage and Secure the Linux User Environment |
| 18. Manage User and Group Accounts from the Command Line | 35. Set Up Network Interfaces with the ip Tool | 55. Use Access Controls Lists (ACLs) for Advanced Access Control |
| | 36. Set Up Routing with the ip Tool | |
| | 37. Test the Network Connection with the Command Line Tool | |

NCLP: Novell Certified Linux Professional

NCLP (Test :050-721) can be taken at LLC (Authorised Novell Practicum Testing Centre) after completing the training on SUSE 3103 and the NCLA test. A thorough understanding of the course and test objectives is recommended prior to taking the test.

The following are the test objectives:

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| 1. Configure NFS (Network File System) | 17. Use Samba as a Domain Controller | 35. Understand How to Read User Input |
| 2. Configure Time on SUSE Linux Enterprise Server | 18. Integrate Samba into a Windows Domain | 36. Understand How to Use Arrays |
| 3. Enable the Extended Internet Daemon (xinetd) | 19. Set Up a Basic Web Server with Apache | 37. Understand How to Keep Versions of Files |
| 4. Enable an FTP Server | 20. Configure Virtual Hosts | 38. Use Advanced Scripting Techniques |
| 5. Configure CUPS | 21. Limit Access to the Web Server | 39. Understand How to Use Useful Commands in Shell Scripts |
| 6. Manage Print Jobs and Queues | 22. Configure Apache with Open SSL | 40. Understand How to Use AutoYaST |
| 7. Understand How CUPS Works | 23. Install PHP | 41. Understand the Installation Server (Setup and Use) |
| 8. Configure and Manage Print Server Access | 24. Understand IPv6 Theory | 42. Set Up PXE Boot for Installations |
| 9. Use the Web Interface to Manage a CUPS Server | 25. Configure IPv6 on SLE | 43. Create a Configuration File for AutoYaST |
| 10. Describe How LDAP Works | 26. Find Performance Bottlenecks | 44. Perform an Automated Installation |
| 11. Install and Configure OpenLDAP on SLES | 27. Reduce System Memory and Load | 45. Understand Virtualization with XEN Works |
| 12. Add, Modify, and Delete Entries to the LDAP Directory Tree | 28. Optimize the Storage System | 46. Know How to Install Xen |
| 13. Describe the Role and Function of Samba | 29. Tune the Network Performance | 47. Manage Xen Domains with Virt-Manager |
| 14. Configure a Simple File Server with Samba | 30. Understand BASH Basics | 48. Manage Xen Domains from the Command Line |
| 15. Configure Samba Authentication | 31. Use Basic Script Elements | 49. Understand Xen Networking |
| 16. Use Samba's Client Tools | 32. Understand Variables and Command Substitution | |
| | 33. Use Control Structures | |
| | 34. Use Arithmetic Operators | |

Exam Fee: NCLA exam fee is equivalent to US \$ 55. NCLP exam fee is INR 3000.

Please check the following sites for the current pricing.

<http://www.vue.com/novell>

<http://www.novell.com/training/testinfo/locator.html>