LPIC-3 Mixed Environments v 3.0

(Exam code 300-300)

Overview:

The LPIC-3 certification is the culmination of the multi-level professional certification program of the Linux Professional Institute (LPI). LPIC-3 is designed for the enterprise-level Linux professional and represents the highest level of professional, distribution-neutral Linux certification within the industry. Four separate LPIC-3 specialty certifications are available. Passing any one of the four exams will grant the LPIC-3 certification for that specialty.

The LPIC-3 Mixed Environments certification covers the administration of Linux systems enterprise-wide in mixed environments.

Prerequisites

The candidate must have an active LPIC-2 certification to receive the LPIC-3 certification.

Requirements:

Passing the 300 exam. The 90-minute exam is 60 multiple-choice and fill-in-the-blank questions.

Objectives

1. Samba Basics

- 4.1.1 301.1 Samba Concepts and Architecture (weight: 2)
- 4.1.2 301.2 Samba Configuration (weight: 4)
- 4.1.3 301.3 Regular Samba Maintenance (weight: 2)
- 4.1.4 301.4 Troubleshooting Samba (weight: 3)

2. Samba and Active Directory Domains

- 4.2.1 302.1 Samba as Active Directory Domain Controller (weight: 5)
- 4.2.2 302.2 Active Directory Name Resolution (weight: 2)
- 4.2.3 302.3 Active Directory User Management (weight: 4)
- 4.2.4 302.4 Samba Domain Membership (weight: 4)
- 4.2.5 302.5 Samba Local User Management (weight: 2)

3. Samba Share Configuration

- 4.3.1 303.1 File Share Configuration (weight: 4)
- 4.3.2 303.2 File Share Security (weight: 3)
- 4.3.3 303.3 DFS Share Configuration (weight: 1)
- 4.3.4 303.4 Print Share Configuration (weight: 2)

4. Samba Client Configuration

- 4.4.1 304.1 Linux Authentication Clients (weight: 5)
- 4.4.2 304.2 Linux CIFS Clients (weight: 3)
- 4.4.3 304.3 Windows Clients (weight: 3)

5. Linux Identity Management and File Sharing

- 4.5.1 305.1 FreeIPA Installation and Maintenance (weight: 2)
- 4.5.2 305.2 FreeIPA Entity Management (weight: 4)
- 4.5.3 305.3 FreeIPA Active Directory Integration (weight: 2)
- 4.5.4 305.4 Network File System (weight: 3)