LPIC-3 High Availability and Storage Clusters v3.0

(Exam code: 306-300)

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 High Availability and Storage Clusters certification covers the administration of Linux systems enterprise-wide with an emphasis on high availability systems and storage.

Prerequisites

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

Requirements:

Passing the 306 exam. The 90-minute exam is 60 multiple-choice and fill in the blank questions.

Objectives

1. High Availability Cluster Management

- 4.1.1 361.1 High Availability Concepts and Theory (weight: 6)

- 4.1.2 361.2 Load Balanced Clusters (weight: 8)

- 4.1.3 361.3 Failover Clusters (weight: 8)

2. High Availability Cluster Storage

- 4.2.1 362.1 DRBD (weight: 6)

- 4.2.2 362.2 Cluster Storage Access (weight: 3)

- 4.2.3 362.3 Clustered File Systems (weight: 4)

3. High Availability Distributed Storage

- 4.3.1 363.1 GlusterFS Storage Clusters (weight: 5)

- 4.3.2 363.2 Ceph Storage Clusters (weight: 8)

4. Single Node High Availability

- 4.4.1 364.1 Hardware and Resource High Availability (weight: 2)

- 4.4.2 364.2 Advanced RAID (weight: 2)

- 4.4.3 364.3 Advanced LVM (weight: 3)

- 4.4.4 364.4 Network High Availability (weight: 5)