

Assessment Tip Sheet Information Technology Assessment Alternative Linux Certification

Career Cluster:	Information Technology
Programs:	11.0901 Computer Systems, Networking, and Telecommunications
Assessment Names:	Mixed Environment Security Virtualization and High Availability

Assessment Description: LPIC-3 is designed for the enterprise-level Linux professional and represents the highest level of professional, distribution-neutral Linux certification within the industry. Three separate LPIC-3 specialty certifications are available.

Passing any one of the three exams will grant the LPIC-3 certification for that specialty, given that the candidate holds an active LPIC-2 certification.

The LPIC-3 300: Mixed Environment certification covers the administration of Linux systems enterprise-wide in a mixed environment.

The LPIC-3 303: Security certification covers the administration of Linux systems enterprise-wide with an emphasis on security.

The LPIC-3 304: Virtualization and High Availability certification covers the administration of Linux systems enterprise-wide with an emphasis on Virtualization & High Availability.

Test Vendor Website and overview of the exams and certifications

For overview of the Mixed Environment certification, exam LPIC-3 300, [visit: http://www.lpi.org/our-certifications/lpic-3-300-overview](http://www.lpi.org/our-certifications/lpic-3-300-overview)

For overview of the Security certification, exam LPIC-3 303, [visit: http://www.lpi.org/our-certifications/lpic-3-303-overview](http://www.lpi.org/our-certifications/lpic-3-303-overview)

For overview of the Virtualization and High Availability, exam LPIC-3 304, [visit: http://www.lpi.org/our-certifications/lpic-3-304-overview](http://www.lpi.org/our-certifications/lpic-3-304-overview)

Assessment Information:

Exam Objectives: Each objective is assigned a weighting value. Each weight point in the objectives corresponds to one question on the exam.

The content of the exam is defined by the LPI exam objectives. Objectives for each LPIC-3 exam can be found on the LPI website:

LPIC-3 Exam 300: Mixed Environments, Objectives, Objectives version, Exam Code and Objective Weights are listed [here](#):

<http://www.lpi.org/our-certifications/exam-300-objectives>

LPIC-3 Exam 303: Security, Objectives, Objectives version, Exam Code and Objective Weights are listed [here](#):

<http://www.lpi.org/our-certifications/exam-303-objectives>

LPIC-3 Exam 304: Virtualization and HA, Objectives, Objectives version, Exam Code and Objective Weights are listed [here](#):

<http://www.lpi.org/our-certifications/exam-304-objectives>

Each LPIC-3 exam has 60 weight points corresponding to 60 questions. Therefore, each LPIC-3 exam consists of 60 multiple-choice and fill-in-the-blank questions and the exam is 90 minutes.

Each exam requires preparation time which is not discounted from the time to take the exam. Students will be advised by Pearson Vue or their local proctor about the timing for the examination, including required preparation time.

More can be found [here](#): <http://www.lpi.org/our-certifications/summary-of-certifications>

List of jobs students can get with LPIC-3 certifications:

Jobs you can get with your LPIC-3 300 certification: Samba Expert, System Integrator, Enterprise Architect

Jobs you can get with your LPIC-3 303 certification: Security Expert, Security Consultant, Enterprise Architect.

Jobs you can get with your LPIC-3 304 certification: Cloud Engineer, Cloud Administrator, Virtualization Expert, High Availability Expert, Enterprise Architect.

Note that the certification doesn't guarantee you the job.

Who can take the assessment?

Students enrolled in the state-approved CTE programs listed above whom either:

- 1) Completed the program in the current school year (have completed all 12 segments) and at least a 2.0 in each course section.

-OR-

- 2) Are program concentrators (completed more than half the program – 7 or more segments) and who will leave school at the end of the current school year.

Students who wish to achieve an industry recognized certification upon completion of the program.

What is the procedure to order assessments?

Academic pricing is available for schools under Michigan Department of Education. Schools have to order vouchers through <http://www.lpi.org/order-voucher/>. Academic pricing is discounted pricing available to schools that qualify for it.

Note: vouchers expire within a year.

How is the assessment administered?

Exams may be scheduled and delivered at a [Pearson VUE](https://home.pearsonvue.com/lpi) test center (<https://home.pearsonvue.com/lpi>). In special cases, and depending on the availability of proctors, LPI will organize paper-based exam labs. Please note that there is no guarantee for the paper-based tests and their availability is dependent on the availability of LPI proctors.

Before organizing and scheduling exams, and ordering vouchers, please consult Valerie Felder, felderv@michigan.gov, 517-335-1066. Valerie will give you a document (Guide for Accessing LPI Exams) with detailed instructions on how to order exams and acquire academic discount.

What is the testing window?

The assessment dates are district-determined.

Information about Exam Accommodations

At times, it may be necessary to allow accommodations when administering assessments. For students with an Individualized Education Plan (IEP) with assessment accommodations [visit](#):

http://www.pearsonvue.com/accommodations/pv_review.asp?clientName=LPI

Current list of languages exam is available can be found here:

For list of languages for [LPIC-3 300](#): Mixed Environment, visit:
<http://www.lpi.org/our-certifications/lpic-3-300-overview>

For list of languages for [LPIC-3 303](#): Security, visit:
<http://www.lpi.org/our-certifications/lpic-3-303-overview>

For list of languages for [LPIC-3 304](#): Virtualization and High Availability, visit:
<http://www.lpi.org/our-certifications/lpic-3-304-overview>

Learning.lpi.org - the additional learning resource

Learning is an initiative of the Linux Professional Institute and supports teachers and students in preparing for our certifications. It gives an overview for available material, useful for candidates interested in Linux Professional Institute Linux and open source certifications.

How are reports accessed?

Score reports are available at Linux Professional Institute (LPI). LPI will share scores with OCTE Michigan Department of Education under the Data Sharing Agreement. For underage students, it is required that their parent or legal guardian signs the letter and approves sharing of assessment data between LPI and OCTE. For students 18 and over: it requires that the student signs the letter and approve sharing of assessment data between LPI and OCTE.

What is a passing score on the assessment?

The cut score for the LPIC-3 certifications is 500 points.

Who should teachers contact with questions about instruction?

The state program consultant for Information Technology is Tom Knight. He can be reached at 517-373-8545 or KnightT@michigan.gov.

Who should assessment coordinators contact with State of Michigan Technical Skills Assessment policy questions?

Valerie Felder 517-335-1066 felderv@michigan.gov