

Assessment Tip Sheet Information Technology Assessment Alternative Linux Certification

Career Cluster: Information Technology

Programs: 11.0901 Computer Systems, Networking, and Telecommunications

Assessment Name: Linux Essentials

Assessment Description: Linux Essentials covers the following subject areas: Linux community and a career in open source, finding your way on a Linux system, the power of the command line, the Linux operating system, and security and file permissions. There are no prerequisites for this certification.

Test Vendor Website and overview of the exam and certificate

Visit the [LPI](http://www.lpi.org) website at <http://www.lpi.org/our-certifications/linux-essentials-overview> to find information about the test and certificate, as well as details about the version, requirements, validity and languages.

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 exam 010 can be found on the [LPI](http://www.lpi.org) website:
<http://www.lpi.org/our-certifications/exam-010-objectives>

Linux Essentials has 40 weight points corresponding to 40 questions. Therefore, the Linux Essentials exam consists of 40 multiple-choice or fill-in-the blank questions and is a timed test with a total administration time of 60 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): <http://www.lpi.org/our-certifications/summary-of-certifications>

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](http://www.lpi.org/order-voucher/) 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](#):

<http://www.lpi.org/our-certifications/linux-essentials-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 Michigan Department of Education, Office of Career and Technical Education under the Data Sharing Agreement. For underage students, it is required that their parent or legal guardian signs the letter and approve sharing of assessment data between LPI and OCTE. For students 18 and over: it requires that 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 Linux Essentials certification 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