



CUSTOMER ENGINEER III KNOWLEDGE TEST III (CEIIKT III) TEST GUIDE

WHY DO AT&T AND ITS AFFILIATES TEST?

At AT&T, we pride ourselves on matching the best jobs with the best people. To do this, we need to better understand your skills and abilities to make sure that you are indeed the right match for the job. Our ultimate goal is to set you up for success in your career at AT&T (that is, if AT&T is the right match for you). Research has shown that tests provide accurate measures of people's skills and abilities and, therefore, we use tests to identify people who are the best match for the job. Our philosophy is simple... if you succeed in your role, then we succeed as a company.

WHAT IS THE CUSTOMER ENGINEER III KNOWLEDGE TEST III (CEIIKT III)?

The CEIIKT III consists of 60 questions in three parts: Part I – Hardware (12 questions), Part II – Networks (27 questions), and Part III – Convergence (21 questions). Total testing time is approximately 1 hour.

The scoring of the test is based on the number of correct answers for the total test. There is no penalty for guessing, so it is to your advantage to try as many questions as possible. If unsure about the answer to a question, a careful guess should be made.

WHAT CAN I EXPECT TO SEE ON THE TEST?

This test guide contains a brief description and sample question for each part of the test. The sample questions are not taken from the actual test, but are examples of the types of questions included in the test. The correct answer and a brief explanation for each sample question is included.

PART I - HARDWARE (12 questions)

This part of the test measures knowledge of such topics as computer fundamentals, diagnostics, wireless access points, and interconnection of devices (routers, switches, servers, etc.).

Sample Question

- Q. What function does a PBX perform:
- A. Digital Multiplexor.
 - B. Switch.
 - C. Simple line sharing device.
 - D. Analog Multiplexor.
- A. The correct answer is B. A PBX performs a Switch function for communications.



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PART II – NETWORKS (27 questions)

This part of the test measures knowledge of such topics as bridges, cabling, DSUs, Ethernet, firewalls, Internet, LAN/WAN protocols, media, OSI model, packet switching, signal loss, T1, and TCP/IP.

Sample Question

- Q. The primary differentiation between LANS, MANS and WANS is:
- A. distance.
 - B. protocol.
 - C. transport media.
 - D. nodal devices.
- A. The correct answer is A. The primary difference between LANS, MANS and WANS is distance.

PART III – CONVERGENCE (21 questions)

This part of the test measures knowledge of such topics as Voice over IP (VoIP), QOS, Broadband technologies, and Computer Telephone Integration (CTI)/Call Managers.

Sample Question

- Q. How does a VoIP phone obtain its phone number and other configured parameters?
- A. It is configured in the factory
 - B. It is downloaded by the Call Manager Server
 - C. It is setup by the customer
 - D. It is loaded by the technician during initial setup
- A. The correct answer is B. The Call Manager Server sets up the phone number and other configured parameters of a VoIP phone.

WHAT CAN I DO TO PREPARE FOR THE TEST?

At AT&T, our goal in testing is not to cause you to fail; rather, our intent is to set our employees up for success. Remember, we succeed when you succeed. The best way for you to succeed on a given test is to adequately prepare. As illustrated above, the CEIIKT III requires specific knowledge. Acquiring this knowledge through coursework or independent study is the best way to prepare for this test. Keep in mind, however, that completion of coursework or independent study will not guarantee that you will pass the test.



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Here are some additional tips to help you prepare:

- ✓ Gather resources (books, articles, other materials, etc.) that cover the areas measured in this test
- ✓ Study the information carefully
- ✓ Have someone quiz you on the material prior to your testing date
- ✓ Seek out others who have knowledge in this area and may be able to assist you
- ✓ Get a good night's rest the night before your testing session
- ✓ Eat a well-balanced meal an hour before testing

It is important that you have an understanding of the material presented in the course or obtained through independent study.

FOR EMPLOYEES ONLY: You may contact the AT&T Career Development Resource Center located on OneStop at <http://hronestop.att.com> >> Your Career Matters >> Career Development >> Test Preparation to inquire about study guides, textbooks, and/or general course information that may help you prepare for the test.

HOW WILL THIS TEST BE ADMINISTERED?

A member of our Staffing team will provide you with the time and location for your testing session. Try to arrive at the location at least 15 minutes before your scheduled test time to give yourself time to relax before the test begins. You may want to bring a jacket or a sweater in case the temperature in the testing location is not to your liking. Feel free to ask questions before the test begins, and be sure you understand the format of the CEIIKT II.

WHAT CAN I DO TO PERFORM MY BEST ON THE TEST?

- ✓ Read questions carefully.
- ✓ Think - reason out your answer.
- ✓ Answer questions you are sure of first.
- ✓ Reject immediately those answers you know are incorrect.
- ✓ Don't change your answers unless an obvious mistake has been detected.
- ✓ Be aware of the time (make a mental note of the time when the test begins and pace yourself accordingly).

RETEST INTERVALS

If you do not qualify on the CEIIKT III, do not be discouraged. Perhaps, this would indicate that this position is really not the best match for you. Who knows – perhaps a better, more closely matched opportunity awaits you. If you feel strongly that this is the right position for you, then your first two retest opportunities are at six-month intervals. Subsequent retests are at one-year intervals. However, please note that test standards are periodically updated to reflect current abilities and skills required for our jobs. Therefore, it may be necessary to meet new test standards should they be introduced prior to your placement on the job.



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SUMMARY

When you succeed in your job, AT&T succeeds as a company! Successful completion of the CEIIKT III qualifies you for possible placement into jobs requiring this test. Additional testing may be required for certain positions. See job briefs in your area for additional testing requirements for titles you are interested in.

Thank you for your interest in starting (or expanding) your career at AT&T!

AT&T and its affiliates support and comply with the provisions of the Americans with Disabilities Act (ADA) and other Federal and State laws that specifically assist individuals with disabilities. If you have a limiting disability and need special testing arrangements, please ask your local Employment Office or Placement Bureau personnel for information about the testing accommodation process.