

# ExSim-Max for Ethical Hacking v12 (312-50)

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## 1. Introduction

This product is an exam simulation that you can use to prepare for the EC-Council Certified Ethical Hacker version 12 (CEHv12) 312-50 exam. The product contains 375 questions organized in three exam banks. Each exam bank consists of a unique set of 125 questions that cover the objectives for the real exam. You can also create a custom exam by selecting all of the questions or any subset of the questions in accordance with your study goals and personal preferences. The test engine can automatically generate a random exam that can include questions from the entire pool. You can use random exams to test your knowledge and to practice after you have completed studying our explanations and the recommended reference materials.

Our product is an excellent tool for studying for the real exam; however, it is not intended to be your *only* tool. To achieve the best results on the real exam and in real life, we strongly recommend that you complement studying our questions and explanations with official study guides and that you familiarize yourself with the tools and standards common to information systems security. Our questions are designed to encourage you to research more detailed information about similar scenarios, and our detailed explanations, which clarify the correct answers and refute the incorrect choices, provide a good starting point for your additional research. Please note the list of references provided after each explanation. The referenced materials contain additional information about relevant subject areas.

We wish you good luck on your exam, and we expect to hear from you after you successfully pass it.

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## 2. Exam Formats and Options

You can configure the test engine, the Boson Exam Environment (BEE), to present questions in a way that best suits your study goals and personal preferences. The BEE supports the following options:

- Three fixed exams (A, B, and C)
- A custom exam
- A random exam

Each of the three fixed exams contains 125 questions. In a custom exam, you can include all available questions or various subsets thereof based on the criteria that you specify. A random exam includes a randomly selected subset of 125 questions. The BEE supports the following two modes:

- Study mode
- Simulation mode

Custom exams always run in Study mode, whereas the fixed exams and random exams can run in either mode. In Study mode, you can control most of the settings in the BEE. For example, in fixed and

custom exams, you can choose whether questions and choices within each question will be presented in the fixed order or will be randomized. You can also specify a global time limit for an entire exam; alternatively, you can run exams without time limits.

### 3. Question Types

All of the multiple-choice questions in this product require you to select a single correct answer that best represents the solution out of all presented choices.

### 4. How to Work with Our Questions

- Our exam does not predict the scoring algorithm that might be used in your particular experience with the real exam. This practice exam product has been designed to cover the objectives found on the CEH Exam Blueprint v5.0 (which corresponds to the CEHv12 exam). EC-Council has stated that cut scores can range from 60% to 85%. We provide a standard scoring system that requires a minimum of 780 points out of 1000 in order to pass.
- Do not try to memorize the questions or correct answers, because on the real exam, the questions and answers are different. Our questions are intended to provide you with the relevant technical facts that you can use to properly analyze the exam questions and arrive at the correct solutions.
- In all our products, we always try to provide the most technically accurate information, even if it sometimes appears to be contrary to some of the questions that you may encounter on the real CEH exam. In such situations, you should try to determine the intended logic in the real exam questions and use it to identify the answers that are intended to be correct.
- Thoroughly study our explanations in their entirety, including the parts that cover the incorrect choices. Quite often you will find that our explanations of the incorrect choices provide as much useful information as those of the correct answers.
- Keep in mind that our explanations are primarily designed to help you prepare for the exam rather than provide an exhaustive description of each relevant technology. Therefore, always follow up by reviewing the suggested reference materials, and whenever possible, try to reproduce our scenarios in a computer lab. The screens, dialog boxes, and configurations setting that are discussed in our questions can provide a wealth of knowledge, so don't forget to look at everything.
- Never forget to use your common sense and real-life experience when there appears not to be enough information provided directly in a question.
- In questions:
  - Always read the entire scenario and pay attention to every word.
  - The practices, technologies, and tools that are mentioned in a question do not necessarily include all available; they usually include only the ones that are directly relevant to the scenario.
  - Some less important details are intentionally left out of the scenarios. Some of the missing information can be inferred from a scenario or choices. Other factors can be based on your common sense or commonly recommended practices. Everything else should be deemed indeterminate.

## 5. Conventions

Usually, names of technologies, features, software applications, and OS components are presented in title case, whereas the computers or devices that implement specific functionalities or that run specific software are presented in lowercase. For example, we would refer to a computer that runs DNS Server software as a DNS server, and we would refer to a computer on which the Remote Desktop Gateway role service is installed as a Remote Desktop gateway.

For most questions, we use the same capitalization and formatting conventions that are used by the real exam. Modifying words, such as not, most, least, and best, are presented in lowercase plain text format. Therefore, it is important to pay careful attention to modifying words in exam questions because ignoring them might lead you to answer the item incorrectly. For example, a question about what constitutes a strong password might contain the modifying word "not," which would require you to choose the answer with the weakest password:

Which of the following is not a strong password?

## 6. Reference Tips

### 6.1. Internet-Based References

Please note that the Internet is a volatile environment in which resources are not guaranteed to be always available or to remain in the same place. We periodically review and update our products. However, some of the hyperlinks in the provided referenced materials may occasionally become invalid.