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| Exam | **ISTQB Foundation Level Certification (CTFL)** |
| Why is important to own | ISTQB Foundation Level software testing certification (CTFL) is a career essential for anyone testing software. Whether you test software all day or just part-time through Agile, DevOps, or Continuous Delivery, you need ISTQB Foundation Level testing certification (CTFL). ISTQB Certification is the most popular software testing certification in the world with more than 750,000 testing certificates awarded across 100+ countries. |
| Exam Details | https://astqb.org/certifications/foundation-level-certification/ |
| Materials/Learning Path | <https://www.istqb.org/downloads/category/2-foundation-level-documents.html>  <https://astqb.org/benefits/the-first-step-in-istqb-certification/> |
| Pluralsight course | <https://www.pluralsight.com/courses/foundation-level-exam-overview-istqb?aid=7010a000002LUv2AAG&promo=&utm_source=non_branded&utm_medium=digital_paid_search_google&utm_campaign=XYZ_EMEA_Dynamic&utm_content=&cq_cmp=1576650371&gclid=Cj0KCQjwlOmLBhCHARIsAGiJg7kgD3sciQBvtnskRPEbh_4lJvXksgzQACKRxrwTqnHe8pgFmZo1hPAaAi26EALw_wcB> |

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| Exam | **Microsoft Certified: Azure Fundamentals** |
| Why is important to own | Azure Fundamentals certification is an opportunity to prove knowledge of cloud concepts, Azure services, Azure workloads, security and privacy in Azure, as well as Azure pricing and support. Candidates should be familiar with the general technology concepts, including concepts of networking, storage, compute, application support, and application development.  Azure Fundamentals can be used to prepare for other Azure role-based or specialty certifications, but it is not a prerequisite for any of them. |
| Exam Details | https://docs.microsoft.com/en-us/learn/certifications/exams/az-900 |
| Materials / Learning Path | <https://docs.microsoft.com/en-us/learn/certifications/azure-fundamentals/>  <https://www.kaplanlearn.com/education/offeringdashboard/index/62c6b5f553376b3715097c3a33624a51> - practice exams |
| Pluralsight course | https://app.pluralsight.com/paths/certificate/microsoft-azure-fundamentals-az-900 |

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| Exam | **Advanced Level Test Automation Engineer** |
| Why is important to own | Software testing is fueling the IT sector forward by scaling up the test process and continuous product delivery. Currently, this profession is in huge demand, as it needs certified testers with expertise in [automation testing](https://www.lambdatest.com/selenium-automation). When it comes to outsourcing software testing jobs, whether it’s an IT company or an individual customer, they all look for accredited professionals. That’s why having an software testing certification has become the need of the hour for the folks interested in the [test automation](https://www.lambdatest.com/automation-testing) field. A well-known certificate issued by an authorized institute kind vouches that the certificate holder is skilled in a specific technology. |
| Exam Details | <https://www.istqb.org/certification-path-root/test-automation-engineer.html> (To get the Advanced Level certification, candidates must hold the Foundation Certificate and have sufficient practical experience.) |
| Materials / Learning Path | https://www.istqb.org/certification-path-root/test-automation-engineer.html#materialsForDownload |
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| Exam | **Performance Testing** |
| Why is important to own | Performance tests help establish speed, scalability, and stability of the software application. There are varied types of Performance tests that simulate various possible user scenarios and understand the behaviour of the applications. ... Performance testing doesn't necessarily display defects with an application |
| Exam Details | <https://www.istqb.org/certification-path-root/performance-testing.html> (The Foundation Level Performance Testing qualification is aimed at people who already hold the Software Testing Foundation and wish to develop further their expertise in Performance Testing.) |
| Materials / Learning Path | https://www.istqb.org/certification-path-root/performance-testing.html#materialsForDownload |
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| Exam | **Security Tester** |
| Why is important to own | **Security Testing** is a type of Software Testing that uncovers vulnerabilities, threats, risks in a software application and prevents malicious attacks from intruders. The purpose of Security Tests is to identify all possible loopholes and weaknesses of the software system which might result in a loss of information, revenue, repute at the hands of the employees or outsiders of the Organization.  The main goal of **Security Testing** is to identify the threats in the system and measure its potential vulnerabilities, so the threats can be encountered and the system does not stop functioning or can not be exploited. It also helps in detecting all possible security risks in the system and helps developers to fix the problems through coding. |
| Exam Details | <https://www.istqb.org/certification-path-root/advanced-security-tester.html> (What are the entry criteria? To receive Advanced Level certification in the module “Security Tester”, candidates must hold a valid Certified Tester Foundation Level certificate and have sufficient practical experience to be certified at Advanced Level, which should be not less than 3 (three) years of relevant academic, practical, or consulting experience. Refer to the relevant Exam Board to determine the specific practical experience criteria.) https://www.comptia.org/certifications/security |
| Materials / Learning Path | <https://www.istqb.org/certification-path-root/advanced-security-tester.html#materialsForDownload>  https://app.cybrary.it/login/?redirect\_to=%2Fmy-learning |
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Conferences