

Training: Synopsys Test Advisor QA Edition

Product Overview

This three day, hands-on course is instructor-led live, offered at our global training centers, via online virtual classes, or at your site. It provides the knowledge needed to optimally plan, deploy, manage and utilize Synopsys Test Advisor QA Edition, with a strong emphasis on practical labs.

This course is designed to train Test Platform Administrators, Test and Project Leads and Testers who will be responsible for properly configuring, deploying, managing and utilizing Test Advisor QA. Build/Release engineers will also benefit from this course for those deployments where the test process is part of a Continuous Integration environment.

What You Will Learn

You will learn how to plan and implement the Test Advisor QA Edition deployment, addressing the configuration options appropriate for each component and for different target applications, including embedded, distributed and web-based. This course will cover in detail how Test Advisor QA Edition is deployed to optimize the testing cycles of an application that evolves through subsequent versions. How to scan the target application to identify changes in each build, how to capture in-depth information about testing and how to intelligently optimize the testing process from the Test Advisor QA Cockpit are all topics that will be discussed during the instructor-led lectures as well as in the numerous hands-on labs exercises.

The course will teach each participant how to:

- Configure all the Test Advisor QA Edition components: Recorder, Scanner, Agents and Cockpit
- Utilize the Scanner to identify changes in each build to drive focused, risk-based testing
- Install and configure the Agent within their testing infrastructure to capture detailed coverage information (footprint) for manual and automated tests
- Use the Recorder to collect scan and footprint data and communicate with the Cockpit in the cloud
- Upload and access scan and coverage data in the Cockpit
- Analyze test results in the Cockpit to extract information about
 - actual code coverage and testing gaps
 - the impact of code changes on testing
 - the risk associated with current or prospective code changes

THIS SYNOPSYS COURSE WILL PROVIDE YOU WITH:

- The knowledge to properly plan, deploy, manage and utilize Synopsys Test Advisor QA Edition within the target Organization
- Hands on practice with all the components of Test Advisor QA Edition through a comprehensive set of labs
- An understanding of best practices for effective usage and maximized adoption

- o strategies for optimizing test time and resources without sacrificing quality (test scoring and prioritization)
- o how to increase testing coverage and minimize test gaps
- Create an abstracted, graphical representation of the target application to help assess risk and guide testing efforts (Business View)
- Install and configure plugins for a wide range of web browsers as well as industry standard build and code management systems

The course will provide a first complete hands-on experience of Test Advisor QA Edition on a real application to be tested, which includes two major versions and one minor patch release.

