

# gcss army test answers Ebook

## gcss army test answers: Your Ultimate Guide to Passing the Army's GCSS-A Test

In the modern military landscape, efficiency and accuracy in logistics and supply management are crucial for operational success. The Global Combat Support System-Army (GCSS-Army) is a cutting-edge enterprise resource planning (ERP) system designed to streamline logistics processes for the U.S. Army. Whether you're a new soldier, a logistics specialist, or an administrative professional, mastering the GCSS-Army system is essential. One of the key hurdles in this learning process is passing the GCSS Army test, which assesses your understanding and proficiency with the platform. This comprehensive guide provides insights into gcss army test answers, tips for preparation, and strategies to ensure your success.

## Understanding the GCSS-Army Test

### What Is the GCSS-Army Test?

The GCSS-Army test is an assessment designed to evaluate your knowledge of the system's functionalities, procedures, and workflows. It typically covers modules such as supply, maintenance, property accountability, and financial management. The test aims to ensure personnel can operate the system accurately and efficiently in real-world scenarios.

### Who Needs to Take the Test?

Primarily, soldiers and civilian staff involved in logistics, supply chain management, or administrative roles are required to complete the GCSS-Army training and pass the associated test. Successful completion demonstrates your readiness to manage logistical tasks within the system.

### Format of the Test

The test usually consists of multiple-choice questions, true/false questions, and sometimes scenario-based questions. It may be administered online or in a controlled testing environment, depending on your unit's procedures.

## Key Topics Covered in the GCSS-Army Test

To succeed, it's vital to understand the core areas the test evaluates. Here are the major topics:

### 1. System Navigation and User Interface

- Logging into GCSS-Army
- Navigating menus and dashboards
- Accessing different modules

## **2. Supply Chain Management**

- Requisitioning supplies
- Managing stock levels
- Processing receipts and issues
- Inventory management

## **3. Maintenance and Equipment Management**

- Creating maintenance requests
- Tracking work orders
- Managing equipment records

## **4. Property Accountability**

- Recording property data
- Conducting property audits
- Managing property transfers

## **5. Financial Transactions**

- Processing payments
- Managing budgets and allocations
- Reconciling accounts

## **6. Reports and Data Analysis**

- Generating and interpreting reports
- Data validation and accuracy

Understanding these areas thoroughly is fundamental to preparing for the test.

# Effective Strategies for Finding and Using GCSS Army Test Answers

While the goal is to master the system's concepts, some test-takers seek out answers or practice tests to aid their preparation. Here are some strategies:

## 1. Use Official Training Materials

Most military training programs provide comprehensive manuals and guides. These materials contain sample questions and detailed explanations, making them invaluable resources.

## 2. Participate in Hands-On Training

Practical experience with the system helps reinforce knowledge. Engage actively in training sessions and workshops.

## 3. Practice with Mock Tests

Many online platforms and military training portals offer practice exams that simulate the actual test environment. Use these to gauge your preparedness.

## 4. Connect with Experienced Users

Seek mentorship or advice from personnel who have already passed the test. They can share insights and tips.

## 5. Review and Study Key Concepts

Focus on areas you find challenging. Use cheat sheets or summary guides for quick revision.

Note: While it might be tempting to look for "gcss army test answers" online, be cautious. Relying solely on answer keys without understanding the concepts can jeopardize your knowledge and performance. Prioritize learning and understanding over shortcut methods.

## Tips for Preparing for the GCSS-Army Test

Achieving success requires strategic preparation. Here are some actionable tips:

- **Understand the Test Format:** Know whether it's multiple-choice, scenario-based, or a combination. This helps tailor your study approach.
- **Review Official Training Manuals:** These contain the most accurate and comprehensive

information.

- **Practice Regularly:** Use practice questions and simulations to build confidence.
- **Focus on Weak Areas:** Identify topics where you're less confident and devote extra study time.
- **Manage Your Time:** During the test, allocate time wisely to ensure you can answer all

questions thoroughly.

- **Stay Calm and Confident:** A positive mindset can improve focus and performance.
- **Ensure Technical Readiness:** If taking the test online, verify your device, internet connection, and environment beforehand.

## Additional Resources for GCSS-Army Test Preparation

To enhance your study efforts, consider leveraging these resources:

- **Official GCSS-Army Training Portal:** Offers tutorials, manuals, and practice tests.
- **Army Learning Management System (ALMS):** Contains courses related to logistics and system operation.
- **Community Forums and Groups:** Connect with other soldiers to share tips and experiences.
- **YouTube Tutorials:** Visual guides on system navigation and procedures.
- **Study Guides and Cheat Sheets:** Summarize key points for quick review.

## After Passing the GCSS-Army Test

Successfully passing the test is just the beginning. Here's what to do next:

### 1. Apply Your Knowledge

Use your understanding to perform logistics operations efficiently in your role.

### 2. Continue Learning

Stay updated with system updates, new features, and best practices.

### 3. Seek Feedback and Mentorship

Regularly consult with experienced colleagues to improve your skills.

### 4. Maintain Certification

Some roles may require periodic re-assessment or ongoing training.

## Conclusion

Mastering the gcss army test answers requires a combination of thorough understanding, practical experience, and strategic preparation. While there may be tempting shortcuts online, the most effective approach is to study the official materials, participate actively in training, and practice regularly. Remember, passing the GCSS-Army test not only certifies your proficiency but also enhances your ability to manage logistics operations effectively, contributing to the overall success of military missions. Stay dedicated, utilize available resources, and approach the test with confidence?your proficiency with GCSS-Army is a vital asset to your military career.

gcss army test answers are a topic of significant interest among military personnel and individuals preparing for the Global Combat Support System (GCSS) Army certification exams. As the Army?s integrated logistics management system, GCSS-Army plays a crucial role in streamlining supply chain operations, maintenance, and resource management. Consequently, passing the associated tests is vital for personnel seeking to demonstrate their proficiency and advance their careers. Many examine the availability of test answers to facilitate studying, but it?s essential to approach this subject responsibly and ethically. This comprehensive review will explore the importance of GCSS-Army testing, the nature of test answers, the pros and cons of relying on answer keys, and effective strategies for successful exam preparation.

## Understanding GCSS-Army and Its Testing Requirements

### What Is GCSS-Army?

The Global Combat Support System-Army (GCSS-Army) is an enterprise resource planning (ERP) system designed to automate and integrate logistics, maintenance, and supply functions within the U.S. Army. It provides real-time data access, enhances operational efficiency, and reduces logistical redundancies. Users include logistics specialists, supply officers, and maintenance personnel who rely on the system for daily operational tasks.

### Why Are Tests Required?

Testing ensures that personnel possess the knowledge necessary to operate the system effectively. The tests cover various modules?such as supply, maintenance, finance, and reporting?to verify understanding of procedures, workflows, and system functionalities. Passing these tests is often a prerequisite for certification, promotion, or assignment to specific roles.

## The Role of Test Answers in GCSS-Army Preparation

### Availability of Test Answers

Many online platforms and forums claim to offer gcss army test answers to help candidates prepare more efficiently. These answer keys are sometimes shared freely or sold through unofficial channels. The main appeal is that they promise quick success without extensive study.

## **The Ethical Dilemma**

Relying on test answers raises ethical concerns, as it can be considered cheating. The purpose of certification is to ensure personnel are competent, not just to memorize answers. Over-reliance on answer keys undermines the integrity of the certification process and can lead to significant consequences if discovered.

## **Features and Characteristics of GCSS-Army Test Answers**

### **Types of Test Questions**

- Multiple-choice questions
- Scenario-based questions
- True/False questions
- Practical simulations

### **Common Topics Covered**

- System navigation
- Supply chain management
- Maintenance operations
- Financial transactions
- Reporting and analytics

### **Features of Answer Keys**

- Concise solutions for multiple-choice questions
- Explanations for correct and incorrect answers
- Practice scenarios and case studies
- Sometimes include tips for understanding system modules

## **Pros and Cons of Using Test Answers**

### **Pros**

- Accelerated Learning: Helps candidates familiarize themselves with question formats and key concepts quickly.
- Time-Saving: Reduces preparation time, especially for familiarization.
- Confidence Building: Provides a sense of readiness before taking the actual test.
- Reinforcement: Reinforces knowledge through practice questions and explanations.

## Cons

- Ethical Concerns: May constitute cheating, violating testing policies and professional integrity.
- Superficial Understanding: Focuses on memorization rather than comprehension, risking poor practical application.
- Risk of Penalties: Discovery of dishonesty can result in disqualification, loss of certification, or disciplinary action.
- Lack of Customization: Answers may not reflect the specific version of the test or updates in the system.

## Effective Strategies for Preparing for GCSS-Army Tests

### Study Official Materials and Training Resources

- Use official Army manuals, guides, and training modules.
- Attend instructor-led courses or webinars when available.
- Review system documentation thoroughly.

### Practice with Simulations and Hands-On Exercises

- Engage in training simulations within the GCSS-Army environment.
- Practice real-world scenarios to develop practical understanding.
- Use sandbox environments for trial and error learning.

### Develop a Study Plan

- Break down topics into manageable sections.
- Allocate regular time for review and practice.
- Use quizzes and self-assessment tests to monitor progress.

### Join Study Groups and Forums

- Collaborate with peers to share knowledge and tips.
- Discuss challenging topics and clarify doubts.
- Avoid reliance on unauthorized answer keys; focus on collective understanding.

## Utilize Practice Tests Ethically

- Take practice exams to identify weak areas.
- Use official or reputable mock tests designed for GCSS-Army.
- Review explanations thoroughly to reinforce learning.

## Conclusion

The quest for gcss army test answers reflects the desire among many candidates to succeed efficiently and confidently. However, while answer keys can serve as supplementary tools for familiarization, they should not replace comprehensive study and hands-on experience. Ethical considerations are paramount; integrity in testing upholds the value of certification and ensures personnel are truly prepared to operate vital logistics systems within the Army. Ultimately, success in GCSS-Army exams depends on diligent preparation, practical training, and a solid understanding of the system's functionalities. By focusing on these core principles, candidates can achieve their certification goals responsibly and effectively, contributing to the operational excellence of the United States Army.

**QuestionAnswer** What is the purpose of the GCSS-Army test? The GCSS-Army test assesses a soldier's knowledge of the Global Combat Support System-Army, including logistics, supply procedures, and system navigation to ensure operational readiness. Are there official answer keys available for the GCSS-Army test? Official answer keys are not publicly released; however, study guides and practice questions are available to help prepare for the test. How can I prepare effectively for the GCSS-Army test? Review the GCSS-Army training manuals, participate in hands-on system training, and utilize practice tests to familiarize yourself with common questions and system functions. Is passing the GCSS-Army test mandatory for all logistics personnel? Yes, passing the GCSS-Army test is required for logistics personnel to demonstrate their proficiency in using the system and to maintain operational standards. What are some common topics covered in the GCSS-Army test? Topics include system navigation, inventory management, supply requisitions, order processing, and troubleshooting within the GCSS-Army platform. Where can I find legitimate resources or practice questions for the GCSS-Army test? Resources are available through official Army training portals, local training centers, and authorized e-learning platforms. Avoid unofficial or questionable sources to ensure accurate preparation.

**Related keywords:** GCSS Army, GCSS Army training, GCSS Army answers, GCSS Army login, GCSS Army cheat sheet, GCSS Army help, GCSS Army tutorials, GCSS Army practice, GCSS

Army questions, GCSS Army support

## microsoft test manager tutorial

### **Microsoft Test Manager Tutorial: A Comprehensive Guide to Efficient Test Management**

In the world of software development, ensuring the quality and reliability of your applications is paramount. Microsoft Test Manager (MTM) is a powerful tool designed to streamline the testing process, enabling teams to plan, execute, and track testing efforts with ease. Whether you're a beginner or looking to enhance your testing workflows, this **Microsoft Test Manager tutorial** will provide you with a step-by-step guide to harnessing MTM's full potential for your projects.

## Understanding Microsoft Test Manager

Before diving into the tutorial, it's essential to grasp what Microsoft Test Manager is and how it integrates into the broader Visual Studio ecosystem.

### What is Microsoft Test Manager?

Microsoft Test Manager is a test management tool integrated with Visual Studio Team Services (VSTS) and Azure DevOps. It provides an intuitive interface for managing test plans, creating and executing test cases, and tracking testing progress. MTM supports both manual and exploratory testing, making it versatile for various testing scenarios.

### Key Features of Microsoft Test Manager

- Test Planning: Create and organize test plans, test suites, and test cases.
- Test Execution: Execute manual tests and record results efficiently.
- Test Tracking: Monitor testing progress and generate detailed reports.
- Exploratory Testing: Conduct ad-hoc testing sessions with session-based testing capabilities.
- Integration: Seamlessly connects with Azure DevOps for continuous testing workflows.

## Setting Up Microsoft Test Manager

Getting started with MTM involves installing and configuring the tool for your environment.

### Prerequisites

- Visual Studio Enterprise or Professional edition (with test management features).
- Azure DevOps account or TFS (Team Foundation Server) setup.
- Appropriate permissions to access test management features.

## Installing Microsoft Test Manager

- Download the Visual Studio Installer from the official Microsoft website.
- Choose the edition that includes testing tools (e.g., Visual Studio Enterprise).
- During installation, select the "Testing Tools" workload to install MTM.
- Complete the installation and launch Visual Studio.
- Connect to your Azure DevOps project or TFS server within Visual Studio.

## Creating and Managing Test Plans

A well-structured test plan is the foundation of successful testing. MTM simplifies organizing your testing efforts through test plans and suites.

### Creating a Test Plan

- Open Microsoft Test Manager from Visual Studio or the Azure DevOps portal.
- Navigate to the "Test Plans" section.
- Click "New Test Plan" and provide a descriptive name, description, and start/end dates.
- Associate the test plan with a specific build or release if needed.
- Save the test plan to begin adding test cases.

### Organizing Test Suites

Test suites help categorize test cases based on features, modules, or testing strategies.

- **Static Test Suites:** Manually organize test cases into logical groups.
- **Requirement-Based Test Suites:** Link test cases to specific requirements or user stories.
- **Query-Based Test Suites:** Dynamically generate test cases based on queries.

### Adding Test Cases

- Within your test suite, click "New Test Case" or import existing cases.
- Define the test case steps, expected results, and associated requirements.

- Assign priority, owner, and other metadata to facilitate management.
- Save the test case to include it in your suite.

## Executing Tests with Microsoft Test Manager

Once your test cases are organized, the next step is executing tests and recording results.

### Manual Test Execution

- Open the test plan and select the test suite to execute.
- Click "Run" on the test case you wish to execute.
- Follow the test steps as documented, marking each step as "Passed" or "Failed."
- If a test fails, record detailed bug information directly from the test runner.
- Complete the test run, and the results will be saved automatically.

### Using Action Recording and Data Collection

MTM allows capturing detailed logs and screenshots during test execution, aiding in defect analysis and reproducibility.

### Exploratory Testing

For ad-hoc testing, MTM offers session-based testing:

- Schedule a testing session with session details.
- Conduct testing while documenting observations and findings.
- Record bugs and issues discovered during the session.

## Tracking and Reporting Testing Progress

Effective test management requires insight into testing status and quality metrics.

### Monitoring Test Results

- Navigate to the "Test Results" section in MTM or Azure DevOps.
- Review individual test case outcomes and overall progress.
- Filter results by tester, status, or test plan for detailed analysis.

## Generating Reports

MTM provides various built-in reports to visualize testing status:

- Test Results Summary
- Test Case Progress and Trends
- Bugs and Defects Reports

## Integrating with Bug Tracking

During testing, bugs can be logged directly from MTM, linked to specific failed test cases, ensuring traceability and quick resolution.

## Advanced Tips and Best Practices

Maximize your testing efficiency with these expert tips:

### Automate Repetitive Tests

Integrate MTM with automated testing frameworks like MSTest, NUnit, or Selenium to run automated tests alongside manual efforts.

### Maintain Test Cases Regularly

Keep your test cases updated with application changes to ensure relevance and accuracy.

### Use Tags and Filters

Leverage tags and filters to quickly locate and execute specific test cases based on criteria like priority, feature, or owner.

### Collaborate Effectively

Encourage team collaboration by sharing test plans and results, and conducting regular review meetings to discuss testing progress.

## Conclusion

Microsoft Test Manager is an essential tool for teams aiming to implement structured and efficient testing workflows. From creating comprehensive test plans and organizing test suites to executing

tests and tracking outcomes, MTM provides a centralized platform that enhances test visibility and quality assurance. By following this **Microsoft Test Manager tutorial**, you can streamline your testing process, improve defect detection, and deliver higher-quality software products. Remember to stay updated with the latest features and best practices to maximize your testing success with MTM.

## Microsoft Test Manager tutorial: A Comprehensive Guide to Streamlining Your Testing Process

Microsoft Test Manager (MTM) is a powerful tool integrated within the Azure DevOps suite, designed to facilitate efficient test planning, management, and execution. Whether you are a QA professional, a developer, or a project manager, mastering MTM can significantly enhance your testing workflows, improve defect detection rates, and ensure higher quality software releases. This tutorial aims to provide an in-depth overview of Microsoft Test Manager, guiding you through its features, setup, best practices, and real-world applications.

### Introduction to Microsoft Test Manager

Microsoft Test Manager is a dedicated testing management environment that helps teams plan, execute, and track testing activities seamlessly. Originally part of Visual Studio Test Professional, MTM is now integrated within Azure DevOps, offering a unified platform for Agile testing, exploratory testing, and manual test case management.

### Key Features of Microsoft Test Manager

- Test Planning: Create and organize test plans, test suites, and test cases.
- Test Execution: Run manual tests, record results, and capture screenshots.
- Test Management: Track defects, manage test configurations, and generate reports.
- Integration: Seamlessly connect with Azure DevOps for continuous integration and automated testing workflows.
- Exploratory Testing: Record exploratory sessions with detailed notes and recordings.

### Setting Up Microsoft Test Manager

Before diving into testing, proper setup of MTM is essential.

#### Prerequisites

- A valid Azure DevOps account with appropriate permissions.
- Installed Visual Studio Test Professional or access via Azure DevOps.

- Access to a test environment or lab machines.

## Installation and Configuration

- Download and Install: Download Microsoft Test Manager from the Visual Studio downloads page or via Azure DevOps.
- Connect to Azure DevOps: Launch MTM and connect it to your Azure DevOps project by signing in with your credentials.
- Configure Test Environments: Set up test machines, configurations, and network environments to align with your testing needs.

## Tips for Effective Setup

- Organize your test plans hierarchically for easier management.
- Maintain a clear mapping between test environments and real-world configurations.
- Regularly update test artifacts to ensure they reflect current application versions.

## Creating and Managing Test Plans

Test planning is the foundation of effective testing.

### Creating a Test Plan

- In MTM, navigate to the "Test Plans" section.
- Click "New Test Plan" and provide a descriptive name, start/end dates, and any relevant details.
- Assign ownership and stakeholders.

## Organizing Test Suites

- Static Test Suites: Manually added test cases grouped logically.
- Requirement-based Suites: Linked to user stories or requirements for traceability.
- Query-based Suites: Dynamic grouping based on queries.

## Best Practices

- Break down large test plans into smaller, manageable suites.

- Link test cases to user stories or bugs for better traceability.
- Regularly review and update test plans to reflect current project scope.

## Designing and Managing Test Cases

Creating effective test cases is critical to uncovering defects early.

## Writing Test Cases

- Clear, concise steps with expected results.
- Use descriptive titles and tags for easy filtering.
- Include preconditions and postconditions.

## Reusing Test Cases

- Modularize test steps for reuse across different test cases.
- Attach relevant documentation, screenshots, or scripts.

## Organizing Test Cases

- Group related test cases into shared test suites.
- Use labels and tags for categorization.

## Tips for Effective Test Cases

- Prioritize test cases based on risk and impact.
- Keep test cases up-to-date with application changes.
- Incorporate exploratory testing notes within test cases or as separate sessions.

## Test Execution and Result Recording

Executing tests efficiently and accurately recording results is vital.

## Running Manual Tests

- Select a test case from your test suite.

- Follow each step, observing the actual behavior.
- Record outcomes: Passed, Failed, Blocked, or Not Applicable.
- Capture screenshots or record videos if needed.

### Recording Defects

- Link defects directly to failed test cases.
- Provide detailed descriptions, steps to reproduce, and severity.
- Attach logs or screenshots to aid debugging.

### Managing Test Runs

- Use test configurations to run multiple test cases under different environments.
- Schedule and assign test runs to team members.
- Monitor real-time progress and results.

### Pros and Cons of Test Execution Features

#### Pros:

- Streamlined process for manual testing.
- Rich media capture for detailed documentation.
- Easy defect linkage and traceability.

#### Cons:

- Manual process can be time-consuming for large test suites.
- Limited automation capabilities within MTM itself.

### Integrating Automated Testing with Microsoft Test Manager

While MTM excels at manual testing, integration with automated testing frameworks enhances overall efficiency.

### Integration with Visual Studio Test Automation

- Use Visual Studio Test tools to develop automated test scripts.
- Link automated tests to test cases in MTM.
- Run automated tests as part of continuous integration pipelines.

### Benefits of Integration

- Reduces manual effort.
- Ensures consistency between manual and automated testing.
- Facilitates comprehensive test coverage.

### Limitations

- Setup can be complex for beginners.
- Requires scripting knowledge for automation.

### Reporting and Tracking

Effective reporting provides insights into testing progress and quality metrics.

### Built-in Reports

- Test Run Summary
- Test Results Trend
- Defect Status and Age
- Requirements Traceability Matrix

### Custom Reports

- Use Azure DevOps Analytics or Power BI for tailored dashboards.
- Export data for external analysis.

### Best Practices

- Regularly review reports to identify bottlenecks.
- Use metrics to prioritize testing efforts.
- Maintain up-to-date dashboards for stakeholder visibility.

## Best Practices for Using Microsoft Test Manager

- Plan Early: Incorporate testing early in the development lifecycle.
- Maintain Test Artifacts: Keep test cases and plans updated with application changes.
- Leverage Linkages: Connect requirements, test cases, defects, and build versions.
- Automate Where Possible: Use automation to handle repetitive and regression testing.
- Collaborate: Engage team members through shared test plans and results.
- Review Regularly: Conduct test reviews and retrospectives for continuous improvement.

## Common Challenges and How to Overcome Them

### Challenge: Managing Large Test Suites

Solution: Break down into smaller, manageable suites; use query-based suites for dynamic grouping.

### Challenge: Keeping Test Cases Up-to-date

Solution: Establish a review cycle aligned with development sprints; assign ownership.

### Challenge: Integration Complexity

Solution: Invest in automation and continuous integration pipelines; use documentation and training.

### Challenge: Limited Automation within MTM

Solution: Use external automation tools integrated with Azure DevOps, such as Selenium or Coded UI.

## Conclusion

Microsoft Test Manager is a robust tool that, when used effectively, can significantly boost your testing efficiency, coverage, and traceability. Its comprehensive features for test planning, execution, defect management, and reporting make it indispensable for teams adopting Agile and DevOps practices. While there are challenges, especially around automation and managing large test repositories, with proper setup, training, and best practices, MTM can become a cornerstone of your software quality assurance process.

By following this tutorial, you should now have a clear understanding of how to leverage Microsoft Test Manager to streamline your testing operations, improve collaboration, and ultimately deliver

higher quality software to your users. Remember, continuous learning and adaptation are key to maximizing the benefits of MTM in your projects.

**Question** Answer What are the main features of Microsoft Test Manager (MTM)? Microsoft Test Manager (MTM) provides features such as test planning, manual test execution, test case management, bug tracking integration, and collaboration tools to streamline the testing process within Visual Studio and Azure DevOps. How do I create and organize test plans in Microsoft Test Manager? In MTM, you can create test plans by navigating to the 'Test Plans' hub, clicking 'New Test Plan,' and defining its name and details. You can then add test suites and test cases to organize tests based on requirements, features, or test types for better management. Can I automate tests using Microsoft Test Manager, and how is it integrated with other tools? While MTM primarily supports manual testing, it integrates seamlessly with Visual Studio and Azure DevOps, enabling automation through test scripts and frameworks like MSTest, Selenium, or CodedUI. Automated tests can be linked to test cases for comprehensive test management. What are the best practices for using Microsoft Test Manager effectively? Best practices include maintaining detailed and reusable test cases, organizing tests into logical suites, utilizing shared steps for common actions, integrating with bug tracking, and regularly updating test plans based on project changes to ensure thorough testing coverage. Is Microsoft Test Manager suitable for Agile development environments? Yes, MTM is well-suited for Agile teams as it supports iterative testing, easy integration with Azure DevOps Agile tools, and flexible test planning, allowing teams to adapt testing activities to sprint cycles and continuous delivery workflows.

**Related keywords:** Microsoft Test Manager, TFS testing, test planning, test case management, automated testing, test execution, bug tracking, test lab management, test reporting, test automation tools

**Read the full article online:** [Microsoft Test Manager Tutorial](#)