

MTA 98-375 HTML5 Application Development Fundamentals Certification Exam Preparation

Supplemental Study Tips Guide

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Important Information – MTA 98-375 Exam

As stated on the Microsoft's information published for its **MTA 98-375 Certification** Exam (developed in 2012), "candidates for this exam are those seeking to prove core HTML5 client application development skills that will run on today's touch-enabled devices (PCs, tablets, and phones). Although HTML is often thought of as a web technology that is rendered in a browser to produce a UI, this exam focuses on using HTML5, CSS3, and JavaScript to develop client applications." Note: The concepts in this exam are also very applicable to developing websites in HTML5. The exam helps you to document these skills as you engage in your job search activities. Examples of the Microsoft's focus in this exam are concepts such as the Windows phone and Microsoft store. Although there may be older solutions in the Microsoft exam book, these are the methods and techniques being tested on the MTA 98-375 exam.

It is important to understand that successful IT professionals must continuously learn the latest concepts. IT technologies change often, and older technologies are replaced by new ones or updated. When tasked with a project, you may find that you need to conduct research to learn how to adapt what you know to what you need to do. This constant learning and updating your skills will be a vital part of your ongoing career regardless of the specific job position you choose. Successful programmers learn new concepts this daily. IT professionals **MUST** stay current. What you learn today is a good foundation, but it is just that – a foundation. You will need to be a career-long learner to stay current and be successful. Also, the more you know and learn, the easier it is to learn the latest concepts and adapt what is current to what you already know. For example, you now understand the concept of HTML5 tags and how they are used. As technologies change, some tags will be used less frequently or only for certain purposes while you may find in the future that there are other tags you must learn for new purposes. Since you already understand how HTML5 works, the new tags will be easy to understand and apply. Keep learning!

Exam Study Tips

To assist you in successfully passing the MTA 98-375 exam, consider the following tips:

1. Study your textbook. The textbook correlates to the existing Microsoft exam. Even though you may have learned more recent HTML5 concepts, the exam covers the information in the textbook.
 - a. Web Workers API, Geolocation API, and WebSocket APIs: There are several questions about Web Workers API, Geolocation API, and WebSocket APIs and how to use them. Make sure to review specifically the concepts in Chapter 10.
 - b. Touch Events and Handlers: Make sure you understand information about touch events and handlers as well as touch devices. Do you know the touch gestures and what they do? See Chapter 10 as well
 - c. Code Examples: Make sure you understand HTML structure, CSS, JavaScript, and jQuery using code examples. This information is covered throughout the book. Study the code where this information is applied as well as these concepts themselves.
 - d. HTML Forms and Form Inputs: Make sure you have a solid understanding of HTML forms and form inputs including input types and attributes. This information is mostly found in Chapter 3.
 - e. Definitions of Key Terms: Study the definitions in each chapter. These are found in the Key Terms located at the beginning of each chapter.
 - f. MTA Exam Objective Matrix: Use the exam outline provided in the MTA Exam Objective Matrix at the beginning of each textbook chapter and Appendix A in the textbook and make sure you understand the concepts described by each exam objective.
 - g. Differences between Canvas and SVG: Make sure you know the simple, but functional differences between Canvas and SVG and review the Canvas arc() method.
2. Complete the practice exams. Take the practice exams, check your answers, and make sure you understand any question you missed. Some of the questions have explanations. Study these. Also go back to your textbook to be clear on the concepts. The practice exams also help you to become comfortable in taking a Microsoft certification exam.

3. Note the practice test corrections. We found some mistakes in the practice tests. Make sure you review these corrections.

Corrections to Microsoft Exam 98-375 HTML5 Application Development Fundamentals – 89
Questions Practice Exam

Question 30. What does the following HTML5 code fragment do?

```
<video controls>
  <source src="myVacation.avi" type="video/avi">
  <source src="myVacation.ogg" type="video/ogg">
</video>
```

- A) It plays the myVacation.avi video if the browser supports it; otherwise, plays the myVacation.ogg video if the browser supports it.
- B) It plays two videos: first myVacation.avi, and then myVacation.ogg.
- C) It plays both videos simultaneously, myVacation.avi and myVacation.ogg.
- D) It prompts the user to choose which format of the myVacation video it should play, .avi or .ogg.

Correct Answer: A)

Question 79. You add a div object to a page. Which CSS3 code fragment will add a scrollbar only if the content exceeds the width or height of the object?

- | | |
|---|---|
| <pre>div { inline:scroll; }</pre> <p>A)</p> <pre>div { inline:auto; }</pre> <p>B)</p> | <p>C)</p> <pre>div { overflow:scroll; }</pre> <p>D)</p> <pre>div { overflow:auto; }</pre> |
|---|---|

Correct Answer: D) overflow:auto