

Certifications & exams > MCSD



## Microsoft Certified Solutions Developer (MCSD)

The globally recognized standard for developers

Prove your ability to build innovative solutions across multiple technologies, both on-premises and in the cloud.

There are 4 possible tracks within the MCSD certification; bellow are each one details and required exams:

### 1 - [MCSD: Windows Store Apps](#)



## MCSD: Windows Store Apps

Solutions Developer

**The globally recognized standard for developer excellence**

Demonstrate your expertise at designing and developing fast and fluid Windows 8 apps. There are two paths to achieving this certification—using HTML5 or C#. (New to IT? Learn about [MTA certification for new entrants.](#))

Have you heard about the upcoming Windows 8.1 and Visual Studio 2013 updates?

[Read the FAQ to learn how Microsoft is updating its certifications.](#)


If you're leveraging your existing web programming skills in JavaScript, or starting from scratch on a new website, we recommend choosing the HTML5 path. If you're a .NET developer and are planning to create Windows 8 apps, choose the C# path.

Earning an MCSD: Windows Store Apps certification will qualify you for such jobs as software developer, web developer, and quality engineer.

Fonte: [www.microsoft.com](http://www.microsoft.com)

Precisa de ajuda? Deseja mais esclarecimentos? [instituto@prisma.pt](mailto:instituto@prisma.pt)

### Get your MCSD: Windows Store Apps Using HTML5

Step	Title	Training	Required exam	Certification earned
1	Programming in HTML5 with JavaScript and CSS3	MOC 20480	<a href="#">480</a>	
2	Essentials of Developing Windows Store Apps Using HTML5 and JavaScript	MOC 20481	<a href="#">481</a>	
3	Advanced Windows Store App Development Using HTML5 and JavaScript	MOC 20482	<a href="#">482</a>	

### Get your MCSD: Windows Store Apps Using C#

1	Programming in C#	MOC 20483	<a href="#">483</a>
2	Essentials of Developing Windows Store Apps Using C#	MOC 20484	<a href="#">484</a>
3	Advanced Windows Store App Development Using C#	MOC 20485	<a href="#">485</a>

Exam 480 and Exam 483 validate programming skills in a specific language. By passing one of these exams you will earn a [Microsoft Specialist](#) certification.




These MCSD certifications require you to show continued ability to perform in your chosen solution area by completing a recertification exam every two years.

[Learn about the related Microsoft Specialist certification in Windows UX design.](#)

## How to upgrade to the MCSD: Windows Store Apps certification

You can upgrade this certification to the MCSD: Windows Store Apps Using C# certification.

MCPD: Windows Developer 4


Step	Title	Training	Required exam	Certification earned
1	Essentials of Developing Windows Store Apps Using C#	MOC 20484	484	
2	Advanced Windows Store App Development Using C#	MOC 20485	485	

There is no upgrade path to earn MCSD: Windows Store Apps Using HTML5.


---

## How to recertify the MCSD: Windows Store Apps certification

If you currently hold the MCSD: Windows Store Apps Using HTML5 certification and are approaching your two-year recertification date, you can recertify through the following process:

Step	Title	Training	Required exam	Certification earned
1	Recertification for MCSD: Windows Store Apps Using HTML5	Not available	490 (available in February 2014)	

If you currently hold the MCSD: Windows Store Apps Using C# certification and are approaching your two-year recertification date, you can recertify through the following process:

Step	Title	Training	Required exam	Certification earned
1	Recertification for MCSD: Windows Store Apps Using C#	Not available	491 (available in February 2014)	

## 2- [MCSD: Web Applications](#)




# MCSD: Web Applications

## Solutions Developer

The globally recognized standard for developer excellence

Get recognized for your expertise in creating and deploying modern web applications and services. (New to IT? Learn about [MTA certification for new entrants](#).)

Earning an MCSD: Web Applications certification will qualify you for a position as a web developer or web administrator.

Step	Title	Training	Required exam	Certification earned
1	Programming in HTML5 with JavaScript and CSS3	MOC <a href="#">20480</a>	<a href="#">480</a>	
2	Developing ASP.NET MVC 4 Web Applications	MOC <a href="#">20486</a>	<a href="#">486</a>	
3	Developing Windows Azure and Web Services	MOC <a href="#">20487</a>	<a href="#">487</a>	



This MCSD certification requires you to show continued ability to perform in your chosen solution area by completing a recertification exam every two years.

### Additional options

You can substitute [Exam 483: Programming in C#](#) for Exam 480.

[See the optional training for Programming in C#.](#)

---

### How to upgrade to the MCSD: Web Applications certification

You can upgrade either the MCPD: Web Developer 4 or MCPD: Windows Azure Developer certification to the MCSD: Web Applications certification.

Fonte: [www.microsoft.com](http://www.microsoft.com)

Precisa de ajuda? Deseja mais esclarecimentos? [instituto@prisma.pt](mailto:instituto@prisma.pt)

Step	Title	Training	Required exam	Certification earned
1	Programming in HTML5 with JavaScript and CSS3	MOC 20480	480	<b>Microsoft</b> <b>CERTIFIED</b> Solutions Developer Web Applications
2	Upgrade your MCPD: Web Developer 4 to MCSD: Web Applications	Not available	492	

### 3 - MCSD: SharePoint Applications



## MCSD: SharePoint Applications


### Solutions Developer

The globally recognized standard for developer excellence

Demonstrate your expertise at designing and developing collaboration applications with Microsoft SharePoint. To achieve this certification you must have a solid foundation of web programming skills using HTML5 with JavaScript and ASP.NET MVC 4. (New to application development? Learn about [MTA certification for new entrants.](#))

Earning an MCSD: SharePoint Applications certification will qualify you for such jobs as software developer or web developer.

Step	Title	Optional training	Required exam	Certification earned
1	Programming in HTML5 with JavaScript and CSS3	MOC 20480	480	<b>Microsoft</b> <b>CERTIFIED</b> Solutions Developer SharePoint Apps
2	Developing ASP.NET MVC 4 Web Applications	MOC 20486	486	
3	Developing Microsoft SharePoint Server 2013 Core Solutions	488	488	
4	Developing Microsoft SharePoint Server 2013 Advanced Solutions	MOC 20489	489	

 This MCSD certification requires you to show continued ability to perform in your chosen solution area by completing a recertification exam every two years.

#### 4 - [MCSD: Application Lifecycle Management](#)




## MCSD: Application Lifecycle Management


### Solutions Developer

The globally recognized standard for developer excellence

Get recognized for your expertise in managing the entire lifespan of application development. (New to IT? [Learn about MTA certification for new entrants.](#))

Earning an MCSD: Application Lifecycle Management certification will qualify you for such jobs as developer, applications engineer, and IT project manager.

Step	Title	Training	Required exam	Certification earned
1	Administering Microsoft Visual Studio Team Foundation Server 2012	<a href="#">496</a>	<a href="#">496</a>	
2	Software Testing with Visual Studio 2012	<a href="#">497</a>	<a href="#">497</a>	
3	Delivering Continuous Value with Visual Studio 2012 Application Lifecycle Management	<a href="#">498</a>	<a href="#">498</a>	

 This MCSD certification requires that you show continued ability to perform in your chosen solution area by completing a recertification exam every two years.