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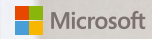
Microsoft TRAINING AND CERTIFICATIONS

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"I think the combination of graduate

education in a field like Computer

Science and the opportunity to apply

this in a work environment like

Microsoft is what drove me.

The impact these opportunities

create can lead to work that

has broad, worldwide impact."

Satya Nadella
CEO Microsoft

THE WORLD OF MICROSOFT

Microsoft strives to ensure that everyone will benefit from the opportunities offered by innovative technology products, built to fulfill ambitions and transform the way people work, learn and communicate.

Do you want to gain knowledge about Microsoft technologies and validate this knowledge with a certificate? If so, then Global Knowledge is the training partner for you!

As a Microsoft Certified Partner with Gold Learning Competence, we work closely with Microsoft to transfer knowledge of products and solutions to you.

With an extensive range of authorised Microsoft training courses on offer, along with a global presence, we can deliver the highest level of Microsoft training, in a location that suits you.
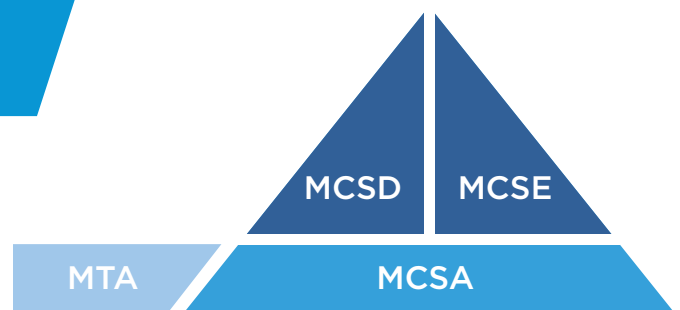
MICROSOFT CERTIFICATION PROGRAMME

The Microsoft certification programme plays an important role in the changing IT landscape for new technologies, with an increased focus on cloud technology.

The certification structure consists of two levels per technology: Associate and Expert. The MCSD certification has the same level as an Expert certification.

There are also preliminary MTA certifications which can be obtained.

MICROSOFT TECHNOLOGY ASSOCIATE (MTA)

MTA is an introductory Microsoft certification for individuals considering a career in technology. Microsoft Technology Associate certification addresses a spectrum of fundamental technical concepts, assesses and validates your core technical knowledge, and enhances your technical credibility. MTA exams do not qualify for Microsoft Certification Programme certification, nor are they a prerequisite for a MCSA certification.

MCSD | MCSE

MTA | MCSA

Available MTA certification tracks:

- MTA IT Infrastructure
- MTA Database
- MTA Developer

MICROSOFT CERTIFIED SOLUTIONS ASSOCIATE (MCSA)

MCSA is the foundation of the Microsoft certification programme. This Associate-level certification validates knowledge and skills for the most important platforms within an IT environment, for both cloud and on-premise software.

Available MCSA certification tracks:

- MCSA Windows 10
- MCSA Windows Server 2016
- MCSA Cloud Platform
- MCSA Linux on Azure
- MCSA Office 365
- MCSA SQL 2016 Database Development
- MCSA SQL 2016 Database Administration
- MCSA SQL 2016 Business Intelligence Development
- MCSA Machine Learning
- MCSA Web Applications
- MCSA Universal Windows

MICROSOFT CERTIFIED SOLUTIONS EXPERT (MCSE)

MCSE certification demonstrates the technical and professional skills of a Microsoft IT professional. The certification covers the technical knowledge of a Microsoft solution. A MCSE is able to to build innovative cloud and on-premises solutions across multiple technologies.

Available MCSE certification tracks:

- MCSE Cloud Platform and Infrastructure
- MCSE Productivity
- MCSE Mobility
- MCSE Data Management and Analytics

DEVELOPER (MCSD) APP BUILDER

The MCSD App Builder certification validates the skills needed to build modern mobile and/or web applications and services.

MICROSOFT CERTIFICATION ROADMAP

Mobility

Exam 697
Configuring Windows Devices
Course Code **M20697-1**

Exam 698
Installing and Configuring Windows 10
Course Code **M20698**

Cloud Platform & Infrastructure

Exam 740
Installation, Storage & Compute with Windows Server 2016
Course Code **M20740**

Exam 741
Networking with Windows Server 2016
Course Code **M20741**

Exam 742
Identity with Windows Server 2016
Course Code **M20742**

Exam 533
Managing Microsoft Azure Infrastructure Solutions
Course Code **M20533**

Exam LFCS
Linux Foundation Certified System Administrator
Course Code **M55187**

CHOOSE 2 EXAMS: 532, 533, 534, 473, 475
Recommended Courses: M20532, M20533, M40442, M40441

Exam 410
Installing and Configuring Windows Server 2012
Course Code **M20410**

Exam 411
Administering Windows Server 2012
Course Code **M20411**

Exam 412
Configuring Advanced Windows Server 2012 Services
Course Code **M20412**

Productivity

Exam 346
Managing Office 365 Identities and Requirements
Course Code **M20347**

Exam 347
Enabling Office 365 Services
Course Code **M20347**

Data Management & Analytics

Exam 761
Querying Data with Transact-SQL
Course Code **M20761**

Exam 762
Developing SQL Databases
Course Code **M20762**

Exam 764
Administering a SQL Database Infrastructure
Course Code **M20764**

Exam 765
Provisioning SQL Databases
Course Code **M20765**

Exam 767
Implementing a SQL Data Warehouse
Course Code **M20767**

Exam 768
Developing SQL Data Models
Course Code **M20768**

Exam 773
Anayzing Big Data with Microsoft R
Course Code **M20773**

Exam 774
Perform Cloud Data Science with Azure Machine Learning
No course available

App Builder

Exam 480
Programming in HTML5 with JavaScript and CSS3
Course Code **M20480**

Exam 486
Developing ASP.NET MVC Web Applications
Course Code **M20486**

Exam 483
Programming in C#
Course Code **M20483**

Exam 357
Developing Mobile Apps
No course available

Microsoft Official exam   (★) MCSA: Microsoft Certified Solutions Associate

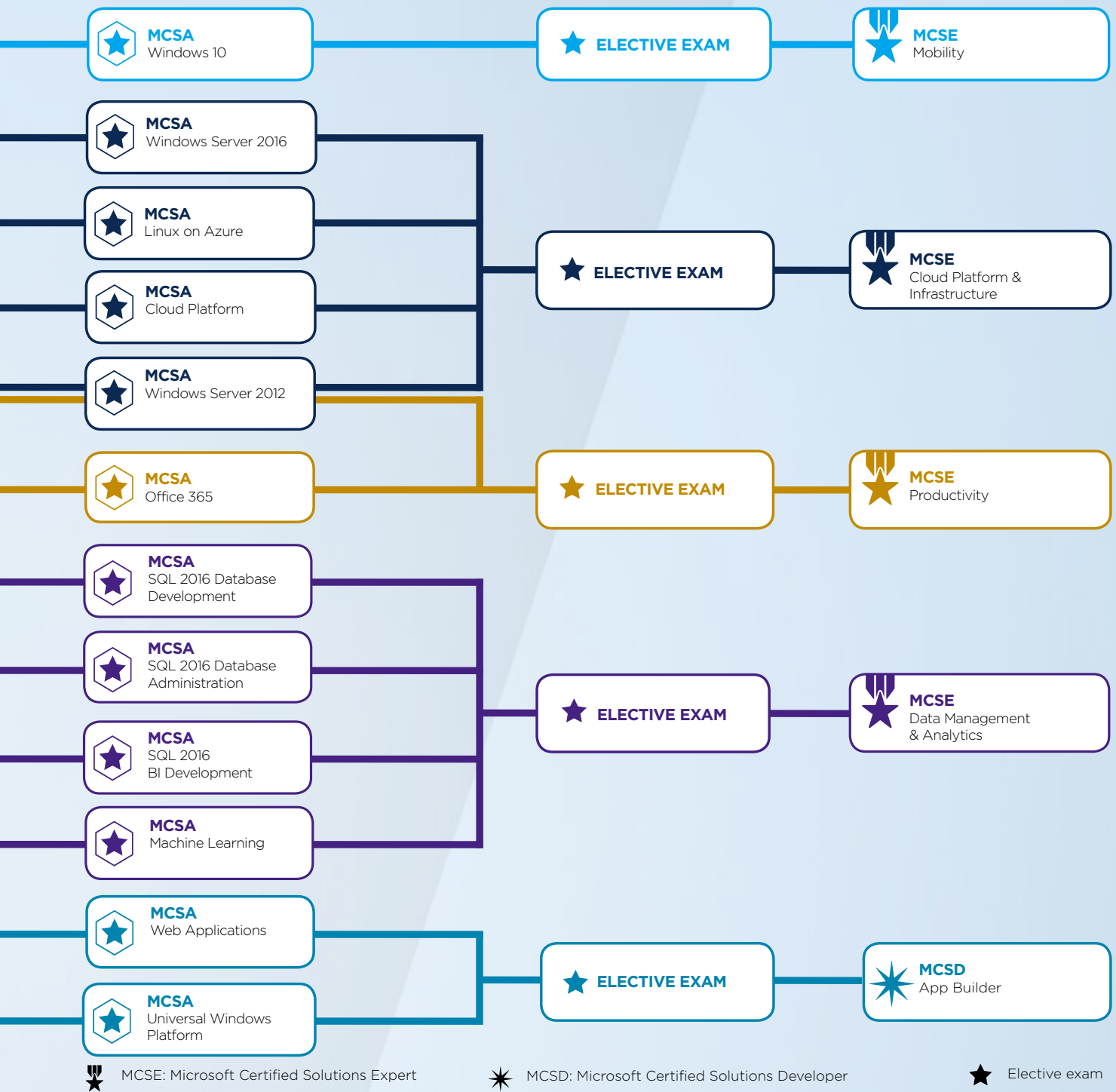## ★ ELECTIVE EXAMS

Mobility

- 398 - Planning for and Managing Devices in the Enterprise | Course M20398
- 695 - Deploying Windows Desktops and Enterprise Applications | Course M20695
- 696 - Administering System Center Configuration Manager and Intune | Course M20696

Cloud Platform & Infrastructure

- 532 - Developing Microsoft Azure Solutions | Course M20532
- 533 - Managing Microsoft Azure Infrastructure Solutions | Course M20533
- 534 - Architecting Microsoft Azure Solutions | Course M40442
- 473 - Designing and Implementing Cloud Data Platform Solutions | Course M40441
- 475 - Designing and Implementing Big Data Analytics Solutions | No course available
- 744 - Securing Windows Server 2016 | Course M20744
- 413 - Designing and Implementing a Server Infrastructure | Course M20413
- 414 - Implementing an Advanced Server Infrastructure | Course M20414
- 246 - Monitoring and Operating a Private Cloud | Course M20246
- 247 - Configuring and Deploying a Private Cloud | Course M20247

Productivity

- 345 - Designing and Deploying Microsoft Exchange Server 2016 | Courses M20345-1 & M20345-2
- 339 - Managing Microsoft SharePoint Server 2016 | Courses M20339-1 & M20339-2
- 333 - Deploying Enterprise Voice with Skype for Business 2015 | Course M40409
- 334 - Core Solutions of Microsoft Skype for Business 2015 | Course M20334
- 331 - Core Solutions of Microsoft SharePoint Server 2013 | Course M20331
- 332 - Advanced Solutions of Microsoft SharePoint Server 2013 | Course M20332
- 341 - Core Solutions of Microsoft Exchange Server 2013 | Course M20341
- 342 - Advanced Solutions of Microsoft Exchange Server 2013 | Course M20342

Certification Path Diagram

MCSA Windows 10 → **ELECTIVE EXAM** → **MCSE** Mobility

MCSA Windows Server 2016
MCSA Linux on Azure
MCSA Cloud Platform
MCSA Windows Server 2012
→ **ELECTIVE EXAM** → **MCSE** Cloud Platform & Infrastructure

MCSA Office 365 → **ELECTIVE EXAM** → **MCSE** Productivity

MCSA SQL 2016 Database Development
MCSA SQL 2016 Database Administration
MCSA SQL 2016 BI Development
MCSA Machine Learning
→ **ELECTIVE EXAM** → **MCSE** Data Management & Analytics

MCSA Web Applications
MCSA Universal Windows Platform
→ **ELECTIVE EXAM** → **MCSD** App Builder

MCSE: Microsoft Certified Solutions Expert
MCSD: Microsoft Certified Solutions Developer
Elective exam

Data Management & Analytics

473 - Designing and Implementing Cloud Data Platform Solutions | Course M40441
475 - Designing and Implementing Big Data Analytics Solutions | No course available
464 - Developing Microsoft SQL Server Databases | Course M20464
465 - Designing Database Solutions for SQL Server | Course M20465
466 - Implementing Data Models and Reports with Microsoft SQL Server | Course M20466
467 - Designing Business Intelligence Solutions | Course M20467

App Builder

534 - Architecting Microsoft Azure Solutions | Course M40442
532 - Developing Microsoft Azure Solutions | Course M20532
487 - Developing Microsoft Azure and Web Services | Course M20487
488 - Developing Microsoft SharePoint Server 2013 Core Solutions | Course M20488
489 - Developing Microsoft SharePoint Server 2013 Advanced Solutions | Course M20489
354 - Universal Windows Platform - App Architecture and UX/UI | Course M20354
355 - Universal Windows Platform - App Data, Services, and Coding Patterns | Course M20355
496 - Administering Microsoft Visual Studio Team Foundation Server | Course M20496
497 - Software Testing with Visual Studio | Course M20497
498 - Delivering Continuous Value with Visual Studio Application Lifecycle Management | Course M20498

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* Additional paths and certification tracks may become available over time.
For the latest updates please visit https://www.microsoft.com/en-us/learning/certification-overview.aspx

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Authorised

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Assessments

Knowledge Checks are placed throughout each course, giving the opportunity to confirm that you have a full understanding of the topic, before moving onto the next step.

Updates

You'll automatically gain access to updates for Microsoft Official Courses On-Demand as soon as they become available.

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Take advantage of the free Microsoft Azure First Look Clinic.
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3. **Search First Look Clinic: Microsoft Azure and follow the training course**
4. **After activating your code the training course is available for 3 months**
5. **If needed you can download a manual at:**
   https://labs.microsoftlabsonline.com/OnDemandConnection/GetUserGuide

MICROSOFT SOFTWARE ASSURANCE (SA) TRAINING VOUCHERS

Microsoft Software Assurance is a comprehensive package of services that helps keep the purchase, deployment, installation, management and maintenance of your software programs simple.

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