



Microsoft Azure Architect Master's Course

In Collaboration with **Microsoft**

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About the Program

Our Microsoft Azure Certification Architect master's course will help you be a complete Microsoft Azure Architect. You will work on real-world projects in Azure AZ-104, AZ-204, AZ-303, and AZ-304. This Azure certification course includes developing applications for Azure, administrating and architecting Azure infrastructure, and more. As part of this Azure online classroom training, you will also receive official course material issued by Microsoft for Integrating On-premises Identity Infrastructure with Microsoft Azure, Developing Microsoft Azure and Web Services's, and Developing Microsoft Azure Solutions's.



Collaborating with Microsoft

Microsoft is one of the largest organizations in terms of inventing creative tools for various purposes inclined to Big Data Analytics. Experts from Microsoft and other top MNCs will offer you their understanding and knowledge in this field through this online certification. Moreover, you will also get deep insights into the concepts and gain hands-on experience by working on industry-specified assignments.

Benefits for students from Microsoft:

- Industry-recognised Microsoft certification
- Real-time projects and exercises



About Intellipaat

Intellipaate is one of the leading online e-learning training providers with more than 600,000 learners across 55+ countries. We are on a mission to democratize education as we believe that everyone has the right to quality education.

Our courses are delivered by subject matter experts from top MNCs and our world-class pedagogy enables to quickly learn difficult topics in no time. Our 24/7 technical support and career services will help learners jump-start their careers in their dream companies.

Key Features



**205 HRS OF INSTRUCTOR-LED
TRAINING**



**199 HRS OF SELF-PACED
TRAINING**



**246 HRS OF REAL-TIME
PROJECT WORK**



LIFETIME ACCESS



24/7 TECHNICAL SUPPORT



**INDUSTRY-RECOGNIZED
CERTIFICATION**



**JOB ASSISTANCE THROUGH
80+ CORPORATE TIE-UPS**



FLEXIBLE SCHEDULING

Career Support



SESSIONS WITH INDUSTRY MENTORS

Attend sessions from top industry experts and get guidance on how to boost your career growth



MOCK INTERVIEWS

Mock interviews to make you prepare for cracking interviews by top employers



GUARANTEED INTERVIEWS & JOB SUPPORT

Get interviewed by our 400+ hiring partners



RESUME PREPARATION

Get assistance in creating a world-class resume from our career services team



Why take up this course?

Microsoft Azure is one of the top cloud computing platforms today. The rate at which Azure cloud platform is growing is astonishing. Due to this, there are a huge number of job opportunities in Azure. This Intellipaat Azure Cloud master's program that includes the individual components of Azure AZ-104, AZ-204, AZ-303 and AZ-304 gives you the complete knowledge of development, administration and architecting solutions for Azure. Upon the completion of this training, you will be in a completely different league thus helping you command top-notch salaries.

Who should take up this training?

- Solutions Architects and Programmers looking to build SaaS, PaaS and IaaS applications
- Network and Systems Administrators
- Graduates and professionals looking to upgrade their skills with cloud technologies

Courses offered

INSTRUCTOR LED TRAINING COURSES

1. Azure Solutions (104)
2. Azure Solutions (204)
3. Azure Solutions (303-304)
4. Azure Devops
5. Azure Data Factory

SELF PACED LEARNING

1. Linux
2. Cloud Computing
3. AZ-900 Azure Training

Course Advisors



Suresh Paritala

Solutions Architect at Microsoft, Texas

A Senior Software Architect at Microsoft, Texas, who has previously worked with IBM Corporation, Suresh Paritala has worked on Big Data, Data Science, Advanced Analytics, Internet of Things, and Azure, along with AI domains like Machine Learning and Deep Learning. He has successfully implemented high-impact projects in major corporations around the world.



David Callaghan

Big Data Strategist and Solutions Architect, Perficient, USA

An experienced Blockchain professional, who has been bringing integrated Blockchain, particularly Hyperledger and Ethereum, and Big Data solutions to the cloud, David Callaghan has previously worked on Hadoop, AWS Cloud, Big Data, and Pentaho projects that have had major impact on the revenues of marquee brands around the world.

Program Curriculum

Azure Solutions 104

Learning Objective

Intellipaat's Microsoft Azure certification training paves a way for learners to get accustomed with Azure infrastructure and deployment. This training makes learners acquire skills in Azure administration, managing subscriptions, securing storage, securing and managing identities, deploying Virtual Machines, implementing Azure Load Balancer, migrating servers to Azure, integrating on-premise networks with Azure virtual network and managing application services among other aspects of Azure through implementing projects in real-world scenarios. Become a part of the Azure revolution with Intellipaat's Microsoft Certified Azure Administrator Associate training course. Aligned with the 2020 edition of Exam AZ-104 Microsoft Azure Administrator, this course is best suited for professionals wishing to be successful as an Azure Administrator.

Topics:

1. Introduction to Microsoft Azure
2. Introduction to ARM & Azure Storage
3. Introduction to Azure storage
4. Azure Virtual Machines
5. Azure App and Container services

6. Azure Networking - I
7. Azure Networking - II
8. Authentication and Authorization in Azure using RBAC
9. Microsoft Azure Active Directory
10. Azure Monitoring

Azure Solutions 204

Learning Objective

Intellipaate offers an industry-designed Microsoft Azure (AZ-204) training course that is in line with clearing the Microsoft certification. As part of the training, you will be writing applications for Azure IaaS, PaaS and storage, implementing Azure security, and monitoring, troubleshooting, and optimizing Azure solutions through hands-on projects and case studies. Further, you will also receive official course material issued by Microsoft for “Developing Microsoft Azure and Web Services”.

Topics:

- Managing Azure subscription and resources
- Implementing and managing storage
- Deploying and managing Virtual Machines
- Configuring and managing Virtual Networks
- Developing Azure IaaS Solutions
- Developing Azure PaaS Solutions
- Developing for Azure Storage
- Implementing Azure security
- Monitor, troubleshoot and optimize Azure solutions
- Connecting and consuming Azure and third-party services

Azure Solutions 304

Learning Objective

Intellipaate offers a definitive training in Microsoft Azure (AZ-303 & 304) certification. As part of the training, you will be learning about architecting Microsoft Azure Solutions, working on real-world hands-on projects in building scalable Azure infrastructure, designing web apps, and deploying Azure storage solutions and data access methodologies. Further, you will also receive the official course material issued by Microsoft for 'Developing Microsoft Azure Solutions'.

Topics:

- Introduction to Microsoft Azure
- Introduction to ARM & Azure Storage
- Introduction to Azure storage
- Azure Virtual Machines
- Azure App and Container Services
- Azure Networking
- Azure Networking - II
- Authentication and Authorization in Azure using RBAC
- Microsoft Azure Active Directory
- Azure Monitoring
- Multi Factor Authentication (MFA)
- Multi Factor Authentication (MFA)
- Azure Data Platform - I
- Azure Data Platform - II

Azure Devops

Learning Objective

Created by industry experts, this comprehensive Training course is curated to help learners develop proficient skills in Azure and DevOps, and subsequently leverage their skills to implement DevOps in Azure. The training will make you an expert in various on-demand aspects of both DevOps and Azure. Also, several case studies and hands-on projects have been included in the training to ensure that each learner would be able to ponder all that is required to master the precepts of both DevOps and Azure.

Topics:

- Managing Azure Subscription and Resources
- Implementing and Managing Storage
- Deploying and Managing Virtual Machines
- Configuring and Managing Virtual Networks
- Managing Identities
- Infrastructure Setup
- Introduction to DevOps
- Software Version Control
- Containerization with Docker
- Configuration Management with Puppet
- Configuration Management with Ansible
- Continuous Testing
- Continuous Integration using Jenkins
- Continuous Orchestration using Kubernetes
- Continuous Monitoring using Nagios
- Azure with DevOps
- Deploying Infrastructure with Terraform
- Terraform Modules & Workspaces

Azure Data Factory

Learning Objective

Intellipaat Microsoft Azure DP-200 certification training gives learners the opportunity to get used to implementing Azure Data Solution. This training ensures that learners improve their skills on Microsoft Azure SQL Data Warehouse, Azure Data Lake Analytics, Azure Data Factory, and Azure Stream Analytics, and then perform data integration and copying using Hive and Spark, respectively. Also, real-world projects would be provided. Therefore, the learners will learn to design the Azure Data Solutions, Data Processing, and Data Security.

Topics:

- Non-Relational Data Stores and Azure Data Lake Storage
- Data Lake and Azure Cosmos DB
- Relational Data Stores
- Why Azure SQL?
- Azure Batch
- Azure Data Factory
- Azure Data Bricks
- Azure Stream Analytics
- Monitoring & Security

Self-paced Courses



Linux

Our Linux training course lets you master the Linux OS. This in-depth training course gives you all skills needed for working as a Linux Administrator. You will learn about the Red Hat system, its installation, managing boot processes, performing various operations, understanding Linux Kernel, testing and debugging, etc.

Cloud Computing



Intellipaat's Cloud Computing essentials online training helps you learn the cloud fundamentals, cloud service life cycle, cloud solutions architecture, service transition and transformation, consumer perspective on setting up a cloud ecosystem, in-depth SaaS, IaaS, and PaaS and more through hands-on projects and exercises.

Project Work

Azure Solutions 104

- Project 1:
- Project 2: building a dashboard to monitor your company's website which is running on a web app.
- Case Study 01: Introduction to Cloud computing
- Case Study 02: Microsoft Azure Storage
- Case Study 03: Azure Virtual Machines
- Case Study 04: Microsoft Azure networking
- Case Study 05: Load balancing and Network watcher
- Case Study 06: Access management in Azure

Azure Solutions 204

- Deploying an Industry-scale application in Azure App Services using the custom containers.

Azure Solutions 304

- Handling Data migration based on provided architectural requirements
- Implementing a New Architecture to the Company's Website
- Building a dashboard to monitor your website
- Case Study 1 - Introduction to Cloud Computing
- Case Study 2 - Microsoft Azure Storage
- Case Study 3 - Azure Virtual Machines
- Microsoft Azure Networking
- Case Study 5 - Load Balancing and Network Watcher

- Case Study 6 - Access Management in Azure

Azure DevOps

- Handling infrastructure solutions for Azure Cloud
- Monitoring Azure Cloud For a BPO
- Containerizing Various Frameworks and NGINX Application Using Docker

Azure Data Factory

- Create Azure Data Factory to Find the Most Popular YouTube Channel
- Working with Azure Data Factory, Data Lake, and Azure SQL
- Identify the Videos That Get Maximum Traffic in Selected YouTube Channels
- Case Study 1 - Non-Relational Data Stores
- Case Study 2 - Non-Relational Data Stores
- Case Study 3 - Relational Data Stores
- Case Study 4 - Azure Batch and Azure Data Factory
- Case Study 5 - Azure Data Bricks and Azure Stream Analytics
- Case Study 6 - Monitoring & Security

Certification

After the completion of the course, you will get certificates from IBM, Microsoft, and Intellipaat.





CERTIFICATE OF COMPLETION

This Certificate Is Presented To

Your Name

Who has successfully completed all the requirements stipulated by IntelliPaat for

Course Name

to achieve professional excellence

Issue Date: January 2, 2020


Mrs. Shilpi Jain
Director,
IntelliPaat Software Solutions Pvt Ltd.

VERIFIED
CERTIFICATE

Certificate ID 31679-119525-18232

IntelliPaat Success Stories



Deepa Joshi

The entire IntelliPaat Azure master's program had projects that were hands-on and completely designed by the industry. Thus, this gave me a real-world experience of working on Azure.



Monica Ramteke

The trainer who taught us the Azure master's program was well qualified, and hence I was able to learn this technology within the stipulated time. Thanks to Intellipaate.

Jai

Jai Singh

I liked the way Intellipaate has bundled the Azure individual courses to create a master's program that meets the requirements of the industry. A great way to learn Azure!

CONTACT US

INTELLIPAAT SOFTWARE SOLUTIONS PVT. LTD.

Bangalore

AMR Tech Park 3, Ground Floor, Tower B,
Hongasandra Village, Bommanahalli,
Hosur Road, Bangalore – 560068

USA

1219 E. Hillsdale Blvd. Suite 205,
Foster City, CA 94404

If you have any further queries or just want to have a conversation with us, then do call us.

IND: +91-7022374614 | US: 1-800-216-8930