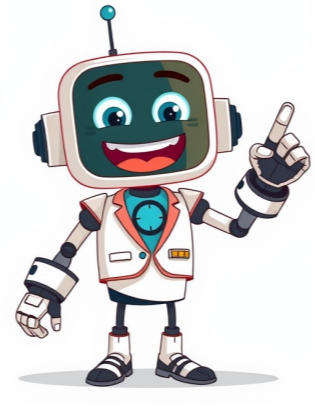


I'm not a bot



Do you ever think that what makes Dropbox, Facebook, WordPress, and other renowned platforms so powerful that despite millions of active users, they serve each and every user so feasibly and efficiently every day...? Meanwhile, one of the key technology behind this is Cloud Computing!! Undeniably, Cloud Computing has become an integral part of the organizations in a very short span of time and due to this, the demand for Cloud Professionals is also increasing exponentially in the tech world. And with the same concern, one of the leading cloud platforms - Amazon Web Services (AWS) provides you the prominent AWS Certifications to help you for excelling in Cloud Computing skills and get some worthwhile career opportunities in the Cloud domain!! Now, the question arises - What is AWS Certification? In general, AWS Certification is concerned with the certification program provided by the Amazon Web Services that help you to validate your expertise in the cloud domain after passing the particular examination. There are various modules that come under AWS Certifications and you can choose the relevant one based on your preferences and requirements. Furthermore, AWS Certifications are the most-demanded and preferable aspects by almost every IT giants such as Amazon, IBM, Uber, etc. while looking out for the cloud professionals. Several other remarkable benefits of AWS Certifications are provided below: It helps you to showcase your Cloud Expertise across the world through digital badges, certificates, etc. An AWS Certified individual gets worthwhile career opportunities with better paychecks in comparison to others. Also, you get a chance to connect with other brilliant minds through AWS Certified community. It comes up with several other rewarding programs such as the Subject-Matter Expert (SME) Program, AWS Partner Network (APN), etc. So, as of now, you've known about AWS Certifications and it's benefits, now let's move further and take a look at the structure of AWS Certifications. AWS Certifications are generally categorized with respect to several role-based learning paths such as Cloud Practitioner, Architect, Developer, and Operations. Furthermore, these certifications fall under 4 Levels - Foundational, Associate, Professional, and Specialty based on the expertise level. Now, let's discuss all these AWS Certification Exams in detail.

Foundational Level

The first-level that comes in the AWS Certification path is - Foundational Level. This level is basically concerned with the basics of the AWS cloud and is recommended for beginners. At this level, there comes only 1 Certification - AWS Certified Cloud Practitioner. 1. AWS Certified Cloud Practitioner It is an entry-level AWS Certification that comes under the Foundational level. It is specifically designed for the individuals who are having a basic understanding of the AWS Cloud platform and you're strongly recommended to have at least 6 months of industrial experience in the AWS Cloud domain before opting for this exam. Moreover, this foundational level exam covers the following aspects of AWS Cloud - basic global infrastructure, architectural principles, value proposition, basic security and compliance aspects, pricing models, and several others. Level: Foundational Exam Format: Multiple Choice Questions (MCQs) Exam Duration: 90 Minutes Cost: 100 USD (Practice Exam: 20 USD) For those who are just starting out and want to build a solid foundation in AWS Cloud concepts, the AWS Cloud Practitioner Certification Course is an excellent way to prepare for the foundational level certification. This course covers all the essential topics, such as AWS Cloud fundamentals, global infrastructure, and architectural principles, making it easier to clear the AWS Certified Cloud Practitioner exam.

Associate Level

The next level in the AWS Certification path is Associate Level. The associate level requires you some in-depth and broad knowledge of a specific domain and the difficulty level of the exams is also higher in comparison to Foundational Level. In Associate Level, there come 3 Certifications - AWS Certified Solutions Architect, AWS Certified SysOps Administrator, and AWS Certified Developer based on different job-roles. 1. AWS Certified Solutions Architect This certification is designed for the individuals who are having an experience of at least 1 year in designing distributed applications and implementation of solutions in AWS Cloud. You'll be required to showcase your skills in designing, managing, and deployment of applications on the AWS platform to earn this certification. The AWS Certified Solutions Architect certification exam covers the following aspects - knowledge of architecture and deployment of applications on AWS, solution giving abilities using architectural design principles, implementation guidance throughout the entire project life cycle, etc. Level: Associate Exam Format: Multiple Choice Questions (MCQs) Exam Duration: 130 Minutes Cost: 150 USD (Practice exam: 20 USD) If you are preparing for the AWS Certified Solutions Architect (Associate) exam, the AWS Solutions Architect Associate Course is tailored for you. This course covers all the critical areas, including architectural design principles, cloud application deployment, and more, ensuring that you are well-prepared to pass the certification exam. 2. AWS Certified Developer The AWS Certified Developer (Associate) certification is designed for those who are having at least 1 year of development experience and proficient with the development & maintenance of applications on the AWS platform. To earn this certification, you're required to have a sound knowledge of programming language along with an in-depth understanding of core AWS services and basic AWS architecture best practices. Furthermore, you also need to know about the development, deployment, and debugging processes of cloud-based applications along with various other related concepts. Level: Associate Exam Format: Multiple Choice Questions (MCQs) Exam Duration: 130 Minutes Cost: 150 USD (Practice exam: 20 USD) 3. AWS Certified SysOps Administrator The AWS Certified SysOps Administrator (Associate) is designed for the systems administrators professionals with at least one year of industry experience in deployment and operations on AWS. The AWS Certified SysOps Administrator certification exam covers the following aspects - deployment & management of applications on the AWS platform, data transfer between data centers and AWS, picking out the relevant AWS services for the organization as per the requirements, estimation of AWS cost-usage & identification of operational cost control mechanisms, etc. Level: Associate Exam Format: Multiple Choice Questions (MCQs) Exam Duration: 130 Minutes Cost: 150 USD (Practice exam: 20 USD) Professional Level After Foundation & Associate Level, here comes the Professional Level which demands the expert level of knowledge for the selected role-based certification. The certifications that fall under the Foundational & Associate level can be considered as the prerequisite for this Professional Level. In this level, there come 2 Certifications - AWS Certified DevOps Engineer & AWS Certified Solutions Architect. 1. AWS Certified Solutions Architect The AWS Certified Solutions Architect (Professional) certification is designed for those individuals who are possessing an experience of at least 2 years as a Solutions Architect in the cloud industry. Meanwhile, you're recommended to hold AWS Certified Solutions Architect (Associate) before opting for the respective professional level exam. Moreover, this professional-level certification concerns with your skill & abilities in various areas such as evaluation of cloud application requirements, design & deployment of cloud architecture on AWS, cost-control strategies implementation, etc. Level: Professional Recommended Prerequisite Exam: AWS Certified Solutions Architect (Associate) Exam Format: Multiple Choice Questions (MCQs) Exam Duration: 180 Minutes Cost: 300 USD (Practice Exam: 40 USD) 2. AWS Certified DevOps Engineer Here comes another professional-level certification - AWS Certified DevOps Engineer (Professional) which is designed for the individuals who are having industry experience of two or more years in provisioning and managing AWS architectures. You're recommended to hold AWS Certified Developer - Associate or AWS Certified SysOps Administrator - Associate before appearing for this certification exam. Also, the AWS Certified DevOps Engineer certifications majorly concern with Continuous Delivery (CD) methodologies, AWS automation processes, monitoring & log systems on AWS, etc. Level: Professional Recommended Prerequisite Exam: AWS Certified Developer (Associate), AWS Certified SysOps Administrator (Associate) Exam Format: Multiple Choice Questions (MCQs) Exam Duration: 180 Minutes Cost: 300 USD (Practice Exam: 40 USD) Specialty You can also opt from 6 specialty certifications provided by AWS. However, you're required to have a deep knowledge of the chosen domain as the exam level of the specialty certifications is quite higher. These 6 specialty domains are listed below: 1. AWS Certified Data Analytics - Specialty The AWS Certified Data Analytics - Specialty certification validates your expertise in Data Analytics and the ability to design & model Big Data solutions using AWS services. You're recommended to have an experience of at least 5 years with data analytics technologies along with 2 years of hands-on experience on the AWS platform before appearing for this certification exam. Exam Duration: 180 Minutes Cost: 300 USD (Practice exam: 40 USD) 2. AWS Certified Alexa Skill Builder - Specialty The AWS Certified Alexa Skill Builder - Specialty certification helps you to validate your skills in building, testing & publishing of Amazon Alexa skills. To earn this certification, you're recommended to possess at least 6 months of industry experience in building Alexa skills using Alexa Skills Kit and also have a sound knowledge of programming languages. Exam Duration: 170 Minutes Cost: 300 USD (Practice exam: 40 USD) 3. AWS Certified Security - Specialty The AWS Certified Security - Specialty certification validates your expertise in the security domain in AWS. You're recommended to possess building Alexa skills using Alexa Skills Kit and also have a sound knowledge of programming languages. Exam Duration: 170 Minutes Cost: 300 USD (Practice exam: 40 USD) 4. AWS Certified Machine Learning - Specialty The AWS Certified Machine Learning - Specialty certification validates your expertise in the development, implementation, and maintenance of Machine Learning solutions using AWS Cloud. To earn this certification, you're recommended to have one or two years of experience in the development and architecture of Machine Learning or Deep Learning workloads on the AWS Cloud. Exam Duration: 180 Minutes Cost: 300 USD (Practice exam: 40 USD) 5. AWS Certified Advanced Networking - Specialty The AWS Certified Advanced Networking - Specialty certification validates your expertise in handling complex networking tasks on AWS. You're recommended to hold AWS Certified Cloud Practitioner certification or any other Associate-Level certifications such as Architect, Operations, Developer, etc. before opting for this certification. You're also recommended to have at least 5 years of experience with architecture & implementation of network solutions. Exam Duration: 170 Minutes Cost: 300 USD 6. AWS Certified Database - Specialty The AWS Certified Database - Specialty certification validates your expertise in designing and maintenance of AWS database solution as per the requirements. You're recommended to have at least 5 years of industrial experience with database technologies along with a minimum of 2 years of experience on AWS. You also need to have some hands-on experience with AWS Cloud-based relational and non-relational databases. Exam Duration: 180 Minutes Cost: 300 USD (Practice exam: 40 USD) So, this is the complete role-based learning path for AWS Certification from which you can opt for the relevant certification exam based on your requirements and goals. Furthermore, AWS also offers you the various worthwhile resources to prepare for these certifications such as training programs, user guides, etc. Now, what are you waiting for? Prepare for the rewarding AWS Certification exams and advance your Cloud Career to get some ravishing career opportunities!! AWS certifications are credentials you earn that display your expertise in managing a particular facet of Amazon Web Services (AWS) systems. AWS is a cloud computing platform provided by Amazon for hosting servers, storage, networking, migration, computing, email, mobile applications and development, and security. A wide range of companies use this system, which creates job opportunities for people who know how to build, operate, and manage them. Certification in AWS shows you have the technical skills and knowledge to manage, develop, and maintain AWS systems. AWS is at the top of the cloud market and is a valuable tool for anyone in the tech industry. Discover how AWS training and certification can provide benefits such as career growth and a higher salary while also exploring the different aspects of the AWS certification path. Is AWS certification worth it? AWS certification establishes you as a credible, knowledgeable, competent specialist in AWS systems. Getting certified in AWS increases your eligibility for specialized cloud computing positions and can help you further your cloud expertise. IT professionals often pursue Amazon cloud certifications to validate their skills and objectively measure their familiarity with cloud systems. Benefits of AWS certification AWS certification offers several benefits, whether you are entering or progressing through your cloud computing career. More and more information and data are being uploaded to the cloud every year, and AWS currently possesses 31 percent of the cloud computing market [1]. AWS certifications require a lot of work, study, and practice. When you complete a certification in AWS, you show that you've dedicated considerable effort and time to learning how cloud computing systems operate. Certain tiers of learning will earn you digital badges and allow exclusive access to AWS events and circles. A further benefit of AWS certification is that it often leads to improved salaries. AWS certifications increased the salaries of survey respondents by an average of 20 percent, according to a survey by Jefferson Frank [2]. Many companies are shifting to cloud computing and cloud-based systems. As a result, experts in cloud computing are in greater demand. According to Amazon, a significant number of companies anticipate the need to hire employees with cloud skills. Learning AWS and pursuing certification can open doors in a growing industry that seeks out professionals who have earned this credential. Types of AWS certifications Several different AWS certifications exist, spanning a broad range of experience levels. You can choose from Foundational, Associate, Professional, or Specialty levels. Before earning one of these certifications, research them and identify the ones that best align with your personal and professional goals. What are AWS certifications? The following list includes a few of your options: Foundational: AWS Certified Cloud Practitioner Associate: AWS Certified Solutions Architect - Associate, AWS Certified Developer - Associate, AWS SysOps Administrator - Associate Professional: AWS Solutions Architect - Professional, AWS Certified DevOps Engineer - Professional Specialty: AWS Certified Advanced Networking - Specialty, AWS Certified Security - Specialty, AWS Certified Machine Learning - Specialty Which AWS certification should I get? Choosing an AWS certification depends on your skills, interests, and prior experience. You can find an application for AWS in nearly every field, but some levels of AWS certifications and specific qualifications are better for certain jobs. You can even find certifications for architects, developers, and engineers, among other cloud computing professionals. You can pick the proper AWS certification based on your goals, strengths, and interests, and you can pursue more than one or multiple levels, showing your expertise in several areas. Possible AWS careers More advanced and high-level certifications often result in executive positions with higher salaries. Fundamental certifications tend to cover basic concepts and are designed for entry-level roles requiring less technical expertise. The list below outlines relevant job titles and their respective average salaries: AWS-certified cloud practitioner (US): \$130,802 per year [3] AWS-certified cloud architect (US): \$147,236 per year [4] AWS-certified developer (US): \$112,422 per year [5] AWS-certified DevOps engineer (US): \$125,908 per year [6] AWS-certified SysOps administrator (US): \$112,422 per year [7] The cost of taking an AWS certification exam ranges from \$100 to \$300, depending on the exam type [8]. When you get recertified, a requirement every three years, you may be eligible for a 50 percent discount, which you can find in your AWS certification account, or complete the AWS Cloud Quest. Recertify Cloud Practitioner game-based training and recertify for free [9]. How to get AWS certified A typical pathway to AWS certification is first enrolling in an AWS training course and studying for the certification exam. In preparation, consider reading AWS white papers or exam guides because they contain valuable information about the exam. These exams require dedication and practice. Practice exams and online courses may ease your worries about taking the actual exam. Once you feel that you're ready, it's time to schedule the exam. Prerequisites The foundational certification exam suggests you have basic knowledge of IT services and how to use them in the AWS platform, as well as a minimum of six months' work experience with AWS cloud systems in a sales, managerial, purchasing, technical, or financial capacity. For senior-level certifications, AWS recommends that you first pass other exams, acquire work experience, or gain additional knowledge. For some exams, you may need to demonstrate proficiency in a high-level programming language and the ability to create functioning applications that involve AWS components. Although you're not expected to be a subject matter expert, many AWS certification exams require proficiency in understanding, managing, and planning cloud systems. Take a look at some skills and knowledge that you may need before working on a certification: Data management Programming Amazon services like SDK, IAM, and Amazon's API gateway for applications Networking Statistics How can I prepare for the exam? You can access many resources to prepare for an AWS certification exam, including books, online courses, boot camps, videos, practice exams, and AWS white papers. Whichever route you choose to take, look for resources online, both free and paid. In addition to reading available materials, take advantage of practice tests. They show you what types of questions you can expect to see on test day, and they also typically include explanations of answers that help you understand why the correct answers are correct. Do Amazon Web Services certifications expire? Your AWS certification is valid for three years. Before the three-year period is over, you must recertify to keep your certification active. If you are looking to maintain multiple certifications, you may be able to get a voucher from your AWS account to cover part of the fee to retake your exams. AWS encourages you to continue learning and taking courses offered by AWS during the three years of your certification so that you are continually growing and learning about the systems. Prepare for your AWS certification path with Coursera Earning an AWS certification proves you have the technical skills and knowledge necessary to manage, develop, and maintain AWS systems. If you're ready to begin your cloud computing career, consider enrolling in AWS Cloud Practitioner Essentials on Coursera. This program covers topics like cloud operations on AWS, cloud computing, cloud networking, and more. Learners will have the opportunity to gain real-world experience and perform tasks that are common in a cloud computing role. Upon completion, earn a credential to include in your resume, CV, or LinkedIn profile. Skip to main content Learn AWS Cloud fundamentals and core concepts. No prior experience needed. Validate core AWS skills. Prior cloud or IT experience recommended. Master advanced AWS architecture and solutions. 2+ years AWS experience required. Demonstrate expertise in specific AWS technologies and services. of organizations with AWS Certified staff say having that staff increases innovation with AWS services. of IT leaders that employ AWS Certified staff say productivity improved, and 89% report faster troubleshooting. As of January 2025, there are more than 1.42 million active AWS Certifications and 1.05 million unique AWS Certified individuals. Let us know so we can improve the quality of the content on our pages