Amazon Web Services
TRAINING AND CERTIFICATIONS
www.globalknowledge.be/aws
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Amazon Web Services (AWS) is known as a safe cloud services platform that guarantees the provision of computing power, network functionality, database storage, and content in order to help businesses scale and grow. Millions of customers around the world make use of AWS cloud products and solutions.

You can attend a training course at Global Knowledge in the Benelux. Global Knowledge is the only education provider authorized by Amazon Web Services to offer courses for AWS services and solutions.

Global Knowledge provides many kinds of hands-on AWS training courses, focused on the most important positions (Solution Architect, Developer, and Administrator) necessary for providing cloud-based solutions. Global Knowledge offers you every course needed to start using AWS, but also for those who already have some experience with the product.
Whether you’re using applications that share documents to various users on multiple devices or storing important business information, the “cloud” makes it possible to gain instant access to flexible and low cost IT resources.

With cloud computing, your investments in tangible hardware and the management of this hardware will decrease. You will be able to effectively determine the type and size of the computing resources required, in order to successfully operate your department on a maximum level. Access as many resources as you need, at any time, and you only pay for what you use.

Cloud computing provides a simple way to access servers, storage, databases and a broad set of application services over the internet. Cloud computing providers such as Amazon Web Services own and maintain the network-connected hardware required for these application services, while you provision and use what you need via a web application.
SIX ADVANTAGES OF CLOUD COMPUTING

TRADE CAPITAL EXPENSE FOR VARIABLE EXPENSE
Rather than having to invest massively in data centers and servers prior to understanding how you’re going to use them and the cost implications. With a cloud solution you only pay when you use computing resources, and only pay for how much you use.

BENEFIT FROM MASSIVE ECONOMIES OF SCALE
The use of cloud computing, makes it possible to achieve a lower variable cost than you can get on your own. Combining hundreds of thousands of customers in the cloud means providers such as Amazon Web Services can achieve higher economies of scale which translates into lower pay as you go prices.

DETERMINE YOUR CAPACITY
No more guessing on your infrastructure capacity needs. When you make a capacity decision prior to deploying an application, you often either end up sitting on expensive idle resources or dealing with limited capacity. With cloud computing, these problems are a distant memory. You can access as much or as little as you need, and scale up and down as required with only a few minutes notice, giving you a truly flexible solution.

BOOST SPEED AND AGILITY
New IT resources are always just one click away in a cloud computing environment, which means you reduce the time it takes to make those resources available to your developers from weeks to mere minutes. This results in a substantial increase in agility for the organization, significantly lowering the cost and time it takes to experiment and develop.

NO MORE RUNNING AND MAINTAINING DATA CENTERS
Focus on your business and not the infrastructure. Cloud computing allows you to focus on your customers, rather than on the heavy lifting of racking, stacking and powering servers.

WORLDWIDE IN MINUTES
Cloud computing makes it possible to easily deploy your application in multiple regions around the world with just a few clicks. This means you can easily provide a lower latency and better experience for your customers at minimal cost.
We help individuals delivering cloud-based solutions gain proficiency with AWS services and solutions. AWS training is for anyone who wants to gain a deeper level of understanding of Amazon Web Services. Whether you’re new to AWS or have experience working with AWS, we have a course for you.

**AWS CERTIFICATIONS**

**Architecting**

* / **Architecting on AWS (GK4502) - 3 days
  * ASSOCIATE

**Advanced Architecting on AWS (GK1980) - 3 days
  ** PROFESSIONAL

**Developing on AWS (GK4504) - 3 days
  * ASSOCIATE

**DevOps Engineering on AWS (GK1979) - 3 days
  ** PROFESSIONAL

**Systems Operations on AWS (GK4503) - 3 days
  * ASSOCIATE

**DevOps Engineering on AWS (GK1979) - 3 days
  ** PROFESSIONAL

* We advise you to take our “AWS Technical Essentials” (GK4501) course in order to be best positioned for your AWS certification.

** In order to enhance your chances of success we advise you to also take the following workshops when preparing for your AWS Certified Solutions Architect - Associate and/or Professional exam:
  - “AWS Certification Exam Readiness Workshop: AWS Certified Solutions Architect – Associate” (GK2375)
  - “AWS Certification Exam Readiness Workshop: AWS Certified Solutions Architect - Professional” (GK4181)
The training course AWS Business Essentials helps IT business decision makers understand the benefits of cloud computing and how a cloud strategy can help you meet your business objectives. In this course we discuss the advantages of cloud computing for your business and the fundamentals of AWS, including financial benefits. This course enables you to successfully adopt cloud frameworks and simplifies the decision making process concerning the AWS platform.

The AWS Technical Essentials Instructor-Led training course introduces AWS products, services, and common solutions with videos, demos, and hands-on lab activities. It provides students with the basic fundamentals to become more proficient in AWS and empowers them to make informed decisions about IT solutions based on business requirements.

The training course Architecting on AWS covers the fundamentals of AWS. It is designed to teach Solution Architects how to optimize the use of the AWS cloud by understanding AWS services and how these services fit into a cloud solution. Your architectural solution may differ depending on industry and size of business. Because there is no one-size-fits-all design, this course highlights some AWS cloud design patterns to help you learn how a service may fit in the overall cloud design. It also covers the best practices and lessons learned.

Designed to complement Architecting on AWS (GK4502), this half-day workshop is intended for individuals who are preparing for the AWS Certified Solutions Architect - Associate exam. In this workshop, we review what to expect at the testing center and while taking the exam. We walk you through how the exam is structured, including question formats, content domains, and the breakdown of questions across those domains. We also teach you how to interpret the concepts being tested by a question so that you can better eliminate incorrect responses. During the workshop, you will have the chance to apply knowledge and test concepts through a series of practice exam questions. At the end of the workshop, you will also receive a voucher to take an additional online practice exam at no cost.

Building on concepts introduced in Architecting on AWS, Advanced Architecting on AWS is intended for individuals who are experienced with designing scalable and elastic applications on the AWS platform. Building on concepts introduced in Architecting on AWS, this course covers how to build complex solutions which incorporate data services, governance, and security on AWS. This course introduces specialized AWS services, including AWS Direct Connect and AWS Storage Gateway to support Hybrid architecture. It also covers designing best practices for building scalable, elastic, secure, and highly available applications on AWS.
The training course System Operations on AWS is designed to teach those in a Systems Administrator or Developer Operations (DevOps) role how to create automatable and repeatable deployments of networks and systems on the AWS platform. The course covers the specific AWS features and tools related to configuration and deployment, as well as common techniques used throughout the industry for configuring and deploying systems.

The training course DevOps Engineering on AWS demonstrates how to use the most common DevOps patterns to develop, deploy and maintain applications on AWS. The course covers the core principles of the DevOps methodology and examines a number of user cases applicable to startup, small-medium business, and enterprise development scenarios.

Data Warehousing on AWS introduces you to concepts, strategies, and best practices for designing a cloud-based data warehousing solution using Amazon Redshift.

Take this opportunity and book one of our competitively priced AWS training bundles!

Find more information on our bundles: [www.globalknowledge.be/aws-bundles](http://www.globalknowledge.be/aws-bundles)
Security Operations on AWS (GK3338)
3 days
Security Operations on AWS demonstrates how to efficiently use AWS security services to stay secure and compliant in the AWS cloud. The course focuses on the AWS-recommended security best practices that you can implement to enhance the security of your data and systems in the cloud. The course highlights the security features of AWS key services including compute, storage, networking, and database services. This course also refers to the common security control objectives and regulatory compliance standards and examines use cases for running regulated workloads on AWS across different verticals, globally. You will also learn how to leverage AWS services and tools for automation and continuous monitoring, taking your security operations to the next level.

Big Data on AWS (GK4509)
3 days
The training course Big Data on AWS introduces you to cloud-based big data solutions and Amazon Elastic MapReduce (EMR), the AWS big data platform. In this course, we show you how to use Amazon EMR to process data using the broad ecosystem of Hadoop tools like Pig and Hive. We also teach you how to create big data environments, work with Amazon DynamoDB, Amazon Redshift, and Amazon Kinesis, and leverage best practices to design big data environments for security and cost-effectiveness.

Migrating to AWS (GK4532)
2 days
The course Migrating to AWS focuses on planning and migrating existing workloads to the AWS Cloud. The course covers various cloud migration strategies with a detailed discussion on each phase of the migration process, including portfolio discovery, application migration planning and design, migration execution, and post-migration validation and application optimization.
Last week I spoke with a customer who was interested in cloud solutions offered by AWS. He told me that he had set up a free account on the AWS website in his evening hours, and had linked a small amount to it with his credit card. He started experimenting in the AWS cloud by turning various options on and off. Satisfied with his first steps in the AWS world, he logged out of his AWS account at the end of the evening.

Money Charged by AWS
The next morning, when he logged into his AWS account again, he noticed immediately that a small amount had been charged to his credit card. Without knowing it, he had clicked on an option that had cost him money during the night. Luckily the damage was minor, just a few cents, but for him this was an excellent warning that he should first get to know the options and features of AWS before he and his business start working with AWS professionally. This customer was sensible enough to get in touch with us for an Amazon Web Services introduction course.

The moral of the story is: this customer avoided making unnecessary costs in the cloud for his company by taking an AWS course before the damage was done. After discussing the options with the customer, he decided to take both the AWS introduction course “AWS Technical Essentials” as well as follow-up course “Architecting on AWS”.

— Dick Goettsch
### WHY CHOOSE GLOBAL KNOWLEDGE?

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<tr>
<th>Feature</th>
<th>Description</th>
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<tr>
<td><strong>Fill skills gaps or sharpen skills</strong></td>
<td>Hundreds of courses are at your fingertips for training on everything from data analysis, cyber security and cloud computing to leadership and project management.</td>
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<td><strong>Gain practical, hands-on experience</strong></td>
<td>Practice your skills and learn how to resolve real-world IT or business issues in our live lab environment.</td>
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<td><strong>Partnering for training strength</strong></td>
<td>Global Knowledge partners with the world's leading technology leaders, including Cisco, Citrix, Microsoft, IBM, Amazon Web Services and VMware to ensure that we’re not only delivering authorised training content, but adhere to their quality commitments. Added to that, we work together with leading testing providers, such as Pearson VUE and Exin, enabling us to test and verify the acquired knowledge of participants on our programmes.</td>
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<td><strong>Certainty of Quality</strong></td>
<td>Global Knowledge provides official authorized training courses and study programmes given by certified instructors. This ensures that courses are taught at a consistent level, and that you comply with the strict requirements set by vendors. If you’re planning to take an exam, you will be optimally prepared with the use of official courseware. Global Knowledge guarantees the highest level of positive results for a training course or study programme.</td>
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<td><strong>Flexible</strong></td>
<td>Choose from our convenient delivery formats to get the training you and your team need, where, when and how you want it. Whether it’s in a classroom or online, public or private, synchronous or asynchronous, Global Knowledge has a training method to match your needs and preferences. Our course delivery formats enable you to balance your schedule while gaining real-world, relevant skills in a stimulating environment.</td>
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<td><strong>No Unexpected Charges</strong></td>
<td>At Global Knowledge, the tuition fee is always clear. You know exactly what you will be paying from the start. All fees include course materials, as well as lunch and unlimited coffee, tea and water. Global Knowledge does not charge extra for courseware package, or use of the location.</td>
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<td><strong>Schedule your class without fear of cancellation</strong></td>
<td>Book your Business or IT training knowing your class will run with the largest schedule of guaranteed dates in the industry.</td>
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ADVICE

If you have questions regarding a training course you're interested in, please call our toll free number 0800 84 009 or send an e-mail to info@globalknowledge.be.

ABOUT GLOBAL KNOWLEDGE

Global Knowledge is the world’s leading provider of IT and business skills training, educating more than 200,000 corporate professionals across 22,000 physical and virtual classroom sessions each year. We have a long history of developing relationships with leading global technology vendors, and are the largest worldwide authorized training partner for premier vendors including Microsoft, Amazon Web Services, Cisco, Citrix, IBM and VMware.

GLOBAL KNOWLEDGE ALWAYS NEAR YOU

Global Knowledge offers classroom-based Amazon Web Services courses in Mechelen, Brussels and Ghent. In the Netherlands Global Knowledge is located in Nieuwegein, Amsterdam, Apeldoorn, Drachten, Eindhoven, Groningen, Maastricht, Rotterdam, Zoetermeer and Zwolle.

Global Knowledge also offers the possibility to attend training courses from your home or place of work. It is also possible to attend distance training at a Global Knowledge office in your area. You have the option to attend a classroom course either virtually or in person. It’s up to you!