

## AWS Training & Certification : Sessions Taster été 2020 ( Juillet-Septembre)

Topic	Description	Date	registration link AM (10h- 12h)	registration link PM (14h - 16h)
<b>Introduction to Cloud Services</b>	This 2-hr session describes the philosophy on using IT Services in the AWS Cloud. Covering the model, possibilities, and advantages, and of course a real demo. It is an introductory session where only a minimal knowledge of IT is required.	16/07/2020	<a href="https://attendee.gototraining.com/r/5592902697757666561">https://attendee.gototraining.com/r/5592902697757666561</a>	<a href="https://attendee.gototraining.com/r/1142007060753048321">https://attendee.gototraining.com/r/1142007060753048321</a>
<b>Amazon S3 for Beginners</b>	This session provides an introduction to Amazon S3. It is a Level 100 (Novice) session covering the basic features, configuration, and typical use cases for S3. It is intended for those new to AWS S3 Storage. No prior AWS knowledge is required.	21/07/2020	<a href="https://attendee.gototraining.com/r/5402172614710737154">https://attendee.gototraining.com/r/5402172614710737154</a>	<a href="https://attendee.gototraining.com/r/5422457504731633922">https://attendee.gototraining.com/r/5422457504731633922</a>
<b>Migration to AWS</b>	an overview of migration planning principles and best practices	23/07/2020	<a href="https://attendee.gototraining.com/r/187617773704077058">https://attendee.gototraining.com/r/187617773704077058</a>	<a href="https://attendee.gototraining.com/r/2577488760047328002">https://attendee.gototraining.com/r/2577488760047328002</a>
<b>Aurora Serverless: How to Build and Manage a Serverless Database</b>	In this session we will talk about Amazon Aurora Serverless, its unique features, common use cases and best practices. We will show also a demo that will test its scaling capabilities. The session is intended for who knows AWS foundational aspects and is familiar with database concepts.	04/08/2020	<a href="https://attendee.gototraining.com/r/1144897676822751746">https://attendee.gototraining.com/r/1144897676822751746</a>	<a href="https://attendee.gototraining.com/r/4364764702206659330">https://attendee.gototraining.com/r/4364764702206659330</a>
<b>Securing VPC Resources</b>	Security is the Number One priority for AWS and its customers. Public and private networks require multiple layers of defense to help protect from external and internal network-based threats. This session will explore the use of Amazon Virtual Private Cloud and its security features.	06/08/2020	<a href="https://attendee.gototraining.com/r/8596543064958389250">https://attendee.gototraining.com/r/8596543064958389250</a>	<a href="https://attendee.gototraining.com/r/1171134223284811010">https://attendee.gototraining.com/r/1171134223284811010</a>
<b>Introduction to Big Data</b>	This course introduces you to the concepts behind Big Data Analytics and the Big Data Pipeline. Designed as an introductory session to the subject, you will learn: 1) What is Big Data? 2) The Big Data Pipeline 3) Where Big Data analytics can help? 4) Key AWS products to support Big Data Analytics. It has been designed to personnel that wish to start developing their skills at the realm of Data Analytics.	11/08/2020	<a href="https://attendee.gototraining.com/r/2821507773646420994">https://attendee.gototraining.com/r/2821507773646420994</a>	<a href="https://attendee.gototraining.com/r/8782459486099197186">https://attendee.gototraining.com/r/8782459486099197186</a>
<b>Apache Spark on Amazon EMR</b>	Apache Spark on EMR discusses the architectural differences between an Hadoop cluster on-premises and Amazon EMR. This includes how to launch a cluster, the benefits of Transient Clusters, configuring and resizing. We then discuss the Spark architecture at a high level and demonstrate how to use Spark Scala to load and analyze data, and upload it to a RedShift Data Warehouse. This is a 200-level course which assumes a basic familiarity with the core AWS services including EC2, S3, DynamoDB and VPC, and a basic understanding of database design including relational databases.	13/08/2020	<a href="https://attendee.gototraining.com/r/4102515785819358466">https://attendee.gototraining.com/r/4102515785819358466</a>	<a href="https://attendee.gototraining.com/r/7294555271415889154">https://attendee.gototraining.com/r/7294555271415889154</a>
<b>Introduction to Deep Learning in AWS</b>	This course introduces the concept of Deep Learning as a theoretic concept as part of Machine Learning, and discusses what a deep learning architecture looks like. From the theory, the course introduces Amazon SageMaker and demonstrates how it can be used to create a Jupyter notebook to build a simple Deep Learning Perceptron.	01/09/2020	<a href="https://attendee.gototraining.com/r/3220550230180045058">https://attendee.gototraining.com/r/3220550230180045058</a>	<a href="https://attendee.gototraining.com/r/2555501826026740738">https://attendee.gototraining.com/r/2555501826026740738</a>
<b>Aurora Machine Learning: How to Integrate Aurora with Amazon SageMaker and Amazon Comprehend</b>	In this session we will talk about the Amazon Aurora's feature Aurora Machine Learning and about the integration with the two machine learning services Amazon SageMaker and Amazon Comprehend. After a quick overview about the three AWS services (Aurora, SageMaker and Comprehend), we will show two demos about (1) how to read data from a database and apply a SageMaker model and (2) how to detect the sentiment from user comments stored in a database and analyzed by comprehend. The session is intended for who knows AWS foundational aspects, Amazon Aurora and is familiar with basic machine learning concepts.	03/09/2020	<a href="https://attendee.gototraining.com/r/641060399776832514">https://attendee.gototraining.com/r/641060399776832514</a>	<a href="https://attendee.gototraining.com/r/3499814089007324418">https://attendee.gototraining.com/r/3499814089007324418</a>
<b>Aurora Serverless: How to Build and Manage a Serverless Database</b>	In this session we will talk about Amazon Aurora Serverless, its unique features, common use cases and best practices. We will show also a demo that will test its scaling capabilities. The session is intended for who knows AWS foundational aspects and is familiar with database concepts.	08/09/2020	<a href="https://attendee.gototraining.com/r/4113814367306544130">https://attendee.gototraining.com/r/4113814367306544130</a>	<a href="https://attendee.gototraining.com/r/4088046212798009858">https://attendee.gototraining.com/r/4088046212798009858</a>
<b>Using the AWS Cloud Development Kit (CDK)</b>	You already know that Infrastructure as Code is "the" way to reliably and repeatedly provision your infrastructure. However, CloudFormation and other third-party tools just use a templating language. What if you want to use a "real" programming language with classes, functions and inheritance? That's what the AWS Cloud Development Kit (CDK) is for. In this session, we will go through the steps of building our infrastructure with the AWS CDK.	09/09/2020	<a href="https://attendee.gototraining.com/r/707780232130971906">https://attendee.gototraining.com/r/707780232130971906</a>	<a href="https://attendee.gototraining.com/r/8194592400169384450">https://attendee.gototraining.com/r/8194592400169384450</a>
<b>Infrastructure Automation and Configuration Management</b>	All operations in the Cloud should be automated, and fortunately this can be done using many different possibilities (CLI, Scripting Languages, SDK, CDK, CloudFormation, CDK). In this 2-hr session, using the mouse is not an option... We'll describe these possibilities, and how they fit together, showing an example of each one, so you can decide later which one is more convenient for you.	10/09/2020	<a href="https://attendee.gototraining.com/r/7125476771343178242">https://attendee.gototraining.com/r/7125476771343178242</a>	<a href="https://attendee.gototraining.com/r/2364142822328988674">https://attendee.gototraining.com/r/2364142822328988674</a>
<b>Getting Started with Cost Optimisation on AWS</b>	In this session, we'll cover the AWS tools and processes that you can use to discover, organise and optimise your costs on AWS. We'll cover cost explorer, tagging, reserved instances, savings plans, spot instances, trusted advisor and the AWS Compute Optimiser	15/09/2020	<a href="https://attendee.gototraining.com/r/1018103095419630594">https://attendee.gototraining.com/r/1018103095419630594</a>	<a href="https://attendee.gototraining.com/r/6497581964604131074">https://attendee.gototraining.com/r/6497581964604131074</a>

NB: Chaque jour, les sessions du matin et de l'après-midi sont identiques. Veuillez ne pas vous inscrire aux deux!