



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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# DevOps on IBM i: Learn Ansible

<b>CODE:</b>	<b>DURÉE:</b>	<b>PRIX H.T.:</b>
AS45G	16 Hours (2 Jours)	€1,440.00

## Description

This course will get you the skills you need to run and manage an IBM i related cloud and DevOps environment. You will be introduced to the world of DevOps, Ansible, IBM PowerVC, Terraform, IBM Cloud Automation Manager and CI/CD concepts as they relate to IBM i. Learning these concepts will be easy with hands-on access to our lab environment. Completion of this course will get you an IBM badge!

## Objectifs

- Summarize DevOps concepts as it applies to IBM i
- Summarize Ansible planning and implementation concepts
- Demonstrate an understanding of automation with Ansible Playbooks for IBM i
- Integrate IBM PowerVC with Ansible in an IBM i environment
- Summarize CI/CD concepts using Ansible on IBM i
- Learn about using IBM Power Virtual Server (IBM PowerVS) with IBM i
- Learn about Terraform with IBM i
- Learn about IBM Cloud Automation Manager for a few hybrid cloud scenarios

## Audience

- Enrollment in this course is not restricted.

## Programme

Day 1:

- Course Administration and Introduction (00:30)
- Unit 1: DevOps and Cloud Overview (01:30)
- Unit 2: Ansible Overview and Administration (01:30)
- Unit 3: Ansible Configuration and Playbooks (00:30)
- Exercise 1: Verification of Prerequisites (01:00)
- Exercise 2: IBM i Ansible Managed Node Setup (01:00)
- Exercise 3: Ansible Controller on IBM i (01:00)

Day 2:

- Unit 4: Automate IBM PowerVC using Ansible on IBM i (01:00)
- Unit 5: IBM PowerVS Concepts on IBM i (01:00)
- Unit 6: IBM PowerVC integration with Terraform on IBM i (01:00)
- Unit 7: Manage IBM i in a Hybrid Cloud Environment with IBM Cloud Automation Manager (CAM) (00:45)
- Exercise 4: Run Ansible Playbooks from IBM i (01:00)
- Exercise 5: Automating IBM i with Ansible and IBM PowerVC (01:00)
- Exercise 6: IBM i Use Cases with Ansible (01:00)

## Dates de session

Sur demande. [Merci de nous contacter](#)

## **Informations Complémentaires**

Cette formation est également disponible sous forme de formation sur site. Veuillez nous contacter pour en savoir plus.