ARROW

Arrow ECS Finland Oy - Education Services

TRAINING OFFERING

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Red Hat   Automation with Ansible – Basic

CODE: **LENGTH:**   **PRICE:**

REH_RHWS   16 Hours (2 days)   €1,100.00

Description

Learn why automating your infrastructure and process is a benefit for the company. Learn how to deliver stable functionality, reduce repetitive work and enable swift recovery through declarative automation of operations.
#InfrastructureAsCode #DevOps #PetsAndCattle

Objectives

Hands-on labs with practical and real-life examples In 7 labs the course will walk you through Install and configure
In the first lab you will learn how to install ansible on a linux host, use the ansible command to do small adhoc tasks, connect to other linux hosts using keyless ssh and Windows host using WinRM.
 Making changes to ansible configuration and creating an inventory and install Ansible collections to extend the functionality.
Ansible Playbooks
Installing and using tools as VS-Code, Git and GitHub to make playbooks, adding source control and linting of the YAML code.
Securing secrets and password with ansible-vault Work with playbooks
This lab will go through more of the advanced functionality in ansible making the playbooks a lot more dynamic

- Variables

- Lists

- Register

- Conditions

- Handlers

- Facts

- Debug

- Loops

- Loops Async
  Roles
Roles is a perfect way of creating reusable playbooks for the business, in this lab you will learn how to install and use roles from Ansible Galaxy and how to create your own
 Ansible Cloud
Ansible can manage and operate in the cloud, in this lab you will learn how to connect ansible to Microsoft Azure, deploying networks and virtual machines, use dynamic inventories with playbooks to manage your environment in an effective way
 Ansible VMware Just as in the cloud, ansible can manage both the VMware environment and the behavior of the virtual machines.
In the lab you will learn how to manage storage, network and virtual machines and with the help of a dynamic inventory manage the virtual machine
 Ansible AWX/Tower
This lab will take you through the Ansible Tower/AWX UI to create Projects, Inventories, Credentials, Templates and create a Workflow to run a cloud deployment

Prerequisites

Knowledge about general IT administration in Windows Server, Linux, Virtualization, Network and Cloud

Software used in the course can run on Windows, Linux or Mac OSX – we encourage you to use your own laptop.
Software used in the course

- Microsoft VS-Code

- Git

- SSH Client

- Browser

- Citrix Workspace Client

Session Dates

Aikataulutamme kiinnostuksen mukaan. Ota yhteyttä

Additional Information

This training is also available as onsite training. Please contact us to find out more.