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**Ansible Introduction**

**OVERVIEW**

This course is a one-day introduction to the Ansible Automation Platform. It is designed for any roles that may require automation tools, including DevOps engineers, SRE, SysAdmins, developers etc. The course will introduce the Ansible platform, Ansible inventory, playbooks, modules, roles and collections. Alongside teaching sessions there will be hands-on labs to get familiar with the technology.

A basic grasp of the Linux command line would be beneficial but no essential.

**WHO SHOULD ATTEND?**

Any roles that may require automation tools, including DevOps engineers, SRE, SysAdmins, developers etc.

**DURATION**

Classroom hours: 6 hours

**COURSE OUTLINE**

1. **Ansible, Automation and Configuration Management**

* Automation and Configuration Management
* Automation Solutions
* Ansible Automation Platform

1. **Getting Started with Ansible**

* Ansible Installation
* Ansible Command Line Tools
* Ansible First Steps
* Ansible Inventory

1. **Ansible Playbooks**

* Playbooks syntax
* Writing Playbooks
* Playbook Execution
* Privilege Escalation

1. **Handlers, Variables, Roles and Code Reuse**

* Creating re-useable code
* Variables and Handlers
* Re-using files as roles
* Re-using tasks as handlers