

DevOps Infrastructure & Configuration Management Exam Blueprint

You are expected to demonstrate your knowledge gained during the course by utilizing the studied technologies

You will be asked to perform a set of tasks taken from the following categories

Infrastructure (Terraform)

- Installation and configuration of the tool
- Creating basic to intermediate configuration solutions against Docker, VirtualBox or other local providers
- Being able to implement basic provisioning

Configuration Management (Ansible, Chef, Puppet, and Salt)

- Installation and configuration of the tools
- Using the tool in standalone mode and in client-server mode (where applicable)
- Creating basic to intermediate configuration solutions that may be executed against multiple machines
- Being able to use it in combination with Vagrant

Apache Kafka

- Installation (in standalone or cluster mode in Docker or on VMs) and configuration of the platform
- Use command line tools to interact with the platform (including to send and receive events)
- Connect 3rd party clients (applications or scripts) to the platform
- Implement basic monitoring with Prometheus and Grafana

RabbitMQ

- Installation (in standalone or cluster mode in Docker or on VMs) and configuration of the platform
- Use command line tools to interact with the platform (including to send and receive messages)
- Connect 3rd party clients (applications or scripts) to the platform
- Implement basic monitoring with Prometheus and Grafana

** Please note that you are expected to have some level of familiarity with tools studied in the first course of the module (like Vagrant, Docker, Prometheus and Grafana)*

*** Please note that it won't be required by exam challenges to apply all tools at the same time. It will be clearly stated how and which to select*