R.Q: The security implications of two main DevOps practises: deployment pipeline automation, and infrastructure-as-code to define the deployed software environment?

1.the population: Devops engineers;

2.the intervention: Docker, Jenkins(integration tool), Ansible, AWS Cloud ,Git hub;

3.the comparison : Automation tools vs AWS cloud " Command line interface";

4.the outcomes :We will look into each of our toolchain implementations in more detail. In each case, we can identify the observed security checks as authentication / authentication tests, firewall checks and security measures for transport layers.

5.the context: Identify some of the safety benefits and drawbacks of the DevOps approach to software management. We've focused on how infrastructure-as-code enables automated infrastructure provision and automated application deployment.