DevSecOps Documentation

UseFul Links:

1. Jenkins download link   
   <https://www.jenkins.io/download/>
2. Virtual Box

<https://ubuntu.com/tutorials/how-to-run-ubuntu-desktop-on-a-virtual-machine-using-virtualbox#1-overview>

1. Vulnerable Test Repo (<https://github.com/juice-shop/juice-shop>.git )
2. Snyk (SAST, SCA, IAC, Container Security) tool Installation and integration with Jenkins

<https://docs.snyk.io/integrations/snyk-ci-cd-integrations/jenkins-integration-overview>

1. Install nodeJS
2. Git Clone juice-shop repo (insecure web application)  
   *git clone https://github.com/juice-shop/juice-shop.git --depth 1*  
   *npm install –loglevel verbose  
   npm start*  
   *localhost:3000*
3. OWASP   
   <https://owasp.org/www-project-top-ten/>
4. Snyk SCA – Open source vulnerabilities:

Authenticate by running **snyk auth**

Test your local project with **snyk test**  
Get alerted for new vulnerabilities with **snyk monitor  
snyk code test --json-file-output=vuln.json**

1. DAST – Zed Attack Proxy ZAP
2. <https://github.com/WebGoat/WebGoat.git>
3. <https://github.com/opsxcq/docker-vulnerable-dvwa.git>
4. Compliance Mgmt tool – Open SCAP(Security Content Automation Protocol)  
   https://www.open-scap.org/download/