Devops School Lets Learn, Share & Practice Devoes	Cd Rd	d dc d d	С
Da	ay - 1	Day - 2	
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•			
Agile Model		•	
Waterfall Model		DSOMM or SDOMM (Maturity Model)	
•		DevSecOps Tools     DevOps Threat Madel	
•		<ul> <li>DevOps Threat Model</li> <li>Vulnerability Management &amp; Vulnerability Management Too</li> </ul>	ls
•		•     •	10
•		•	
•		Introduction to Pre commit hooks	
•		Need for Pre-commit hooks	
•		Tools for Pre-commit hooks	
•		<ul> <li>Using Talisman LAB</li> </ul>	
•			
		Using Talisman LAB	
		•	
		What is Secrets Management	
		Why Secret Management is Important	
		Challenges to Secrets Management	
		Secret management Solutions	
		<ul> <li>HashiCorp Vault Commands</li> </ul>	

## Day - 3

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- $\circ$   $\;$  What is Software Component Analysis?
- o SCA Solutions
- $\circ$   $\;$  Embedding SCA tools into the pipeline
- SCA Tool Blackduck, Sonatype Nexus Lifecycle, JFrog Xray, Snyk
- 0
- Dependency Checker LAB
- Introduction to SAST
- SAST Challenges
- SAST Tools
- SonarQube
- Using SonarQube LAB
- Introduction to DAST
- DAST Challenges
- DAST Tools
- OWASP ZAP

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- OpenVASIntroduction
- Vulnerability Assessment Tools
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- o Container & Container Security Problems
- o Introduction to Docker
- Container Security Tools
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- Using Trivy LAB
- Container Security Best Practices

## Day - 4

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- Using Inspec LAB
- Continuous Monitoring Introduction
- Continuous Monitoring Tools
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• Log Monitoring using ELK Stack LAB

- AWS DevSecOps CI/CD Pipeline Architecture
- Cl and CD Services
- Amazon Elastic Container Service (Amazon ECS)
- AWS Secrets Manager Introduction
- DevSecOps in Azure
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- Creating DevSecOps Culture
- Security Champions
- Case Studies
- DevSecOps Best Practices