CI/CD Pipeline

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Executive Summary

High level system description

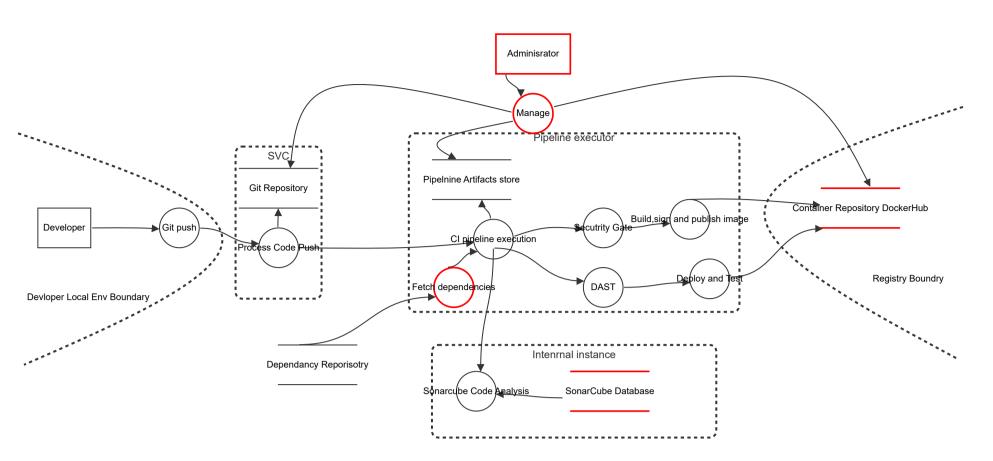
CI/CD Pipeline for DevSecOps Labs

Summary

Total Threats	5
Total Mitigated	0
Not Mitigated	5
Open / High Priority	0
Open / Medium Priority	5
Open / Low Priority	0
Open / Unknown Priority	0

CI pipeline

CI pipeline for DecSecOps lab



CI pipeline

Adminisrator (Actor)

Number	Title	Туре	Priority	Status	Score	Description	Mitigations
4	Continuous Monitoring	Spoofing	Medium	Open		Continuous Monitoring	Implement logging and monitoring to detect and respond to security incidents.

Manage (Process)

Number	Title	Туре	Priority	Status	Score	Description	Mitigations
1	Unauthorized Access	Spoofing	Medium	Open		Unauthorized Access: Ensure proper authentication and authorization mechanisms.	Ensure proper authentication and authorization mechanisms.

Data Flow (Data Flow)

Number Title Type Priority Status Score Description Mitigations

Data Flow (Data Flow)

	Number	Title	Туре	Priority	Status	Score	Description	Mitigations	
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Data Flow (Data Flow)

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Data Flow (Data Flow)

Number	Title	Туре	Priority	Status	Score	Description	Mitigations
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Number	Title	Туре	Priority	Status	Score	Description	Mitigations
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Secutrity Ga	te (Proce	<u>:</u> SS)					
Number	Title	Туре	Priority	Status	Score	Description	Mitigations
Build,sign ar	nd publish	h image (F	Process)				
Number	Title	Туре	Priority	Status	Score	Description	Mitigations
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Fetch depen	idencies (Process)					
Number Title	Туре	Priority 5	Status Score Des	cription	Mitiga	itions	
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Process Code Push (Process)

Number	Title	Туре	Priority	Status	Score	Description	Mitigations
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Sonarcube Code Analysis (Process)

Number	Title	Туре	Priority	Status	Score	Description	Mitigations	

SonarCube Database (Store)

Number	Title	Туре	Priority	Status	Score	Description	Mitigations
3	Regularly review and update of the Source DB	Tampering	Medium	Open		Regularly review and update of the Source DB	Regularly review and update the DB to address new vulnerabilities

Developer (Actor)

Number	Title	Туре	Priority	Status	Score	Description	Mitigations	

Git push (Process)

Number	Title	Туре	Priority	Status	Score	Description	Mitigations

Container Repository DockerHub (Store)

Number	Title	Туре	Priority	Status	Score	Description	Mitigations
12	Artifact Repositories	Tampering	Medium	Open		Secure storage	Secure storage for build artifacts (e.g., Docker images, binaries).

Dependancy Reporisotry (Store)

Number	Title	Туре	Priority	Status	Score	Description	Mitigations	