

ECDEv1 Exam Blueprint



EC-Council

ECDev1 EXAM BLUEPRINT

S. No.	Domain	Sub Domain	Number of Questions	Weightage (%)
01	Understanding DevOps Culture	<ul style="list-style-type: none"> • Evolution of the Software Development Life Cycle • Introduction to DevOps • DevOps in an On-Premise Environment • DevOps in an AWS Cloud Native Environment • DevOps in an Azure Cloud Native Environment • Frameworks and Maturity Model in DevOps • Security Silos in DevOps 	10	10
02	Introduction to DevSecOps	<ul style="list-style-type: none"> • Addressing Security Bottlenecks and Challenges in DevOps Process • Introduction to DevSecOps • DevSecOps Culture • Continuous Security in DevSecOps • DevSecOps Pipeline • DevSecOps Strategy • DevSecOps Tools 	15	15
03	DevSecOps Pipeline-Plan Stage	<ul style="list-style-type: none"> • Continuous Threat Modeling in the DevSecOps Pipeline • Integration of Threat Modeling Tools • Managing Security Requirements in DevSecOps • Technical Security Debts • Pre-Commit Checks • Secure Code Training and Awareness • Security Tools Training 	15	15
04	DevSecOps Pipeline-Plan Stage	<ul style="list-style-type: none"> • Integration of Security Plugins in IDEs • Configuring and Managing Code Scanning for GitHub Repository • Integration and Scanning Source Code Repository • Integration of Secret Management Tools • Integration of Software Composition Analysis (SCA) Tools 	15	15

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05	DevSecOps Pipeline-Build and Test Stage	<ul style="list-style-type: none"> • Integration of SAST Tool • Integration of SAST Tool with AWS Cloud • Integration of SAST Tool with Microsoft Azure • Conducting Manual Secure Code Review • Integration of DAST Tool • Integration of DAST Tool with AWS • Integration of DAST Tool with Azure • Integration of IAST Tool • Security Testing Framework 	15	15
06	DevSecOps Pipeline-Release and Deploy Stage	<ul style="list-style-type: none"> • Integration of RASP Tool • Conduct Penetration Testing • Integration of Vulnerability Scanning Tool • Run Bug Bounty Program • Integration of Threat Detection Tools • Infrastructure Deployment using Infrastructure as Code (IaC) • Infrastructure Provisioning as Code (IaC) using Terraform • Integration of AWS CloudFormation • Integrate Configuration Orchestration Tools: Ansible, Chef, Puppet, Azure Resource Management 	15	15
07	DevSecOps Pipeline-Operate and Monitor Stage	<ul style="list-style-type: none"> • Scanning Infrastructure as Code (IaC) for Vulnerabilities • Scanning Infrastructure for Vulnerabilities • Securing Containers • Integration of Container Vulnerability Scanning Tools • Securing Jenkins • Integration of Compliance as Code (CaC) Tools • Integration of Logging, Monitoring, and Alerting Tools • Monitoring in AWS • Monitoring in Azure • WAF Integration • Continuous Feedback Integration 	15	15

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