

Project Implementation Status

Module	Status	Role	Deployment
IaC Auditing	✓ Implemented	Pre-deployment misconfig detection	Docker / CI/CD (GitHub Actions)
IAM Monitoring	✓ Implemented	Post-deployment IAM misconfig detection	AWS Lambda (CloudWatch trigger)
Policy Decision Point (PDP)	✓ Implemented	Central policy evaluator	Python microservice / OPA
Policy Enforcement Point (PEP)	✓ Implemented	Access gatekeeper	IAM / API Gateway / Service Mesh
Remediation Module	✓ Implemented	Auto-fix detected misconfigs	Lambda / Cloud Function
Monitoring & Logging	✓ Implemented	Central visibility + dashboards	ELK / CloudWatch / Grafana