FOSSA and SonarQube Cheat Sheet & Interview Q&A

FOSSA Cheat Sheet & Interview Questions

FOSSA Cheat Sheet:

- Detects license compliance issues.

- Detects vulnerabilities in dependencies.

- Supports 25+ languages and package managers.

- Integrates easily into CI/CD pipelines.

- Provides detailed license and security reports.

FOSSA Common Interview Questions:

1. What is FOSSA used for?

-> License compliance, security vulnerability detection, and dependency management.

2. How does FOSSA work?

-> Scans codebase, identifies dependencies, checks for licenses and vulnerabilities.

3. What languages and ecosystems does FOSSA support?

-> 25+ ecosystems including Maven, npm, PyPI, Go modules.

4. How do you integrate FOSSA in CI/CD?

-> Using FOSSA CLI or plugins for GitHub, GitLab, Jenkins.

5. What is the output of a FOSSA scan?

-> License compliance reports and vulnerability reports.

SonarQube Cheat Sheet & Interview Questions

SonarQube Cheat Sheet:

FOSSA and SonarQube Cheat Sheet & Interview Q&A

- Continuous inspection of code quality.

- Detects bugs, vulnerabilities, code smells.

- Supports 30+ languages.

- Integrates with CI/CD pipelines easily.

- Provides Quality Gates for code acceptance.

- Identifies OWASP Top 10 security issues.

SonarQube Common Interview Questions:

1. What is SonarQube?

-> A tool for continuous inspection of code quality.

2. What issues can SonarQube detect?

-> Bugs, vulnerabilities, code smells, security hotspots, duplications.

3. What languages does SonarQube support?

-> 30+ languages including Java, Python, JavaScript, C#.

4. How do you integrate SonarQube into CI/CD?

-> Using SonarScanner CLI, Jenkins plugin, GitHub Actions, etc.

5. What is a Quality Gate in SonarQube?

-> Set of conditions code must meet to pass quality checks.

6. How does SonarQube help with security?

-> Identifies security vulnerabilities and OWASP Top 10 issues.