

# Certified Jenkins Engineer Practice Test Questions and Answers

**1. What is the primary purpose of Jenkins in software development?**

- A) Database management
- B) Continuous integration and continuous deployment (CI/CD) automation
- C) Frontend development
- D) User interface design

**2. Which file is used to define Jenkins pipeline as code?**

- A) config.xml
- B) Jenkinsfile
- C) pipeline.json
- D) build.gradle

**3. What is the benefit of using Jenkins agents (slaves) in a distributed build system?**

- A) Reducing security
- B) Parallel execution of builds across multiple machines for scalability
- C) Increasing build times
- D) Centralizing all processing on one machine

**4. Which Jenkins feature is most important for maintaining build reliability?**

- A) Avoiding version control integration
- B) Automated testing integration with build failure notifications
- C) Manual deployment processes only
- D) Skipping code quality checks

Answers: 1-B 2-B 3-B 4-B

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