

# Risk Analysis Matrix Sample for DevOps Changes

Low
Medium
High

Change Description	Likelihood	Impact	Risk Level	Mitigation Plan
Update application runtime version	Possible	Moderate	Medium	Test in staging, verify critical paths, automate rollbacks
Change database schema	Unlikely	High	High	Peer review migrations, backup database before applying, rollback plan ready
Update monitoring script	Likely	Low	Low	Deploy to non-prod first, rollback immediately if issues
Deploy new service component	Possible	High	High	Gradual rollout, monitor system, enable canary releases
Change CI/CD pipeline configuration	Possible	Moderate	Medium	Code review, deploy to test environment first