

DevSecOps pipeline for (RPA) robotic process Automation system

evaluate the effectiveness in handling real-time processes and functions. Identifying possible bugs or improvements

Identifying requirements and necessary functions

Security Analysis + Test plan

Monitor

Operate

Running the system on the live version

Deploy

CI/CD

Release

Test

Build

Code

Security Integration

SAST (Static Application Security Testing)

Software Developers begin writing the code.
- Listing programs to optimise code
- Version control system. Keep track of updates and their authors.

must be accepted before proceeding to test phase:

- Unit + Performance testing
- Quality check
- Code + Infrastructure scanning

Integration testing

By now, should have been thoroughly tested.

Deploys allow automating the release process so software can be deployed to production at any time.

- Secure runtime environment infrastructure
- Evaluate environment configuration values like →
 - User access control
 - Network firewall access
 - Data management.