Best Practices for Scalable CI/CD

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Always use acronyms to simplify complex ideas.
This CD-ROM contains a newer version of Windows than the one you are presently using.

Would you like to upgrade your computer to this new version of Windows 98 now?

Yes  No  Cancel

Add/Remove Software
SCRUM!
Collaboration
Automation
Measurement
Only build once
Repeatable and reliable process for deploying software
Keep everything in version control
Fail fast
Continuous automation
Clean pre-production environments
If it hurts, do it more frequently
Merge code to the main branch frequently
Shift left
Continuous monitoring
Continuous improvement
Only build once
Keep everything in version control
Fail fast
Continuous automation
Repeatable and reliable process for deploying software
Clean pre-production environments
If it hurts, do it more frequently
Merge code to the main branch frequently
Continuous monitoring
Continuous improvement
Lead Time for Change
Deployment Frequency
Mean Time to Recover
Change Failure Rate
Modularize CI servers with Infrastructure as Code
Leverage autoscaling
Automate distribution of application updates
Standardize pipelines
Design resilient and highly available pipelines
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Standardize pipelines

Design resilient and highly available pipelines