CI/CD
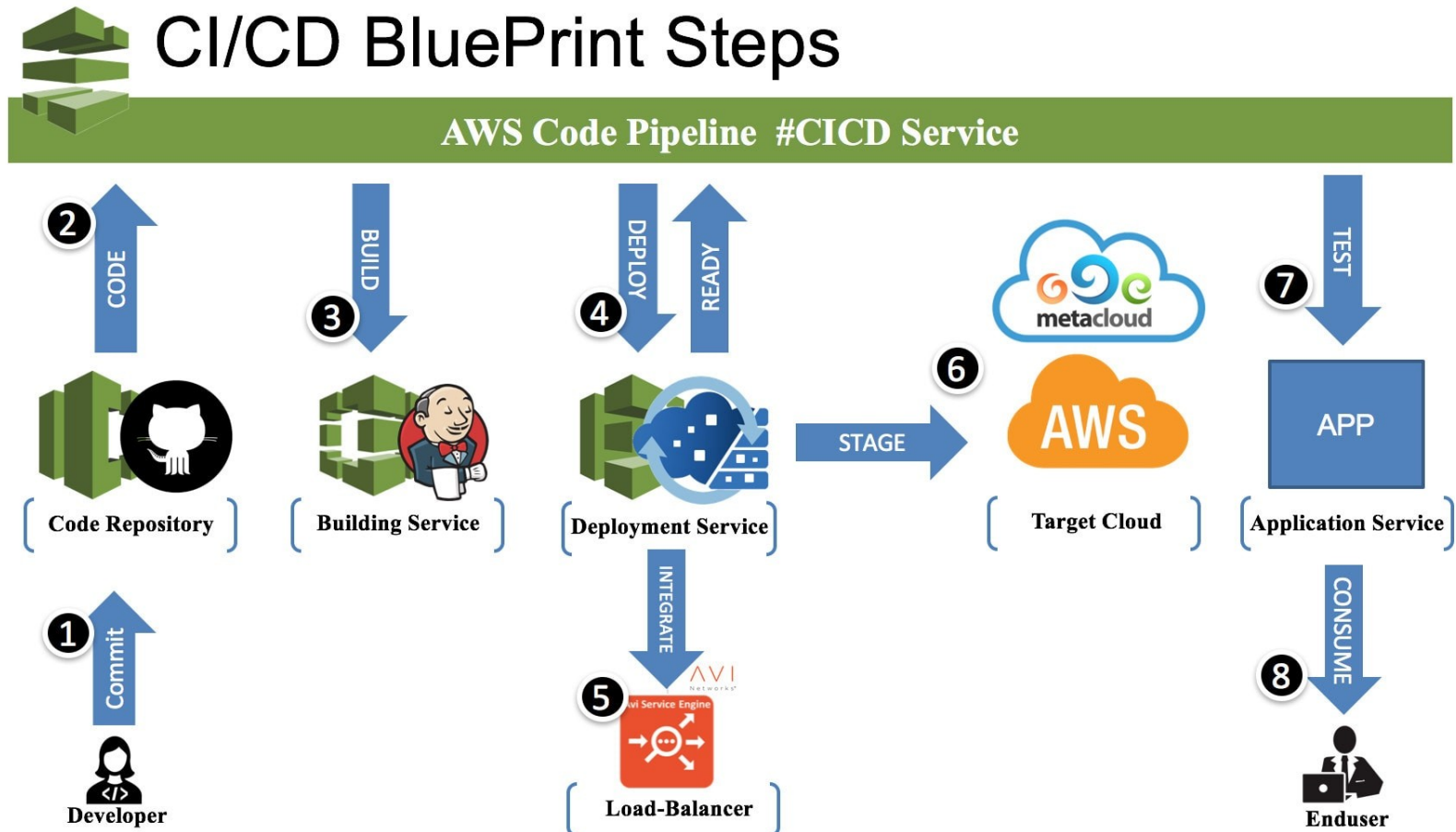# Next step for boosting business

SDLC in perspective of CI/CD

Why CI/CD

Building Confidence

- In order to achieve (or even move in the direction of) continuous delivery, we need to pay attention to the confidence of our stakeholders. The confidence they have in the delivery team to do its job well, the more freedom the delivery team will have to move closer to continuous delivery.

- Stakeholders need confidence that...

  - Production will be available for users

  - Features will be built correctly

Why CI/CD

- It's much better to know each other language for being on the same page. CI/CD mechanism provide many solutions to make this happen like monitoring and automating every single step after writing the main code.

- These tools make the process much easier and translated to direct increasing in revenue or reducing costs dramatically

Benefits of CI/CD

- Less developer time on issues from new developer code
- Less bugs in production and less time in testing
- Prevent embarrassing or costly security holes
- Less human error, Faster deployments
- Less infrastructure costs from unused resources
- New value-generating features released more quickly
- Less time to market
- Reduced downtime from a deploy-related crash or major bug
- Quick undo to return production to working state

Conclusion

Removing Human Error

Before we implement CI/CD almost everything requires human intervention. Can you imagine a world without human error?

... Neither can I, but with CI/CD, we can reduce it!

That will make error more countable and make fast responsive solution