Production
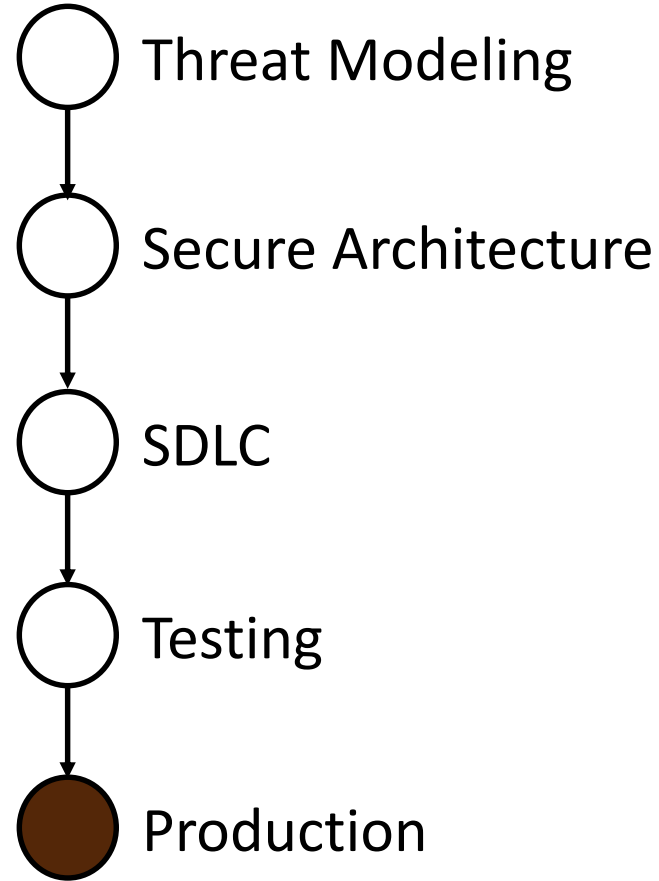
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Secure Architecture Process

Production

Goal: To make sure the system is still secure even in production

Participants: Everyone

Production and Security

- System security is an on-going process that never ends

- System that was secure one year ago might no longer be so

- Need to maintain its security

- Using mainly:

  - Security Review

  - Penetration Testing

Security Review

- Security Threats are an always-developing entities

- New worms, new viruses, new security flaws

- Must make sure the system is protected against the new

  threats

Security Review

- Once in a while (ie. month) conduct a security review

  - Review new security threats worldwide

  - Discuss their relevancy to our system

  - Plan changes accordingly

Penetration Testing

- Once in a while (ie. month) conduct a penetration testing

    - Make sure the system is still secure

    - Make sure new changes didn't affect the system

    - If they did – plan changes accordingly

Production and the Architect

- Participate in the security review

- Participate in the pen testing conclusions

- Plan changes to the architecture as needed

- Work with the dev team to make sure changes are applied