

# Scaling backend

With a limited budget

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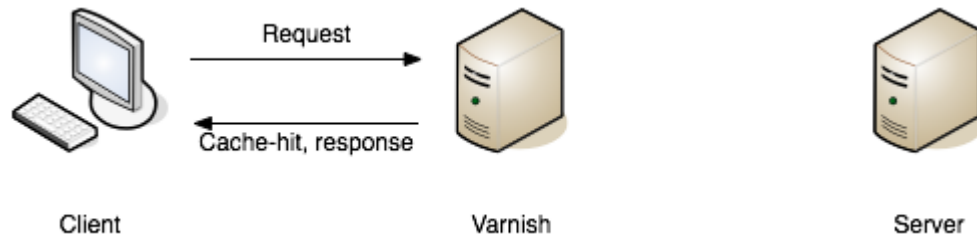
- Serving more users.
- What if you have a limited budget?
- Outline:
  - Choosing a scalable Web Server
  - Reverse Cache Proxy
  - Background jobs (Queuing)

# Choosing a scalable Web Server

- Case study: Apache vs Nginx
- Achieving a higher hit rate (simultaneous views).
- Benchmarks.
- Nginx's event-based architecture.

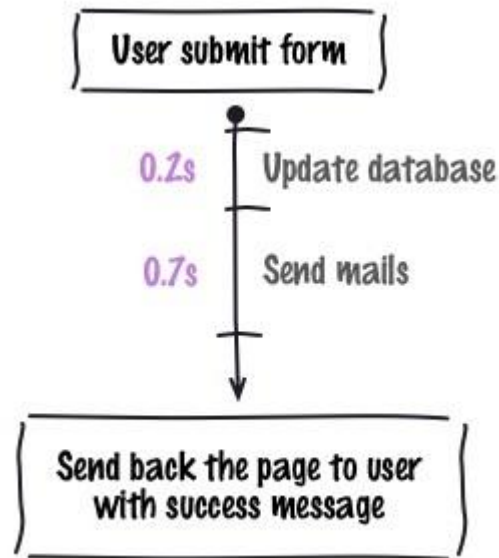
# Reverse Cache Proxy

- Concept
- Handling concurrent connections
- Case study: Varnish vs Nginx



# Background jobs (Queuing)

- User registration scenario
- Issues when not queuing
- Queuing third party API calls



Thank you