

Getting Started with Progressive Web Apps

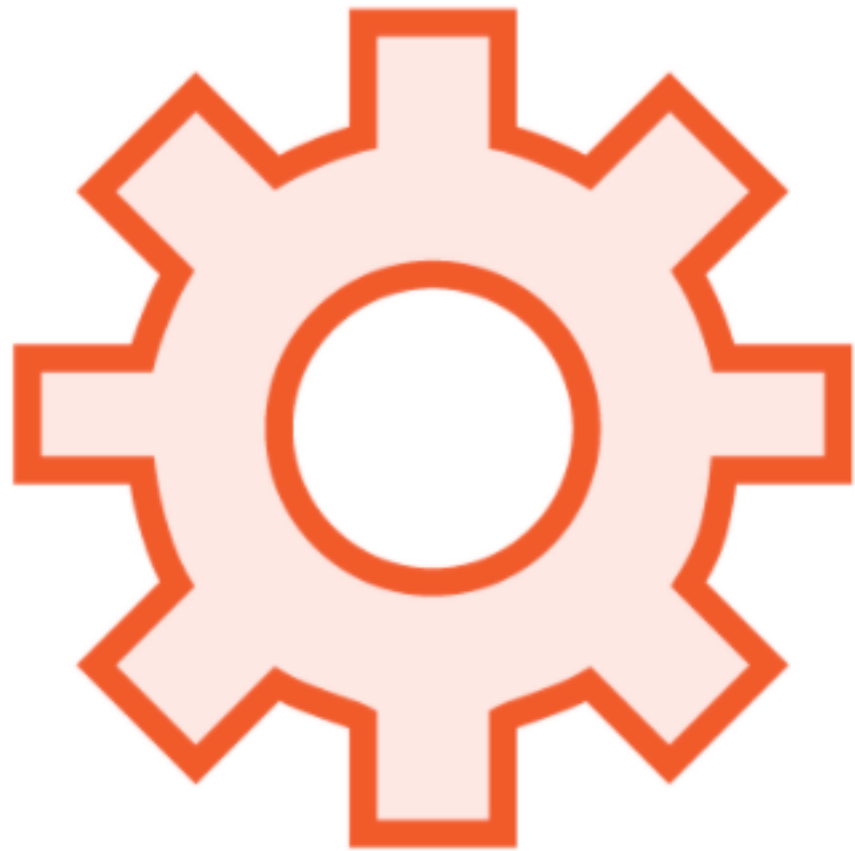
OFFLINE SUPPORT AND SERVICE WORKERS



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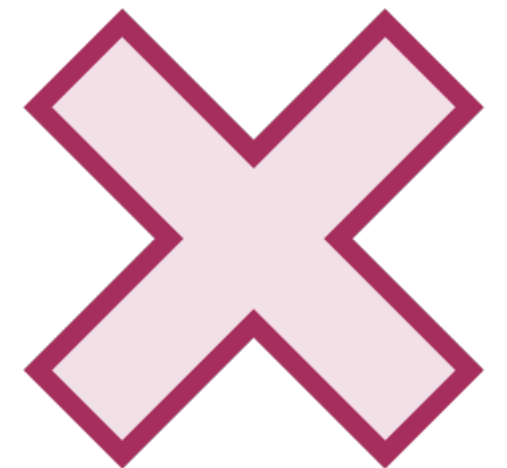
Service Worker

- Separate Thread
- Intercept Network Request
- Functional Events (fetch, push, sync)

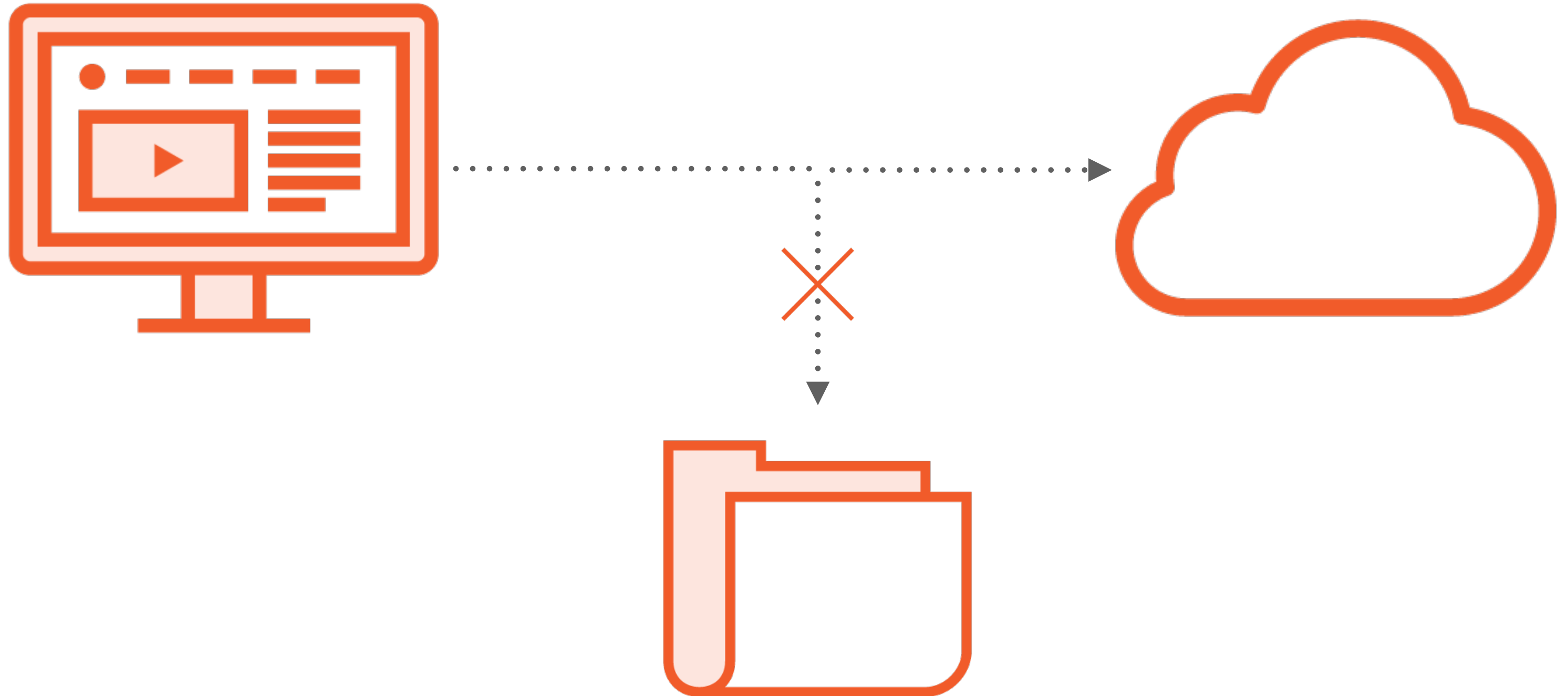


Application Cache

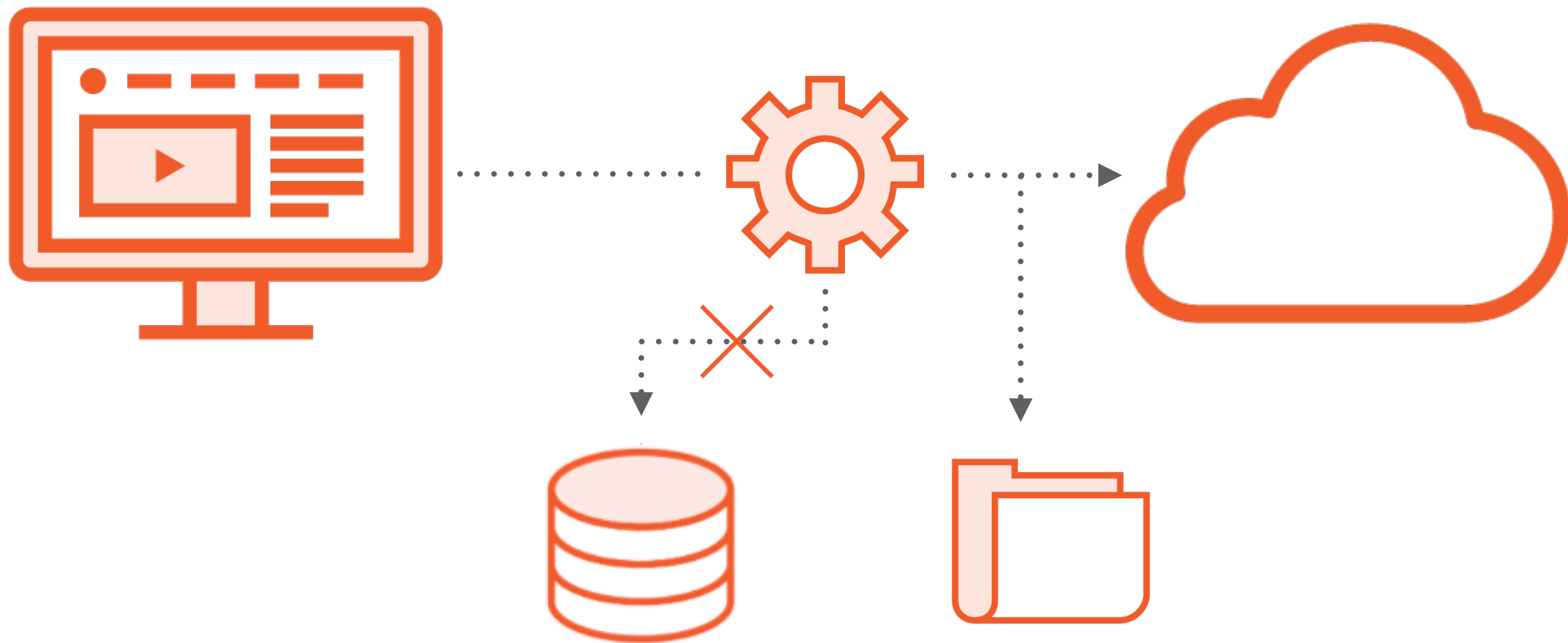
- Strict Rules
- Challenging Versioning
- Cannot Update Small Areas



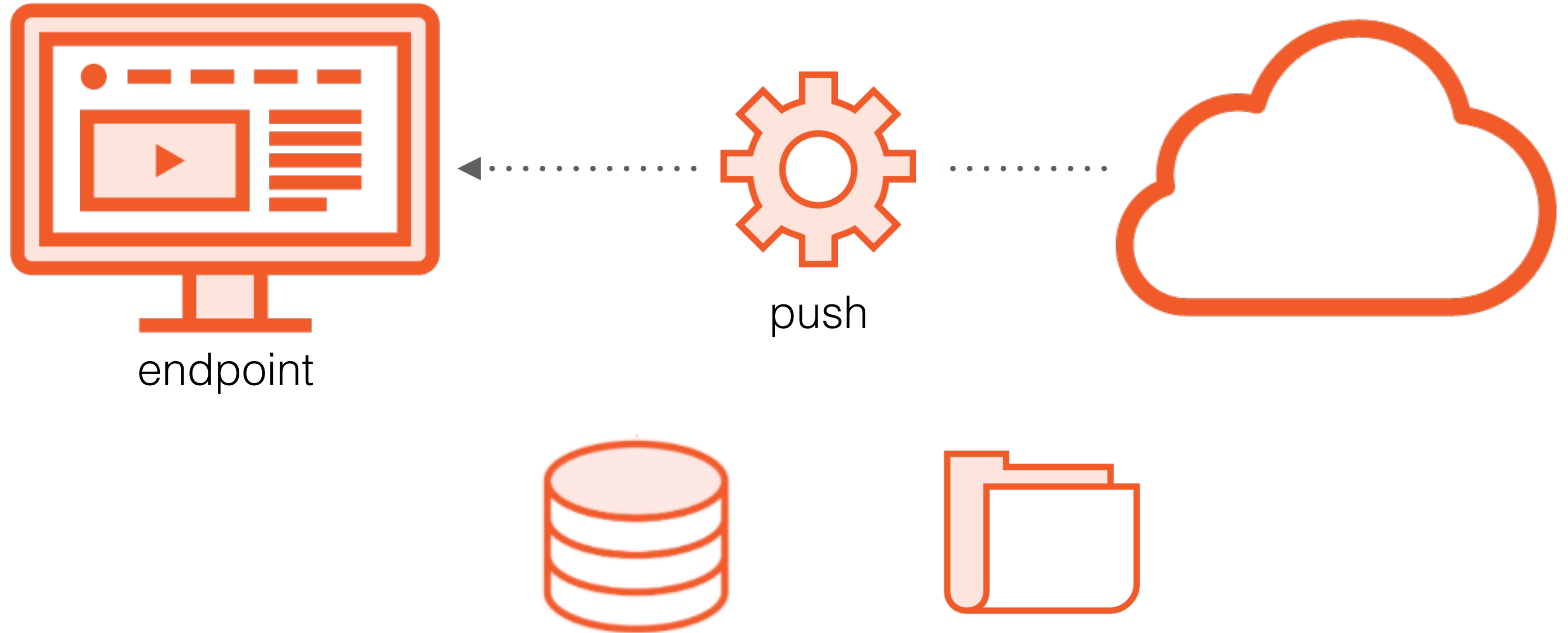
Service Worker Overview



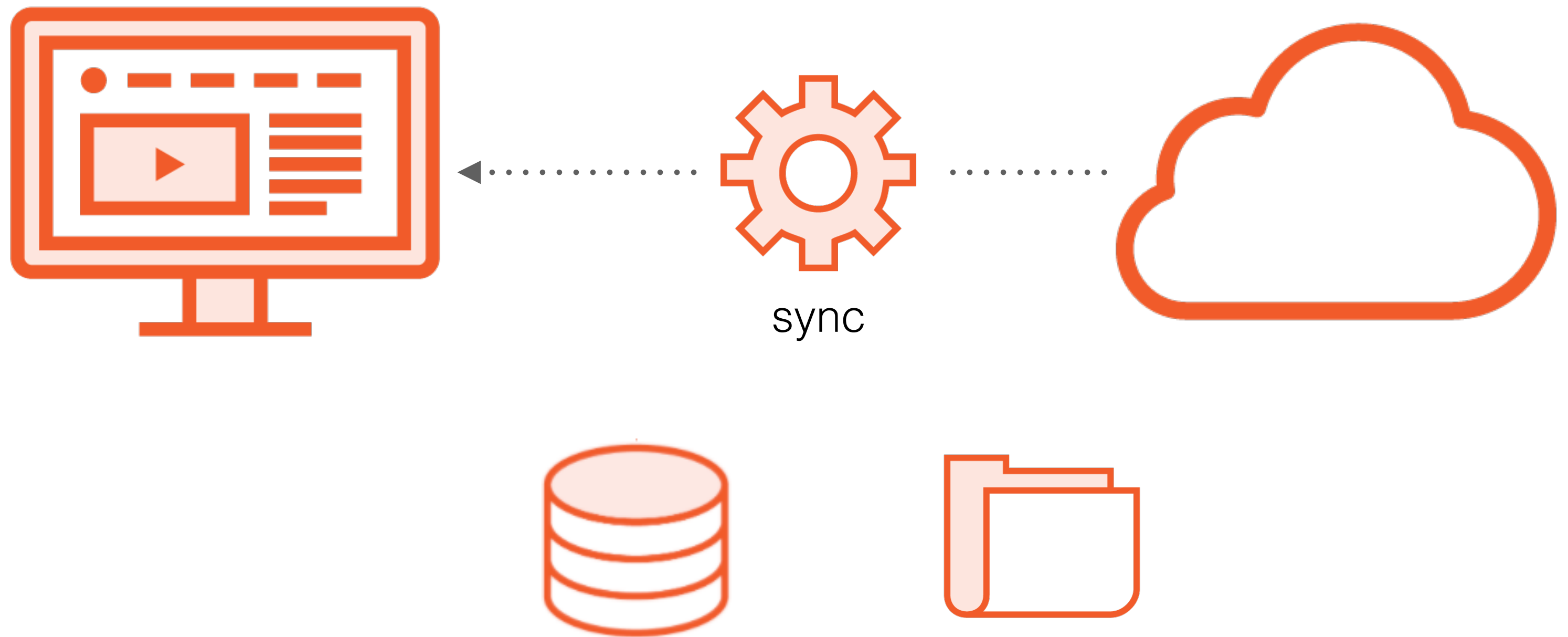
Service Worker Overview

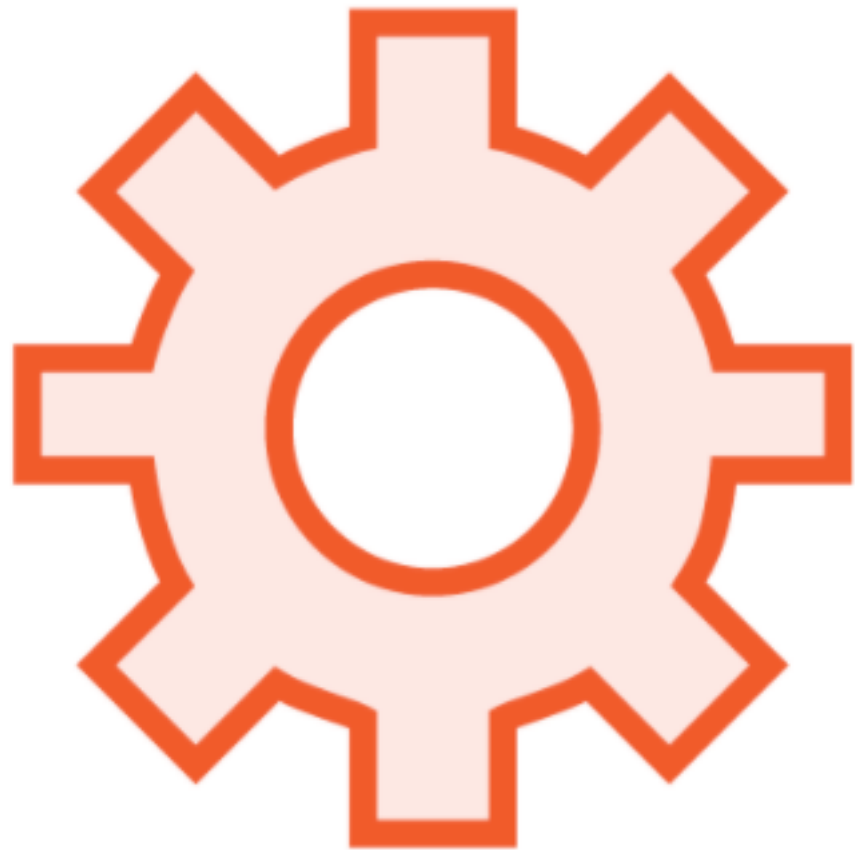


Service Worker Overview

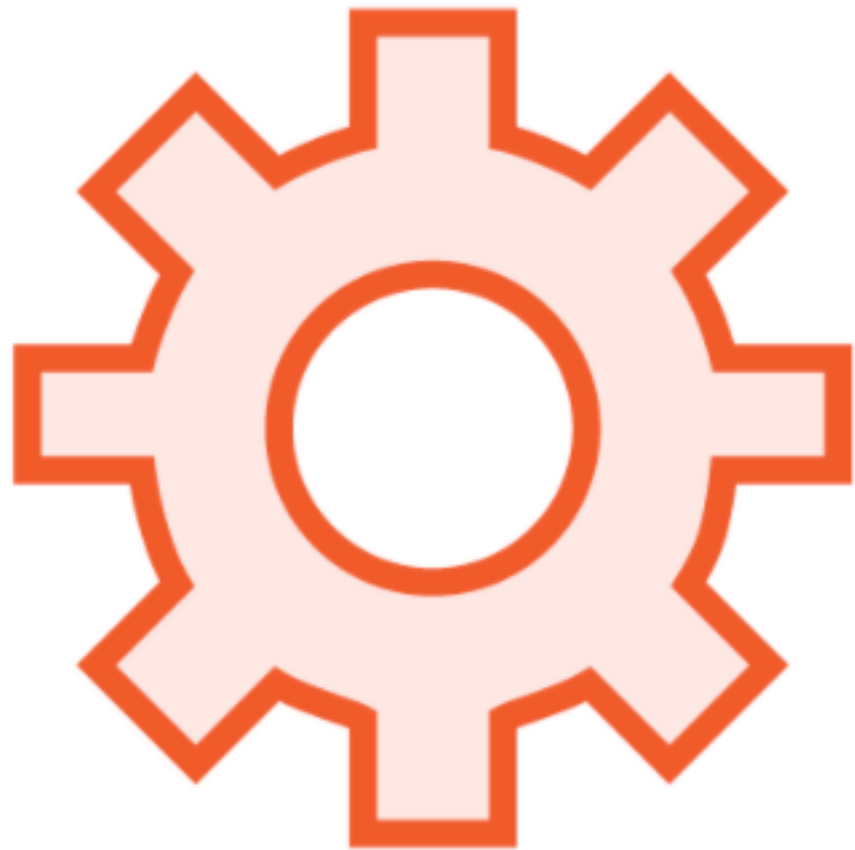


Service Worker Overview





**Progressive Enhancement
HTTPS (except localhost)**



No DOM Access

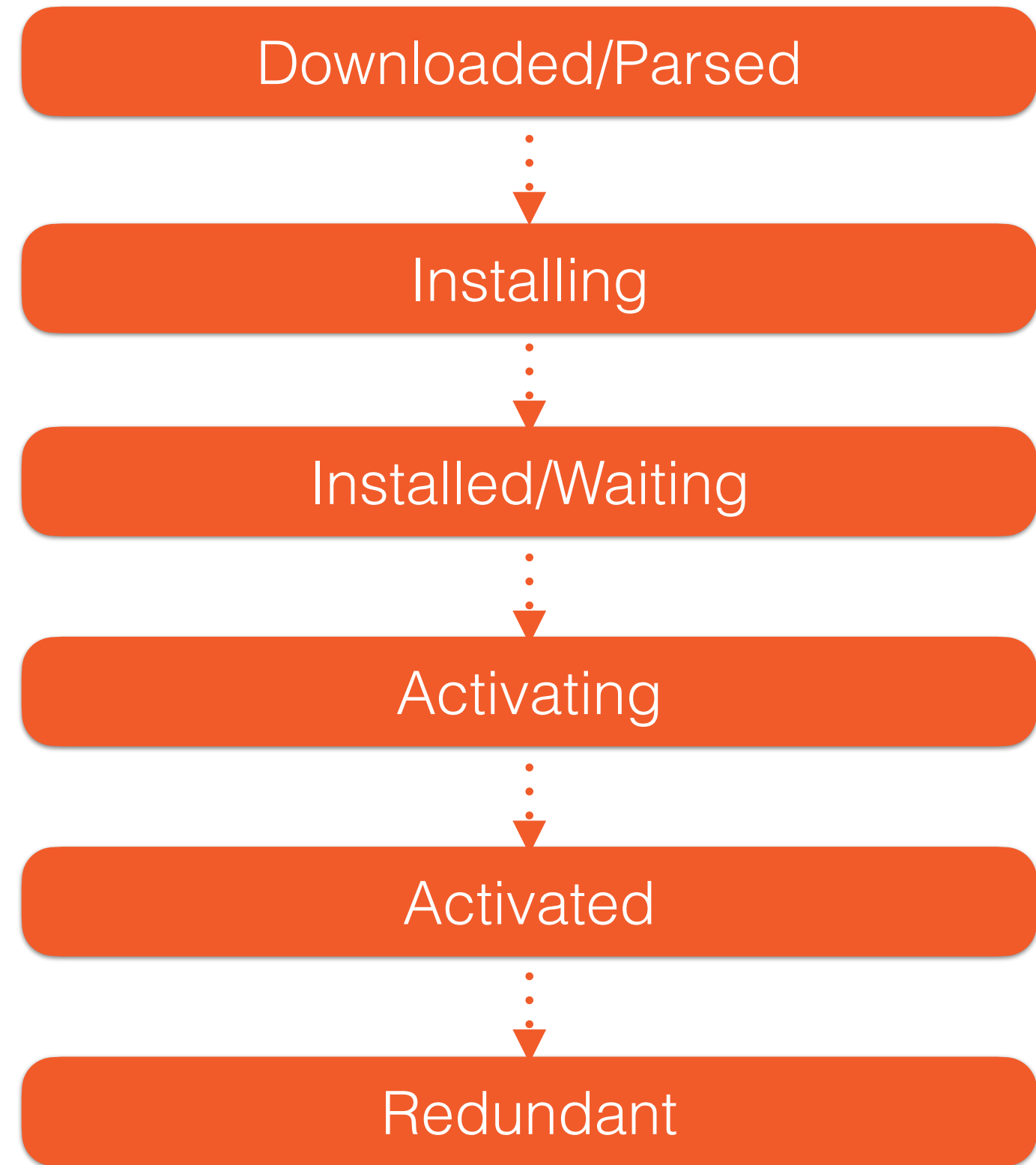
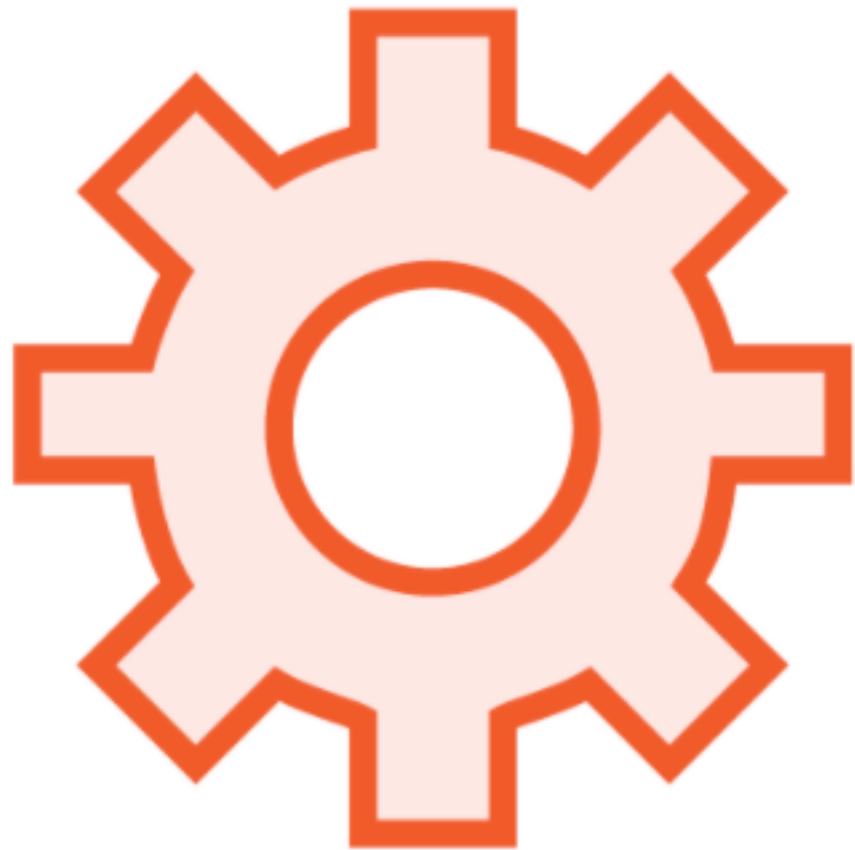
No Page

Global Script Context

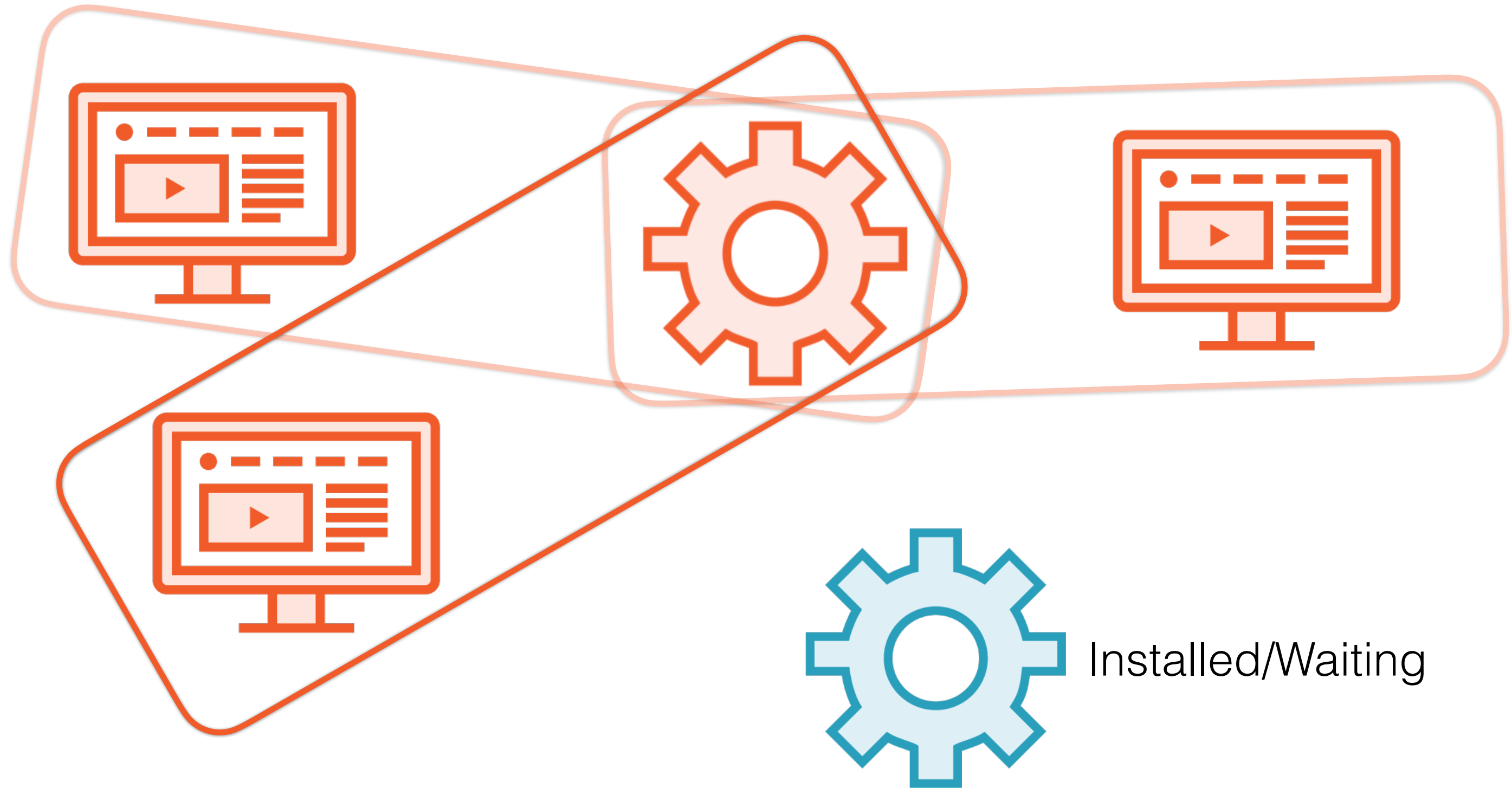
HTTPS

Run Without a Page!

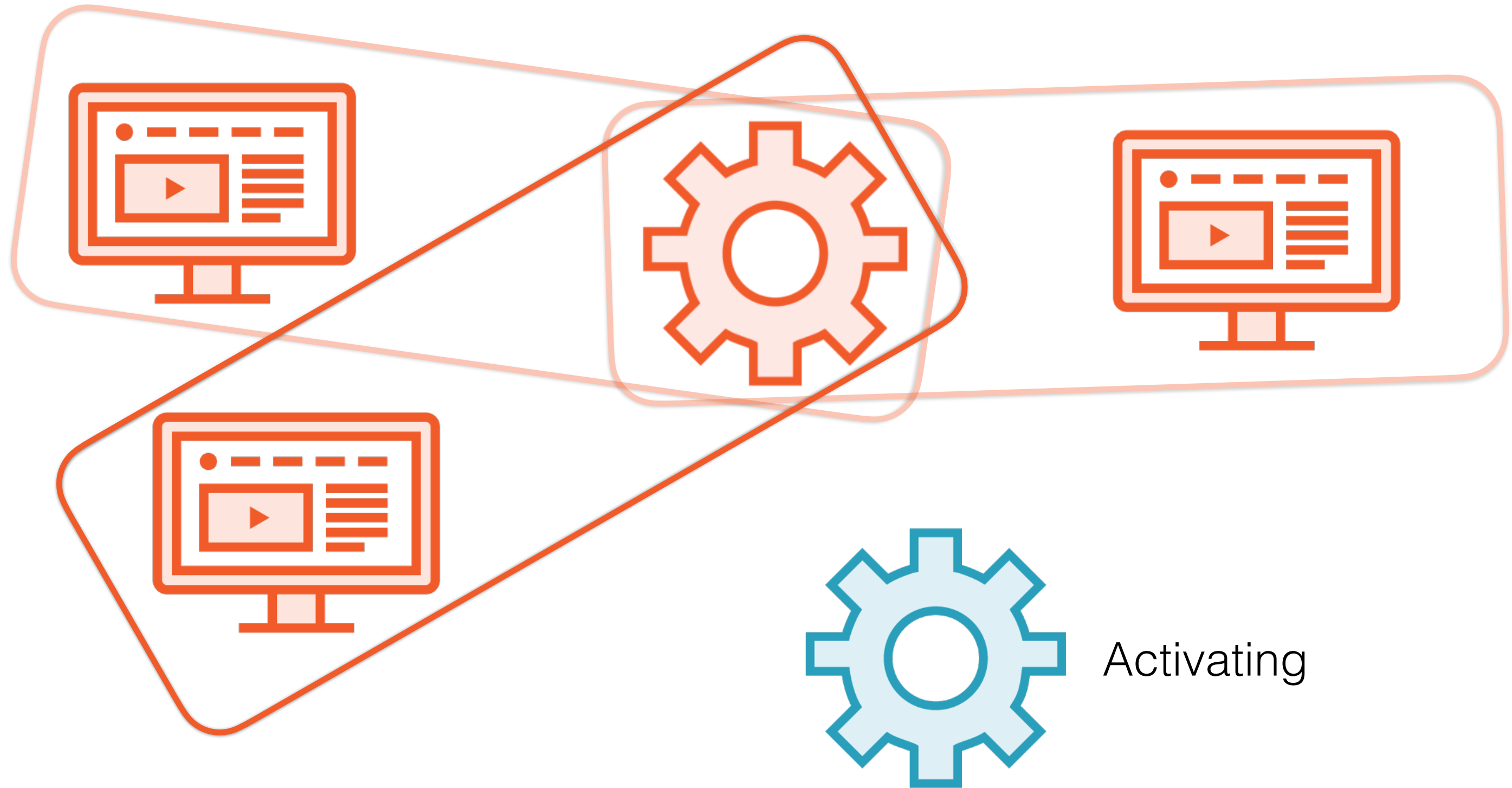
Event-driven



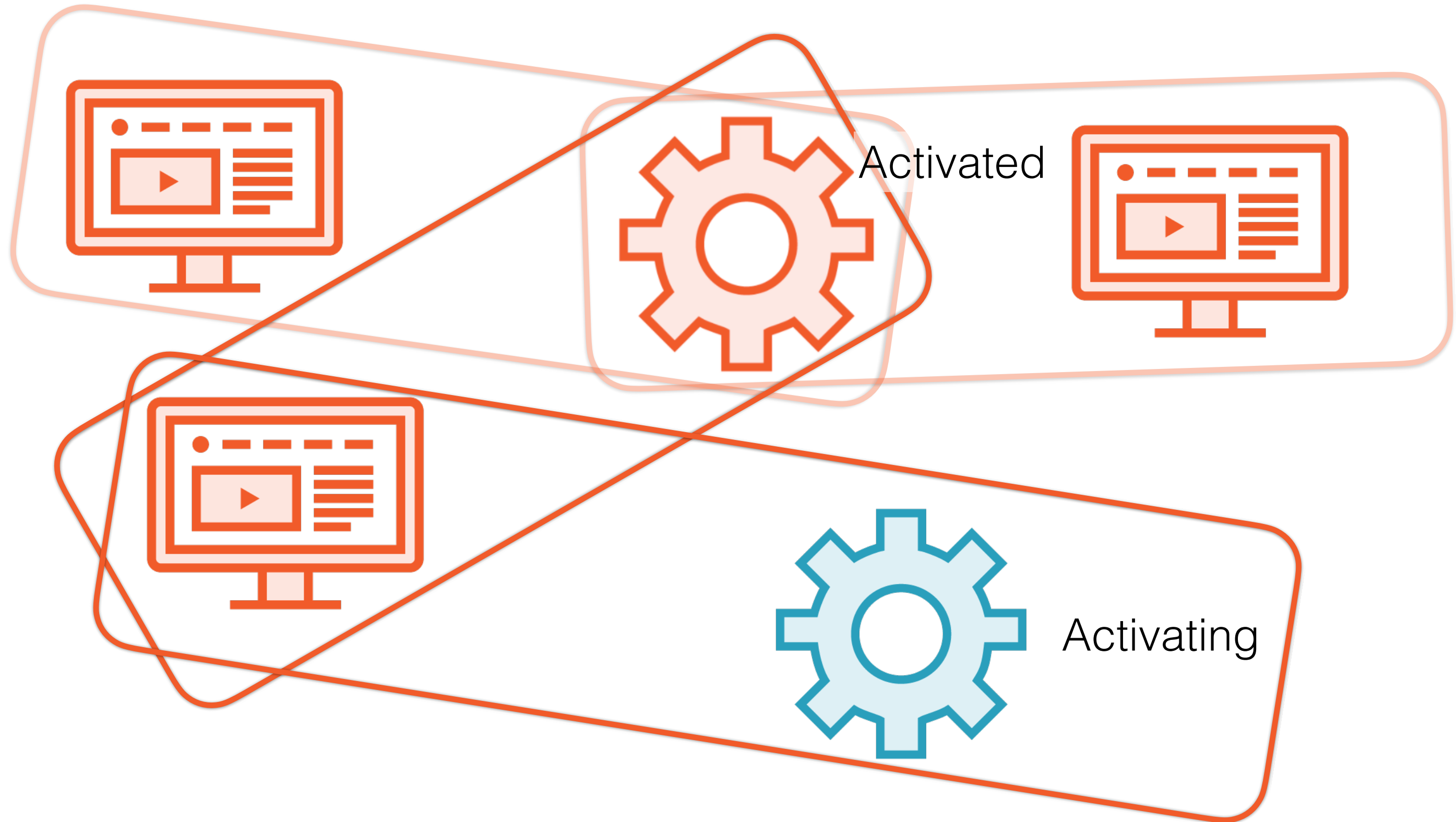
Installed/Waiting

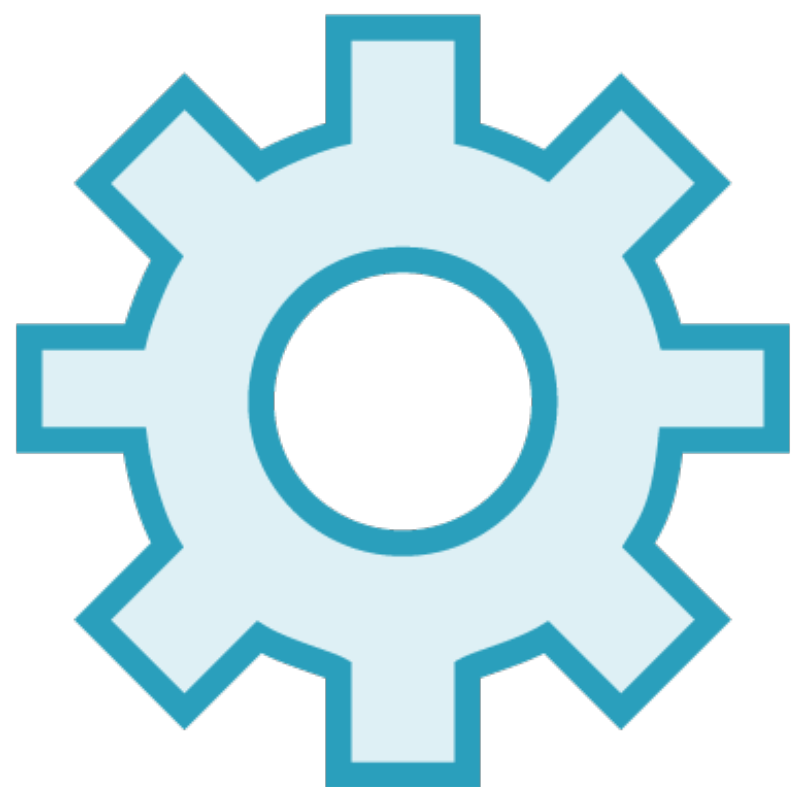
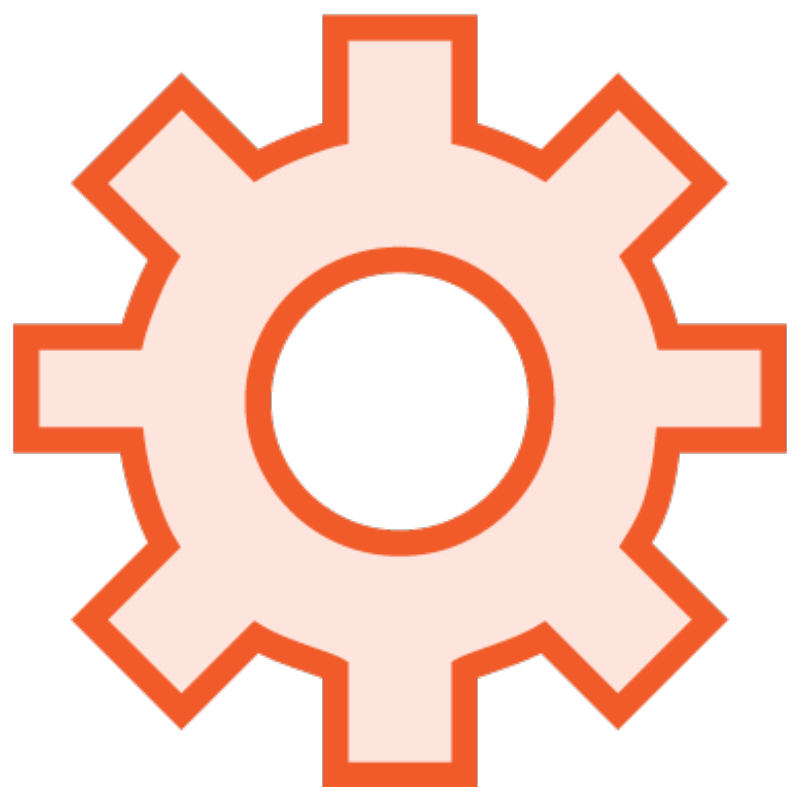


skipWaiting()

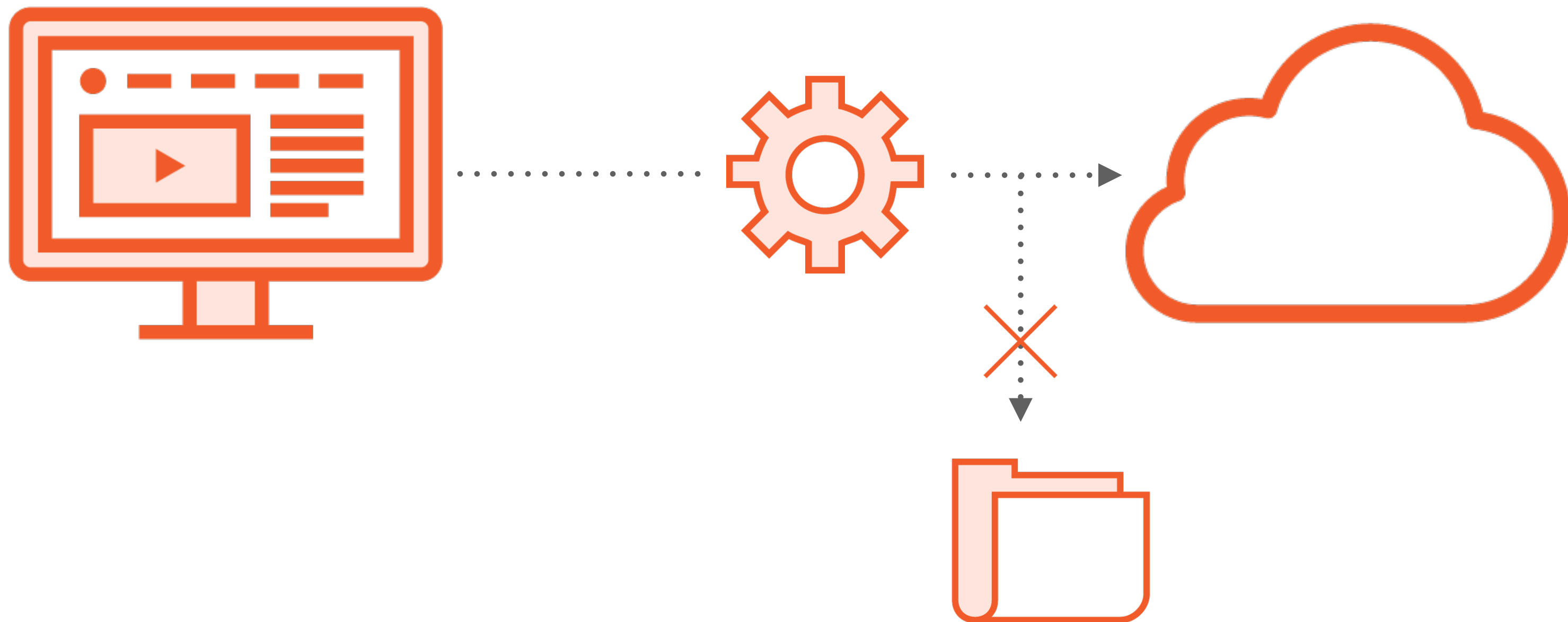


clients.claim()

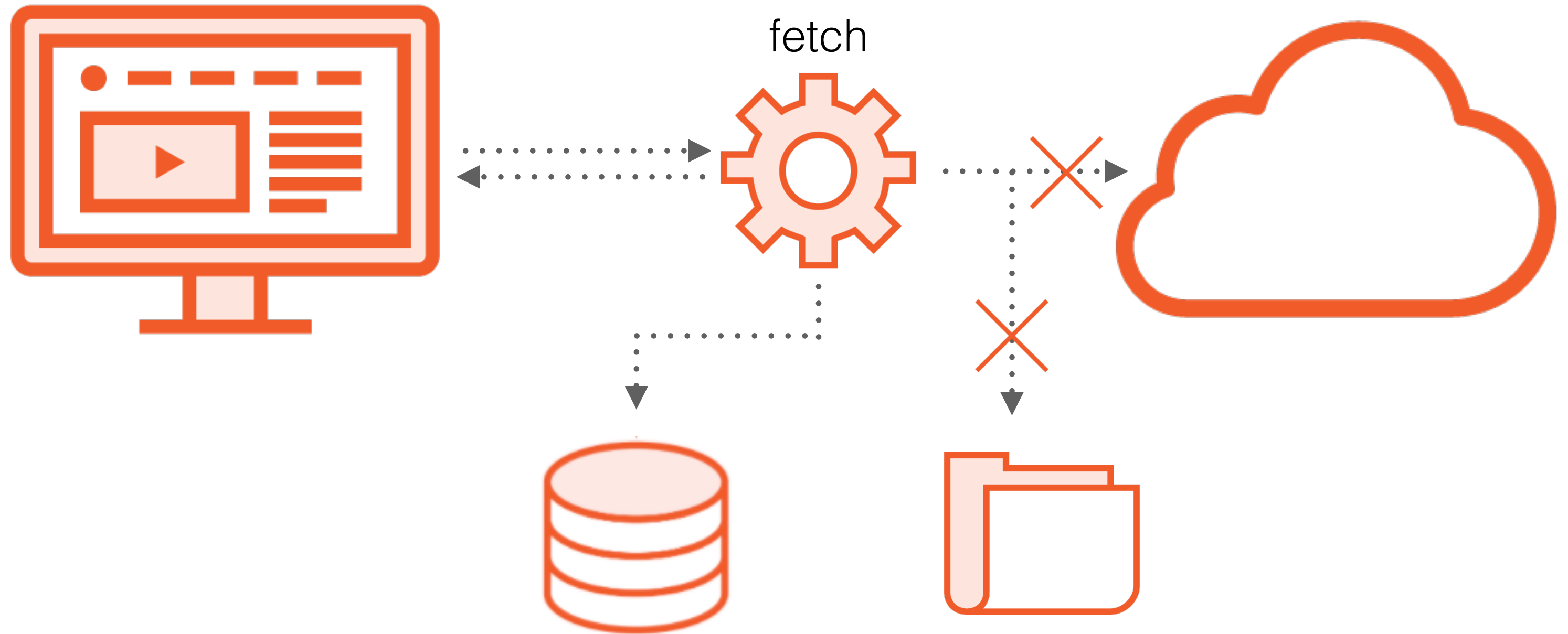




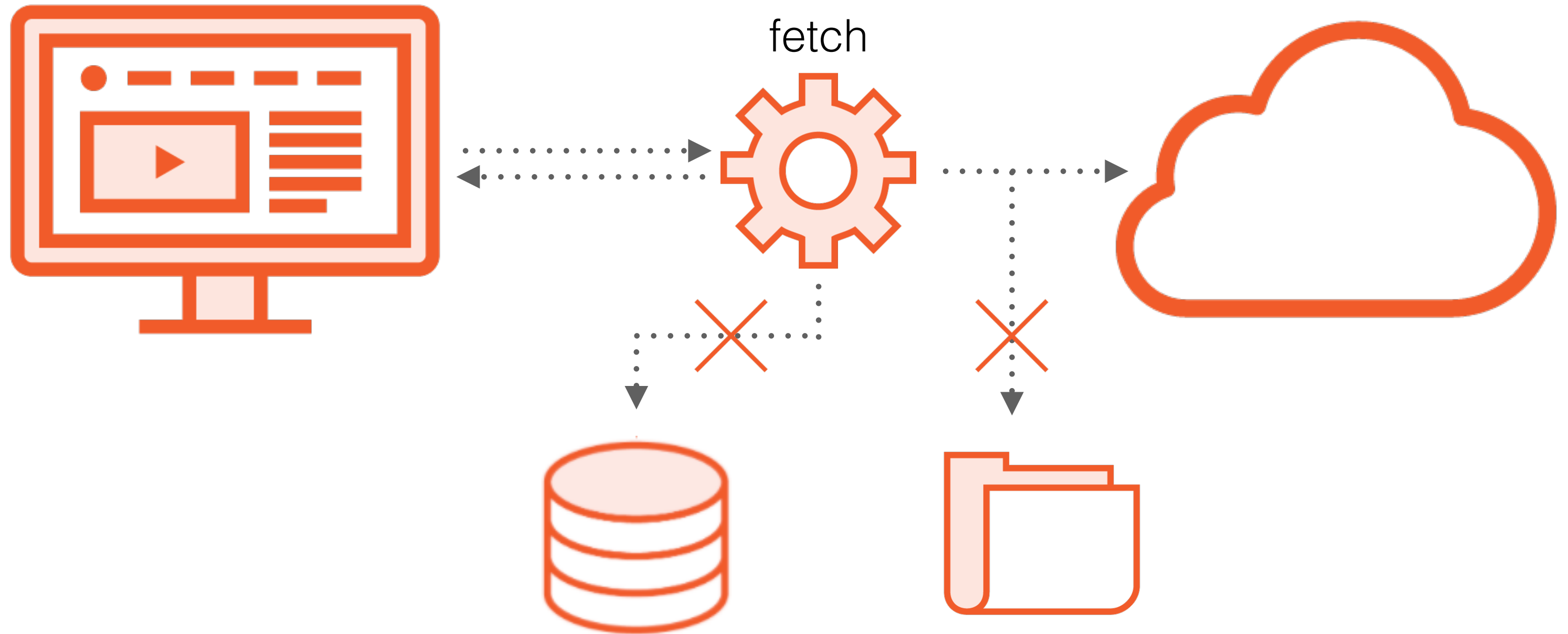
Network Only Strategy



Network First Then Offline Strategy



Offline First Then Network Strategy



Offline Only Strategy

