



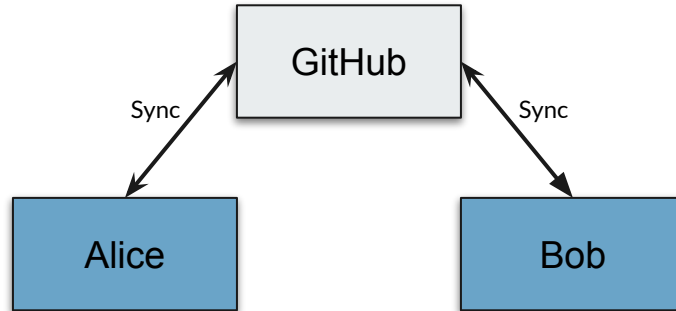
# GitSync

Distributed Version Control System on NDN

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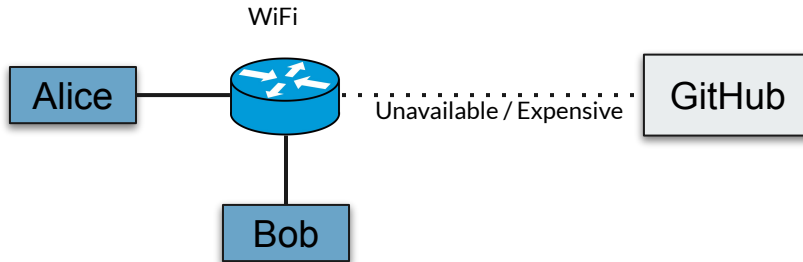
# Git & Git Servers

- Git is a widely used distributed version control system
- However, people often use a centralized git server to host their repositories



# Problems

- What if there is no connection to the git server?
  - For example, Alice and Bob are taking an airplane ...



# System Overview

- A daemon on every peer, behaves as a local server
  - Daemons synchronize with each other (State Vector Sync)
- Use a git-remote-helper to integrate with git
  - No need to modify git

