

# Key Transparency Verification Update

- Kwok Wai Lui about to hand in his Master thesis on KT verification
- Results
  - Proof methodology works
  - Verified simplified greatest-version search
    - Clients query same epoch
    - Identified + proved invariants on binary ladder and prefix-tree search
- After Kwok is finished, I will take over
  - Generalize methodology to different epochs
  - Requires invariants on monitoring and implicit binary search tree