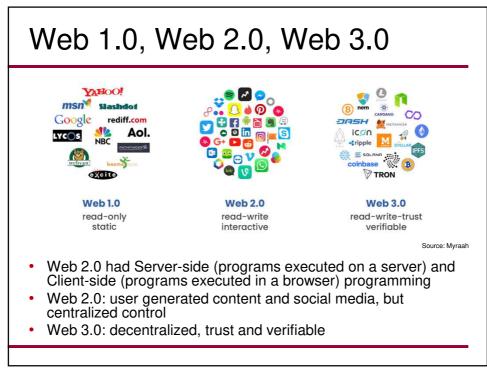


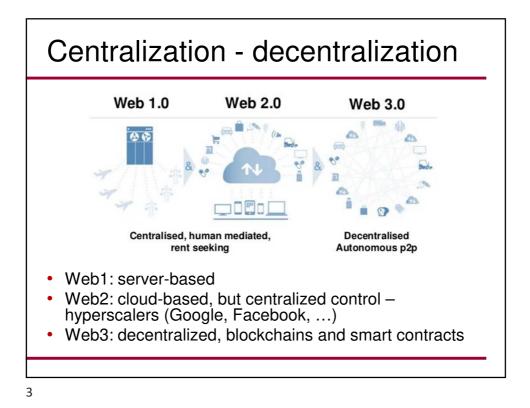
Οικονομικό Πανεπιστήμιο Αθηνών Τμήμα Πληροφορικής

Ευφυή Κινητά Δίκτυα: Web 3 (& 4, 5), Digital wallets-identities-credentials

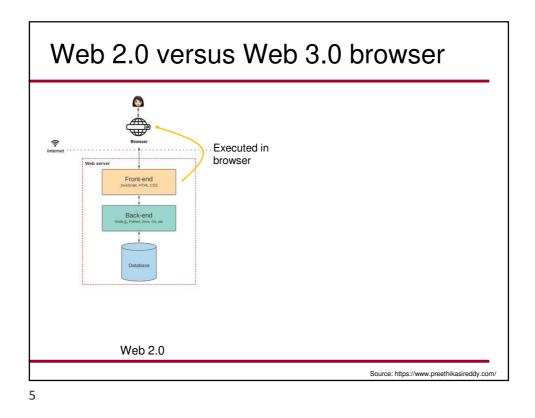
Εαρινό Εξάμηνο 2024-25

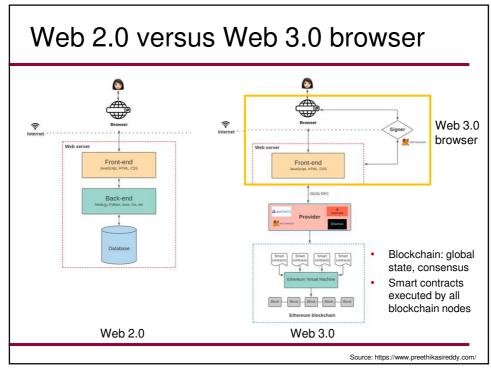
Βασίλειος Σύρης

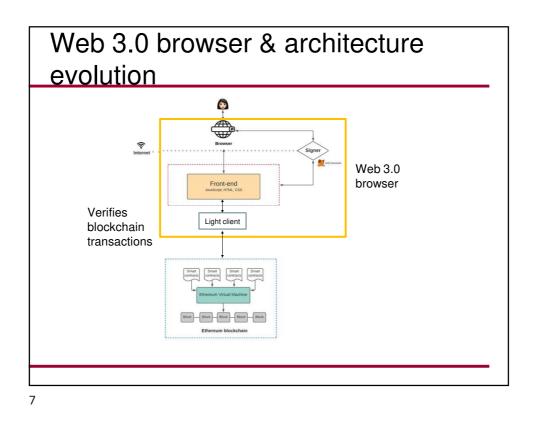


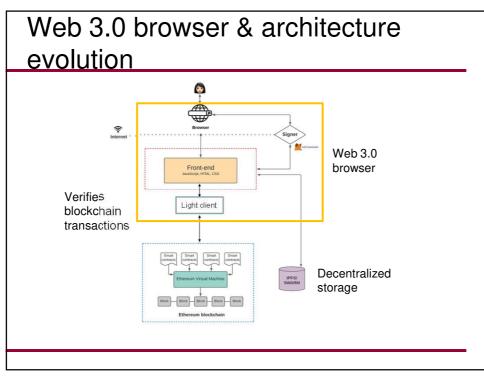


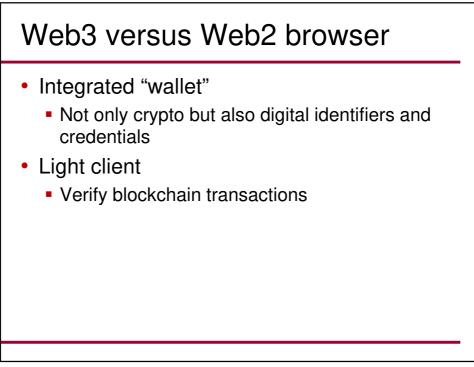




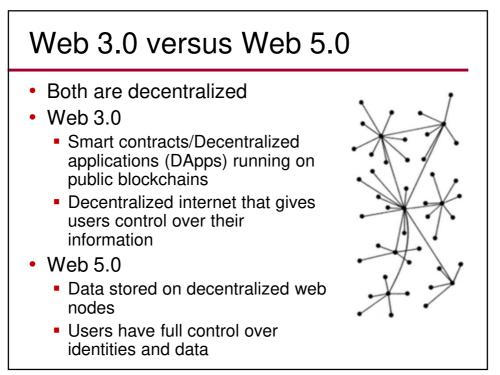




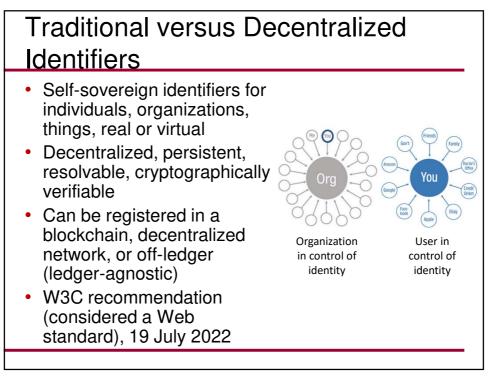


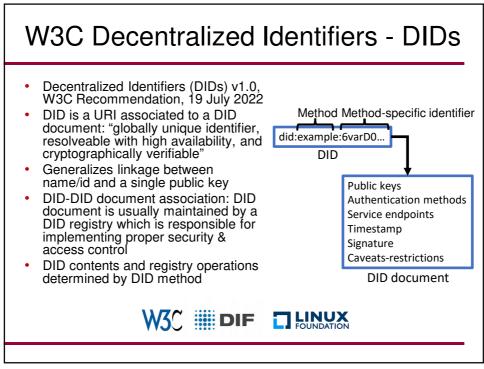


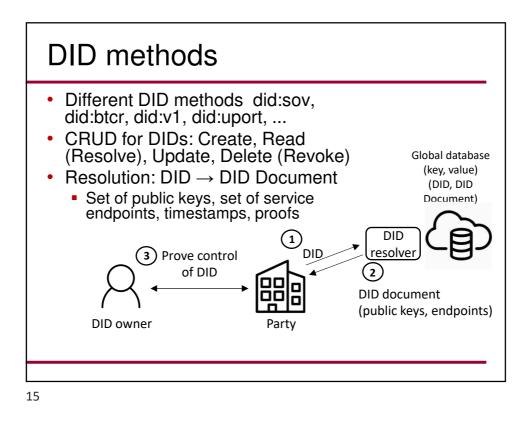
Web 5 Core idea: users have complete control identity and data Introduced by former Twitter CEO Jack Dorsey Key technology Decentralized identifiers (DIDs) Verifiable Credentials (VCs)

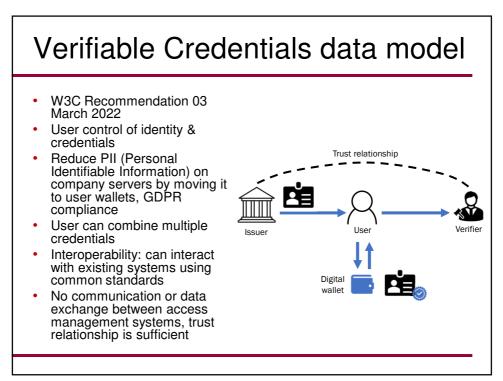


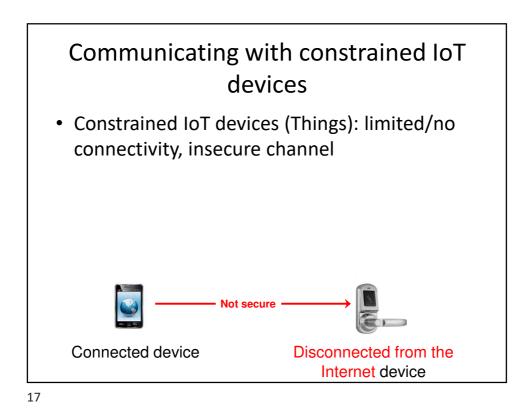
Web 4.0 Does not have single meaning/intepretation More immersive and intuitive user experience Virtual reality and augmented reality technologies Sounds like metaverse

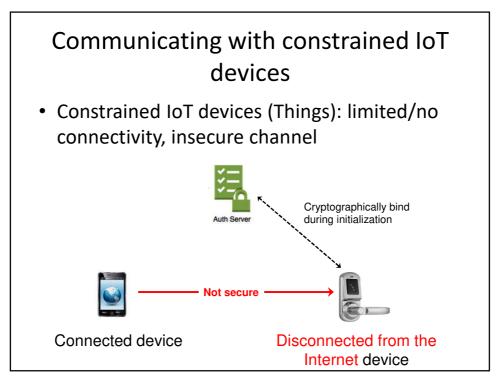


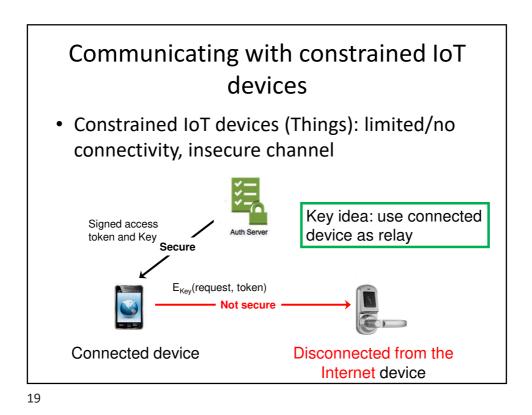


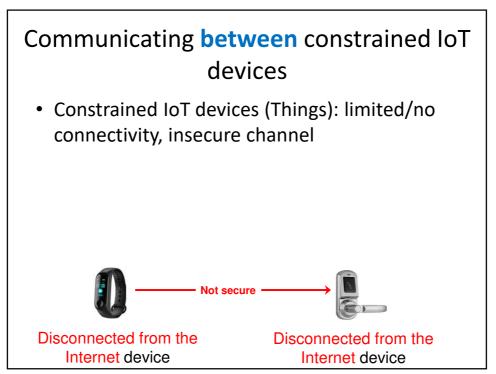


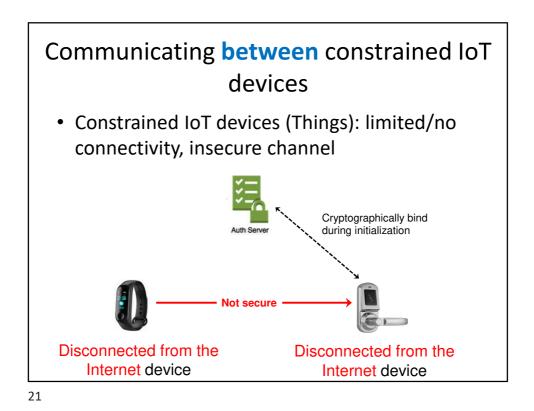












Communicating between constrained IoT devices • Constrained IoT devices (Things): limited/no connectivity, insecure channel Cryptographically bind during initialization Cryptographically bind Disconnected from the Internet device

