Team 3: Ying

The future of the Internet is based on the MobilityFirst architecture in my viewpoint.

Seamless connectivity is important for the universalness usage on mobile devices and the Internet of Things (IoT). Besides the high confidentiality compared with Content centric networking (CCN) and Peer-to-peer overlay-based networking (Ding et al, 2016), Caching is also used by MobilityFirst to enhance network performance. Moreover, MobilityFirst could support seamless connectivity efficiently compared to others.

MobilityFirst network architecture differentiates the human-readable names with corresponding Global Unique Identifiers (GUIDs) and network addresses (NA) (Ding et al, 2016). Breakthrough the limitation of NA to provide new multicast, anycast, multi-path and context-aware services (Ivan, 2011) that support devices with two or more wireless interfaces without the need for extra software, and whole network moves across areas. It supports seamless connectivity for the universalness of mobile devices efficiently, such as the new development trend on autopilot vehicles and drones (Matthew & James, 2022).

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