

MOBILE COMPUTING ARCHITECTURE— AN OVERVIEW

Lesson 03

Mobile Network with Clouds

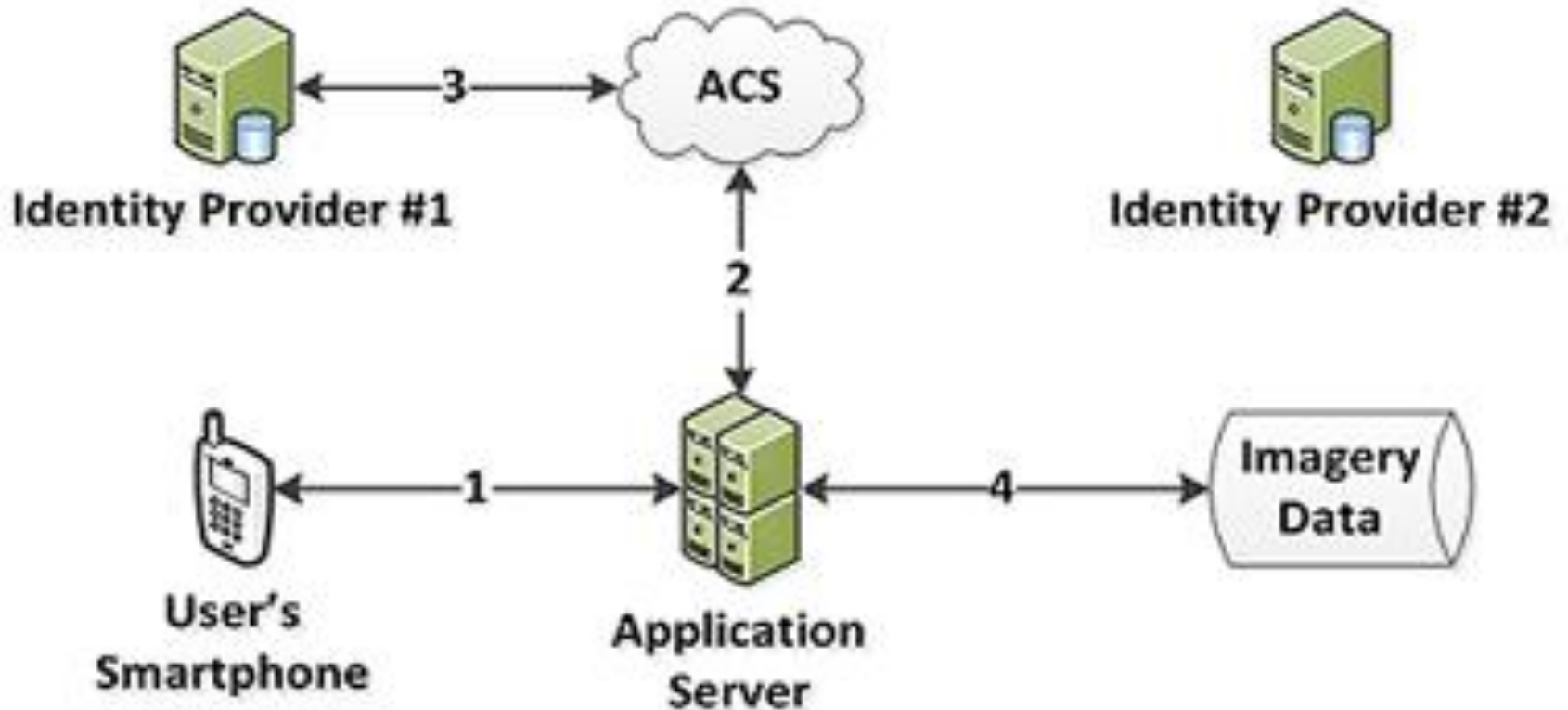
MOBILE CLOUD COMPUTING

- An infrastructure where both the data storage and data processing happen outside of the mobile device.
- The cloud infrastructure of device manufacturer or service provider provides the mobile personal cloud, for example, iCloud

MOBILE CLOUD COMPUTING

- Enables the storage for albums, music, files, and personal documents as well as computing facilities also, for example, MSOffice 365

AN AUTONOMOUS CLOUD SERVICE (ACS) AND MOBILE CLOUD NETWORK



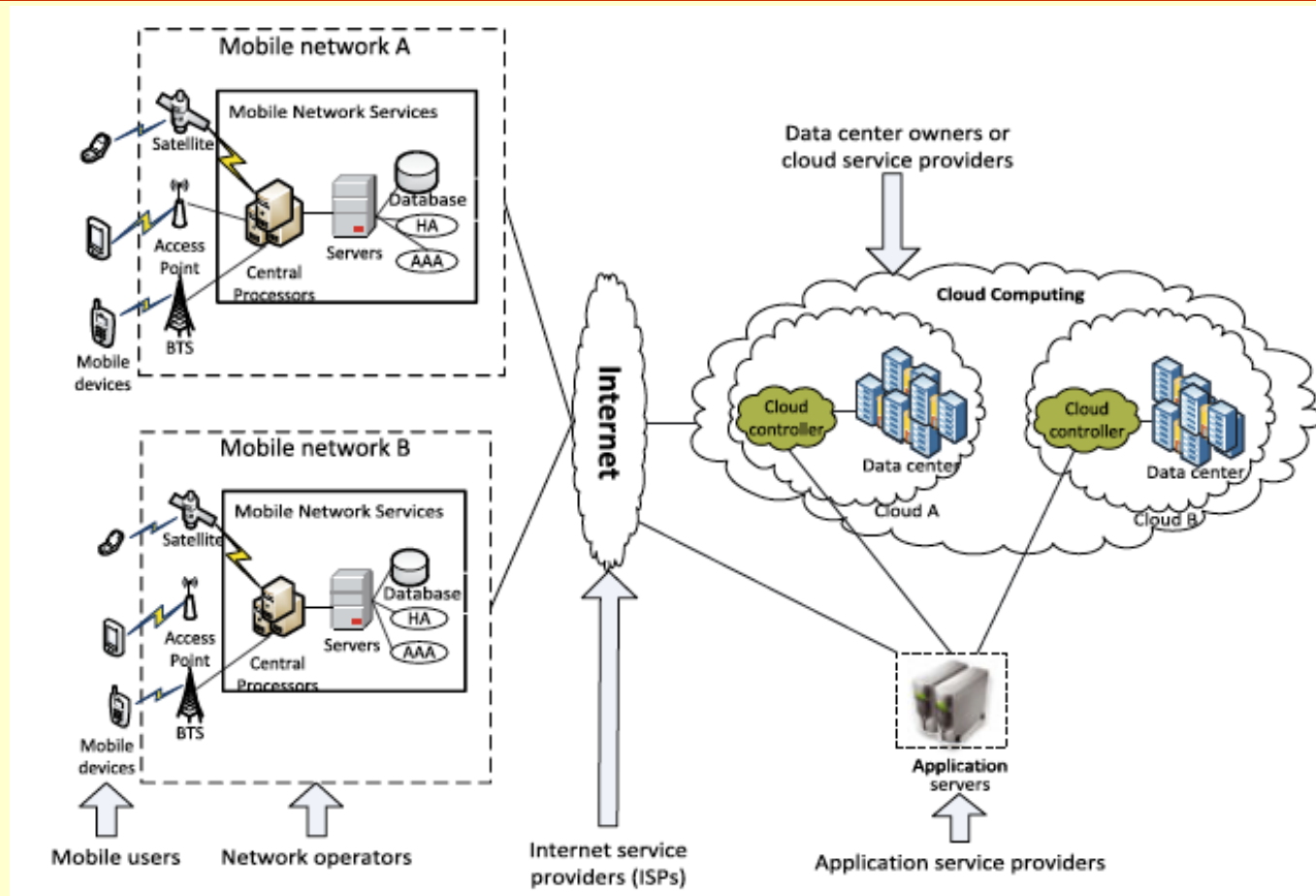
MOBILE CLOUD APPLICATIONS

The computing power and data storage
away from the mobile devices

Powerful and centralized computing
platforms located in clouds

Access to Clouds the wireless connection
based on a thin native client

MOBILE DEVICES AND USERS NETWORKS, AND CLOUDS



Source: <https://www.cs.purdue.edu/homes/bb/cloud/MCC.pptx>

CLOUD SOLUTIONS

- Mobile Cloud network
- Storage and computing, databases and documents
- Business solutions for corporations or enterprises

End of Lesson 03

Mobile Network with Cloud