A REVIEW ON DIGITAL WALLETS AND FEDERATED SERVICE FOR FUTURE OF CLOUD SERVICES IDENTITY MANAGEMENT

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Introduction

- Importance of managing digital identities

- Introduce digital wallets and federated services as solutions

- Increasing concern of managing digital identities

- Challenges of fragmented digital identities

- Digital wallets as a solution

Digital Wallets

- Wallets and their purpose
- How digital wallets empower users
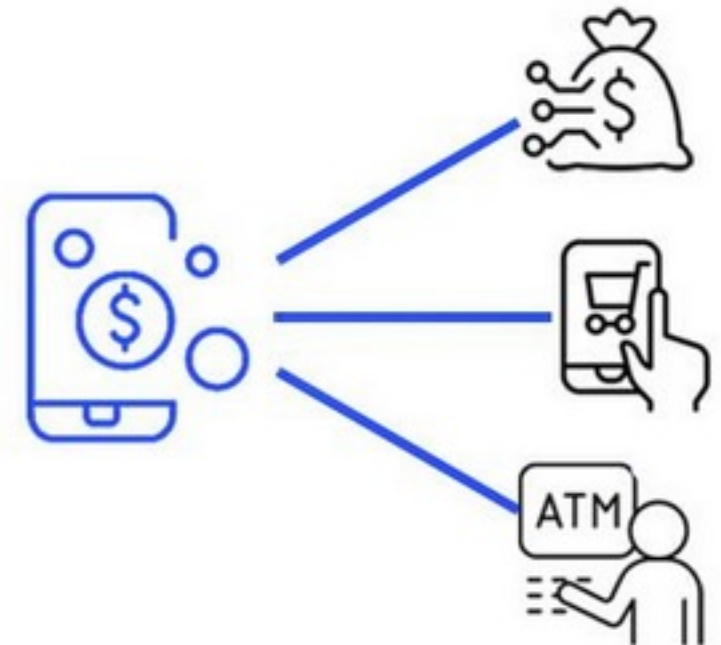- Advantages of using digital wallets

Identity Management Models

Open Wallet Foundation
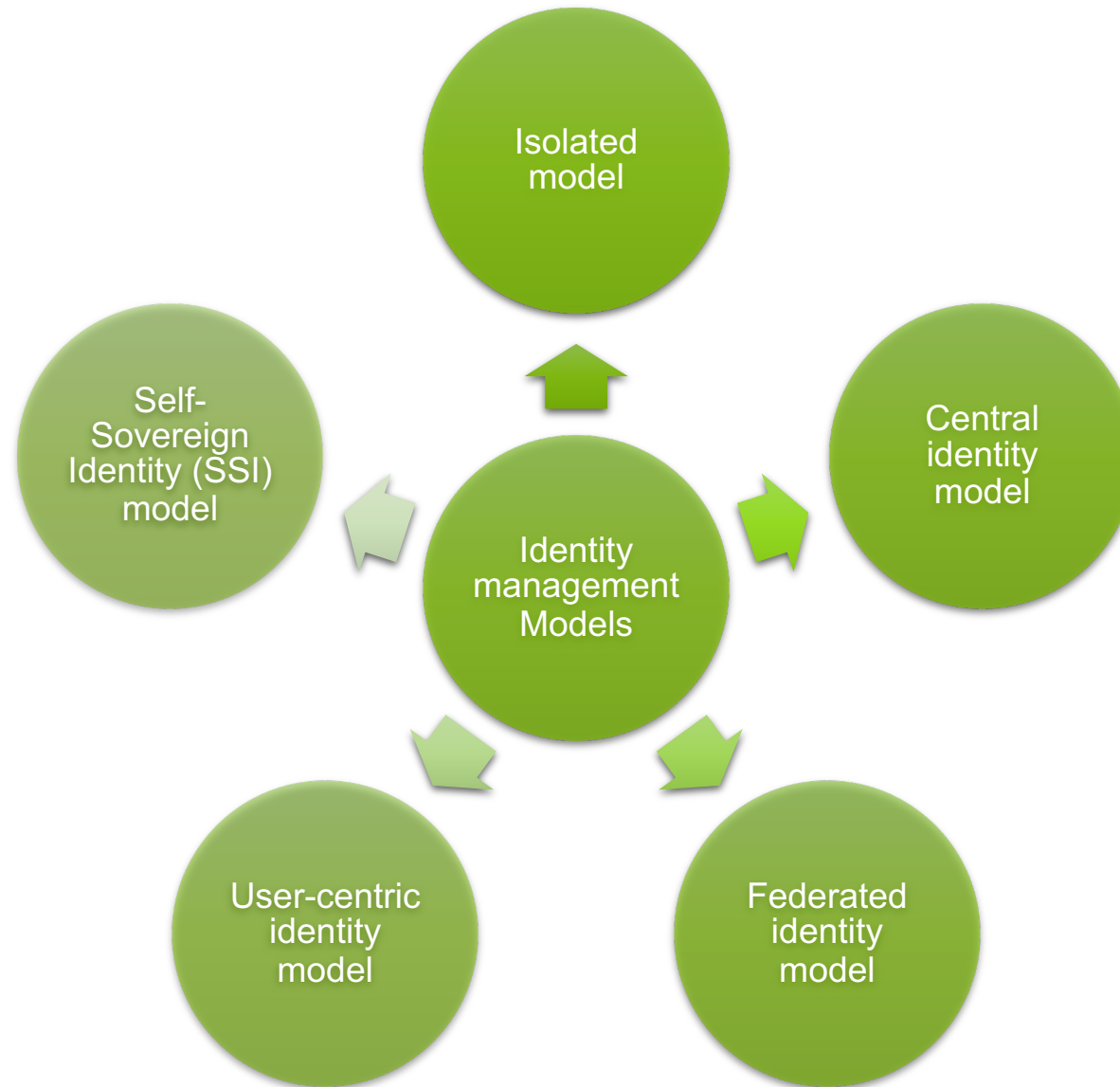
- Concept of the Open Wallet Foundation

- Goals and objectives

- Potential impact of the foundation

Federated Services

- Federated services and their role in identity management

- Concept of federated catalogues

- Benefits of integrating wallets with federated catalogues

- Gaia-X as a federated service initiative

- Using Gaia-X for identity management

Identity Wallets for Cloud Services
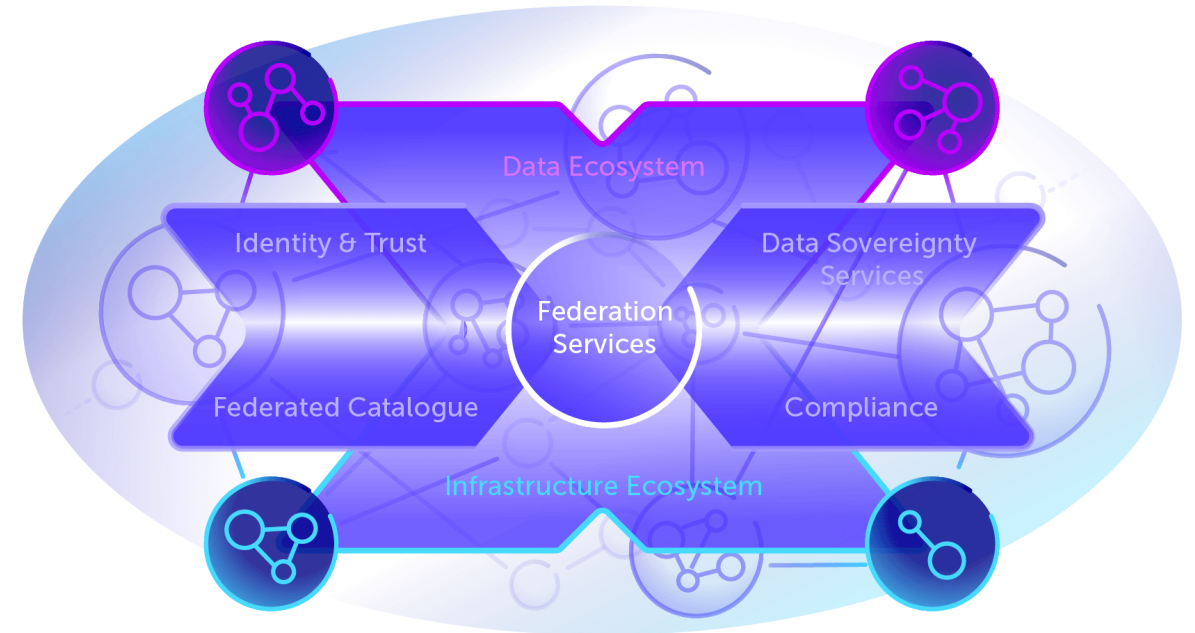
- Secure storage of identity-related data

- Effective management of identity-related data

- Secure sharing of identity-related data

- Secure storage of cryptographic material

- Combining identity data before sharing

- Categorization of identities for different cloud services
    - User identities
   - Service identities
    - Device identities

Benefits of Digital Wallets for Identity Management in the Cloud

- Convenience and centralized management
- Enhanced security
- User control and selective sharing
- Integration with federated identity management

Challenges in Implementing Identity Wallets for Future Clouds

- Security and privacy concerns

- Interoperability and standardization

- User adoption and education
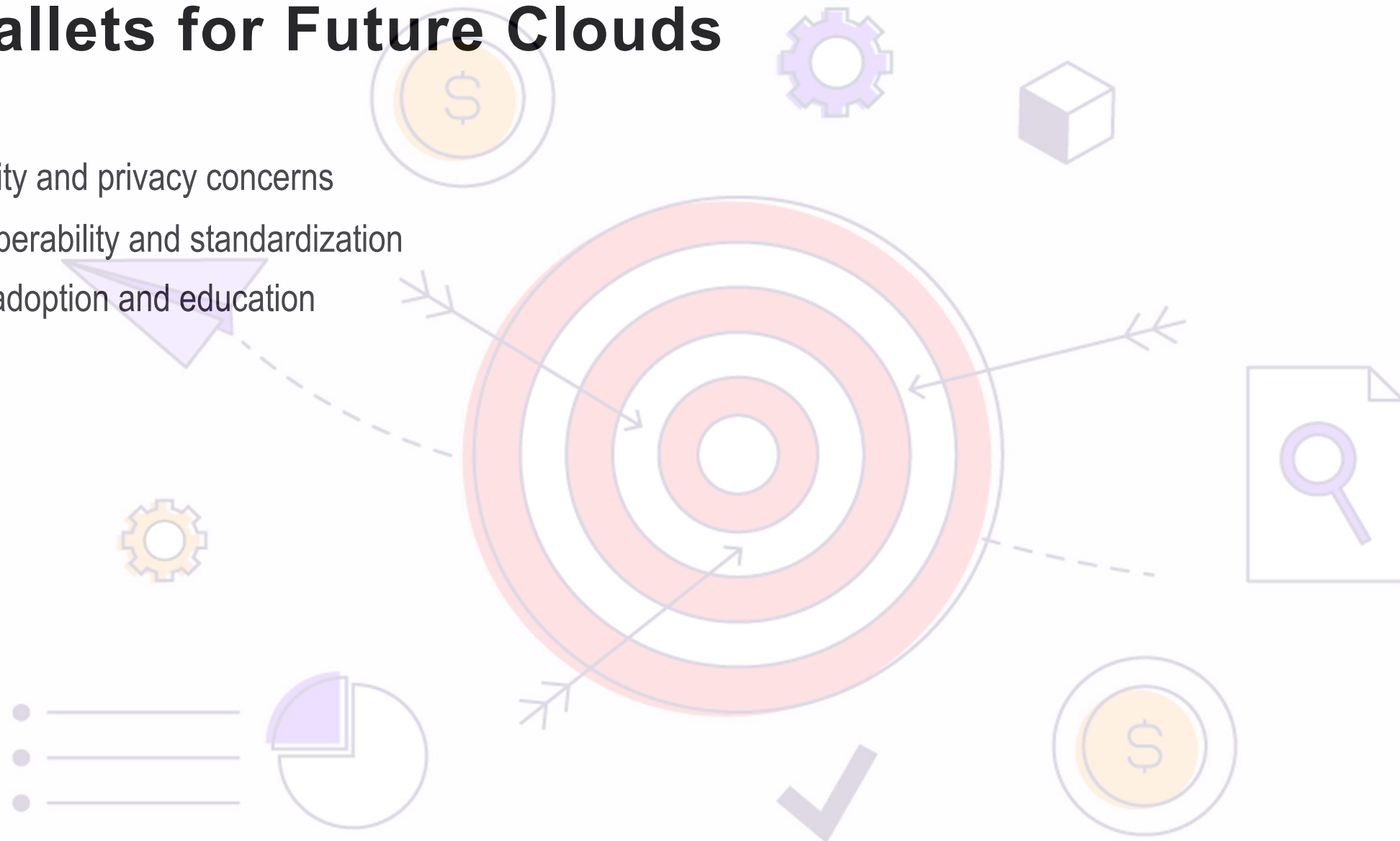
Thank you!

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