



FreeIPA

Open Source Identity Management

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2018-07-04

Workshop goals

- Understand high-level architecture of FreeIPA
- Get experience, become comfortable with...
 - deploying FreeIPA
 - enrolling clients
 - managing users, services, access policies
 - using IPA for web authnz

Workshop outline

- Brief overview of FreeIPA architecture
- Set up Vagrant environment
- Workshop curriculum
 - Install server
 - Enrol client machine
 - User management
 - Host-based Access Control (HBAC)
 - Web app authnz using FreeIPA
 - ... and more!

Identity Management & FreeIPA

What is Identity Management?

- Define users, hosts, services, access policies
- **Authentication** and **authorisation** mechanisms
- Increase **security** and **productivity**
- Reduce **cost** and **risk**

Included technologies

- **LDAP** (directory services)
- **Kerberos** (authentication)
- **X.509** (digital certificates)
- **DNS** (service discovery, host identity)



FreeIPA

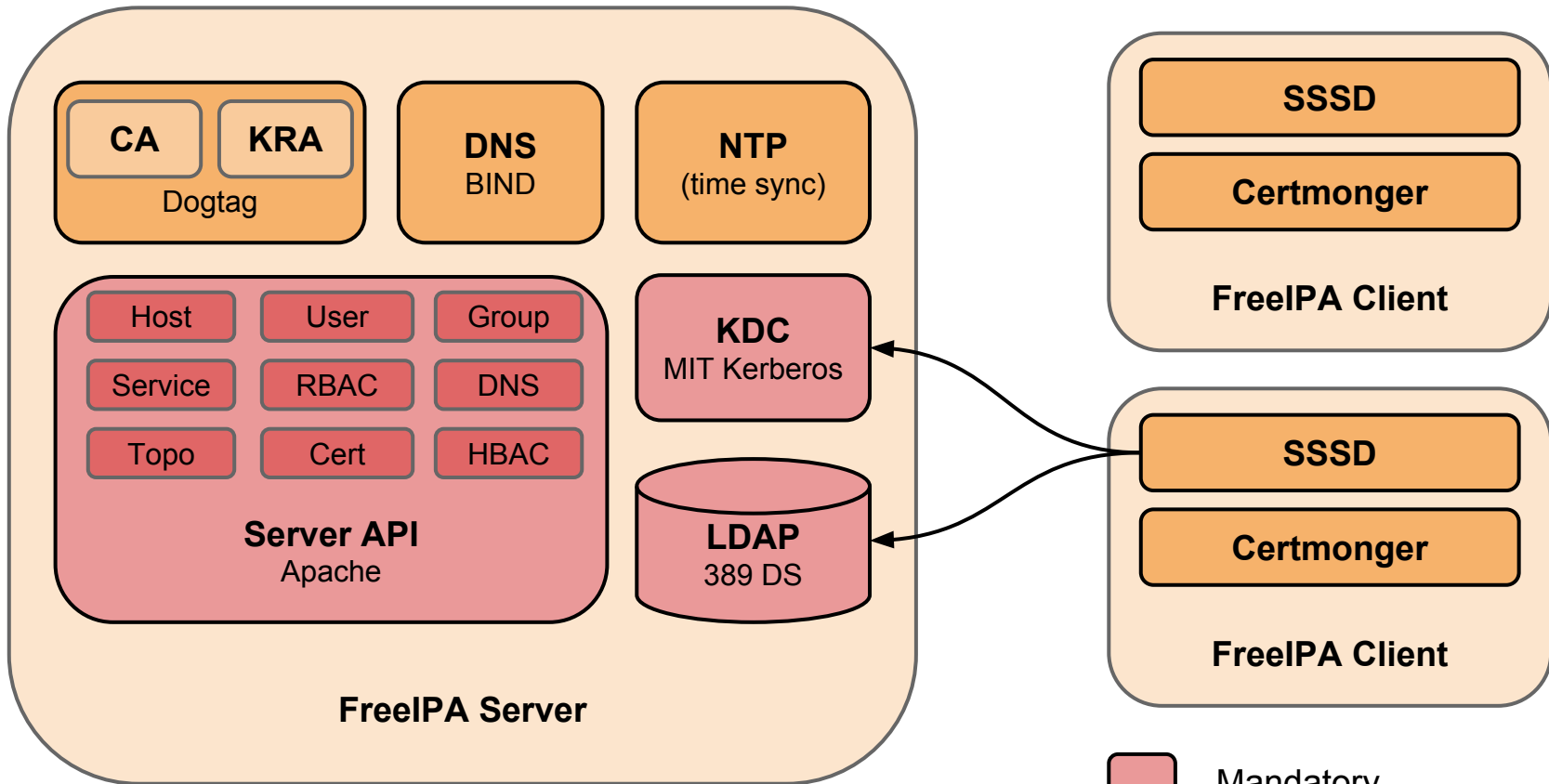
Open Source Identity Management Solution

- Open Source identity management solution
- Integrate with Windows environments via **trusts**
- Fedora, RHEL, CentOS, Ubuntu

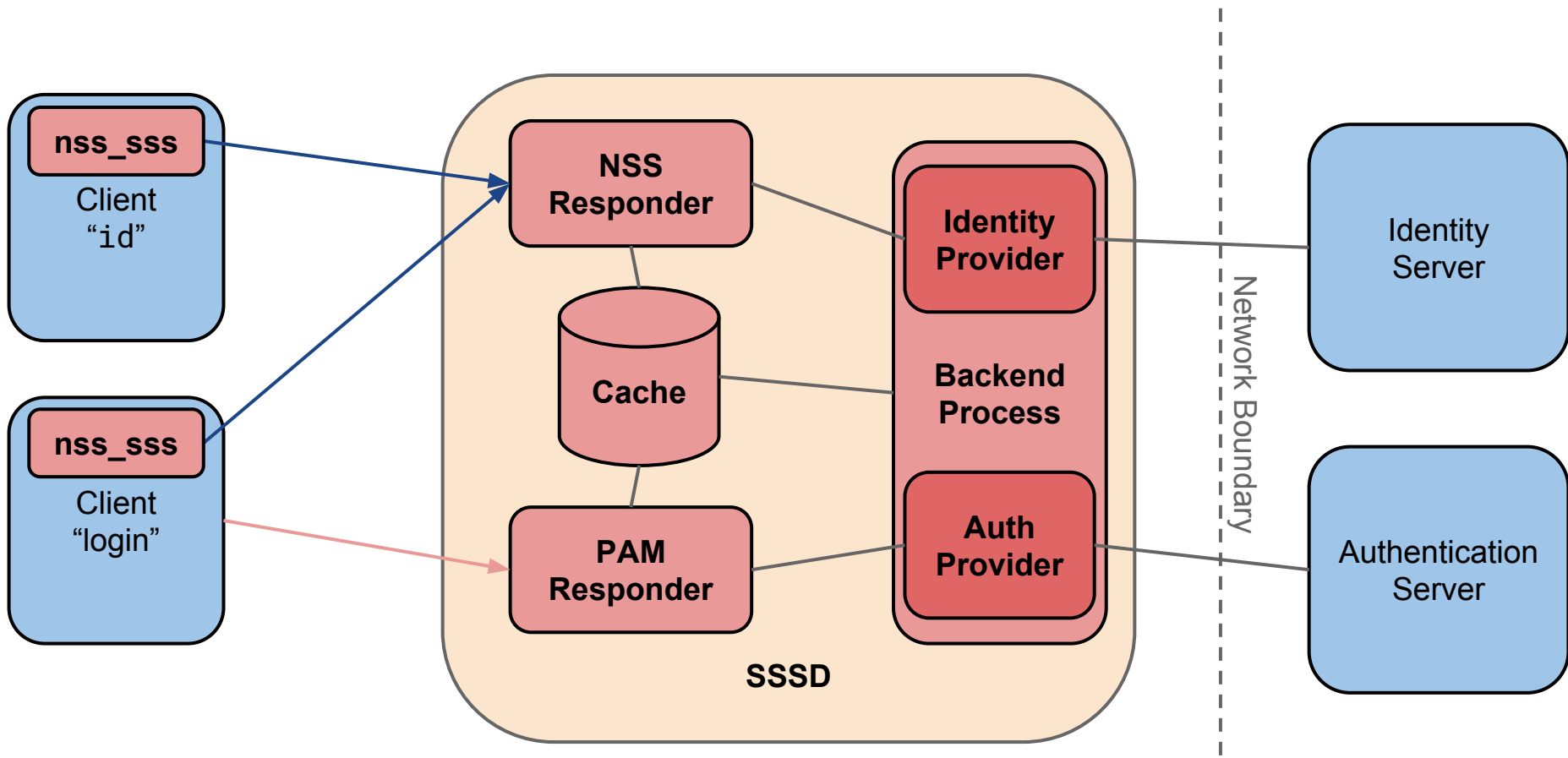
Components

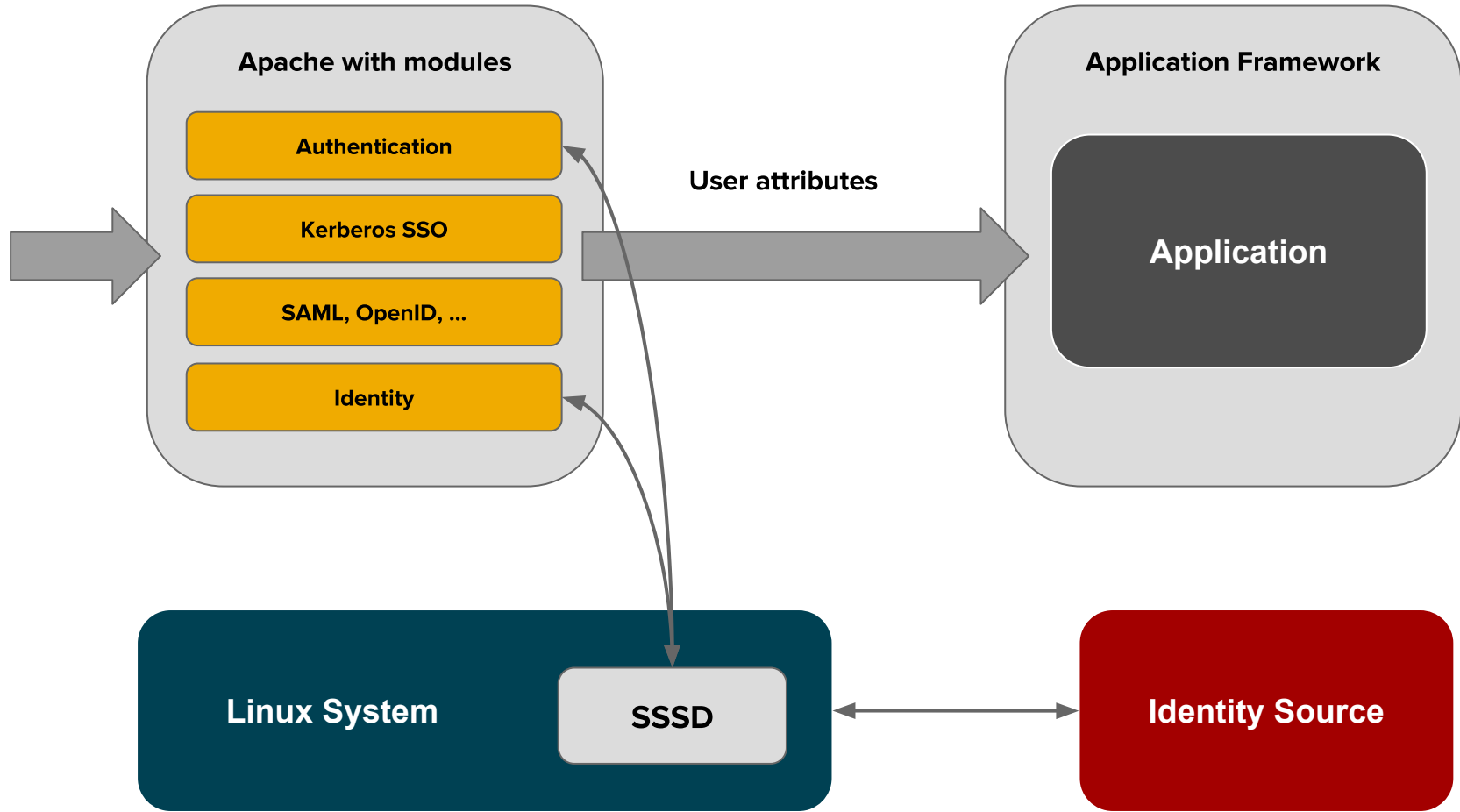
- MIT Kerberos
- 389 DS
- BIND DNS
- Dogtag PKI
- SSSD (client)

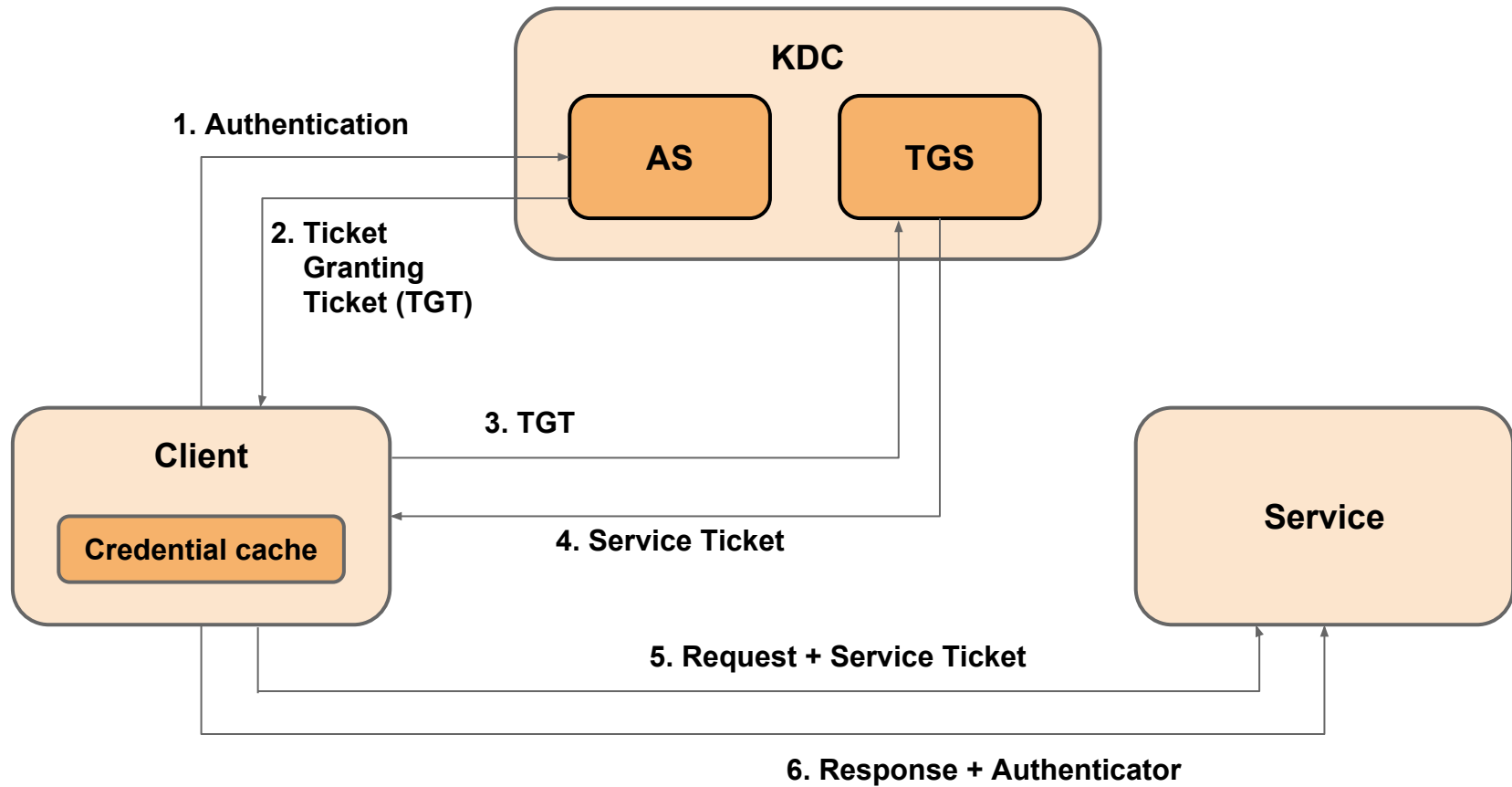




- Mandatory
- Optional







Workshop time!

Resources

- freeipa-users@lists.fedorahosted.org
- #freeipa #sssd
- Blogs: <http://planet.freeipa.org/>
- <https://github.com/freeipa>



THANK YOU

Cross Forest Trust

