Client Side Samba

Linux Clients in Microsoft Windows Environments

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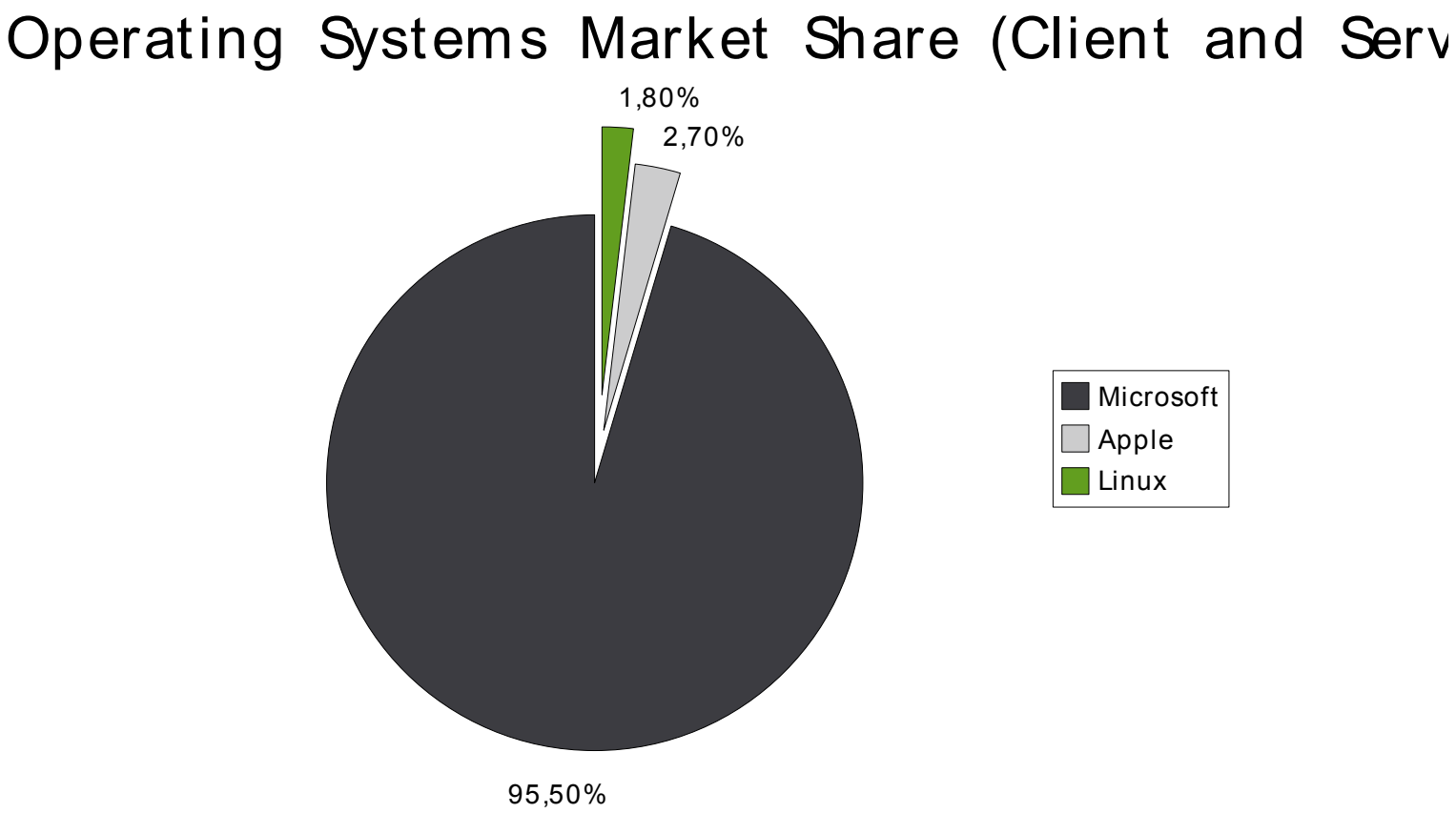
Motivation



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Mandatory Requirements Overview

- Domain join
- Single Sign On Authentication
- Name Service Switch (NSS)
- X11 Display Manager integration (KDM, GDM)

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Mandatory Requirement Authentication

- Seamless PAM Integration
  - Let PAM winbind behave like other PAM modules
  - Mapping Microsoft to PAM error messages and codes
- Kerberized PAM Winbind
  - Automatic ticket refresh and renew
- Account Policies
  - Password
  - Logon hours
  - Lockout

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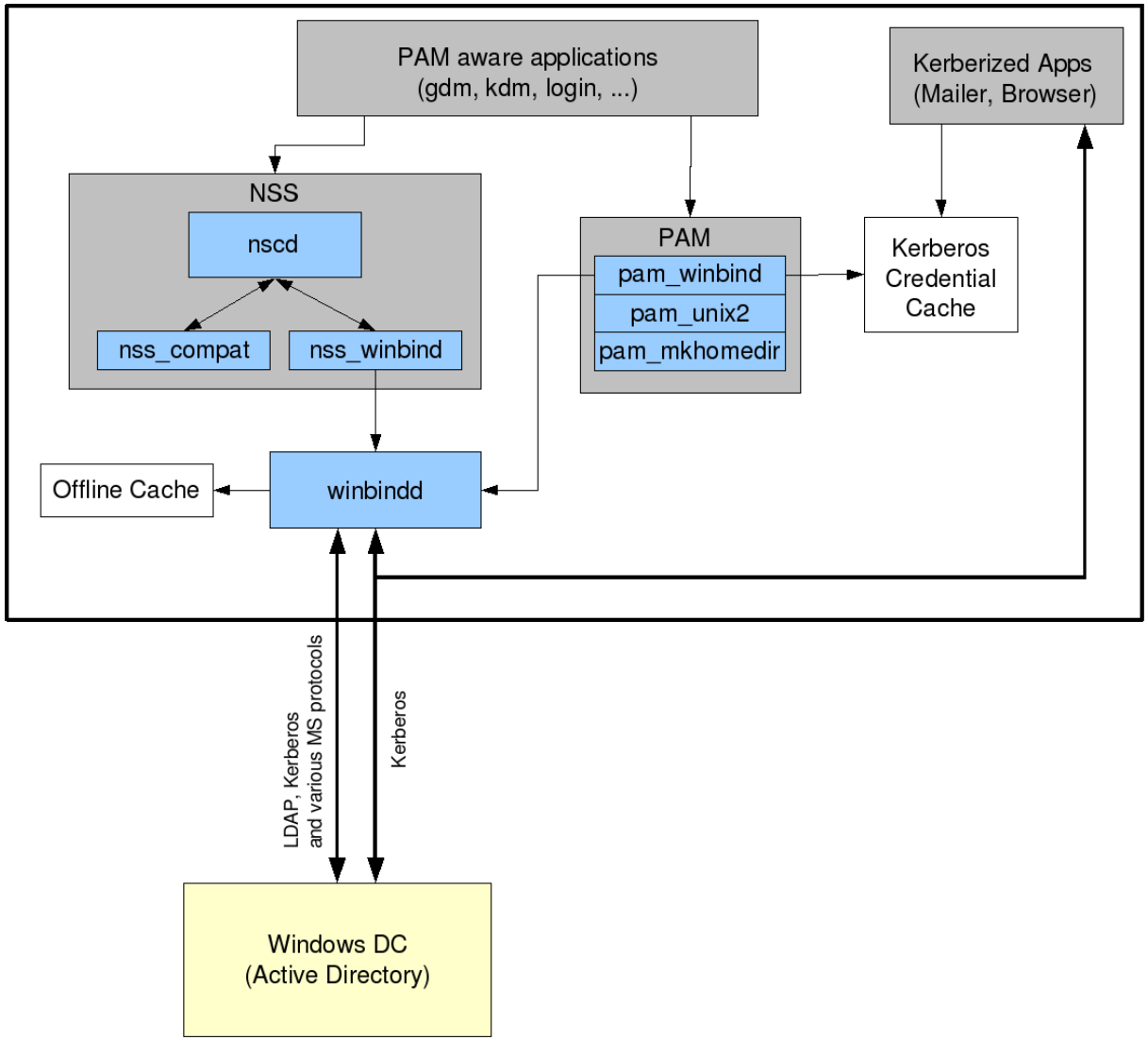
Architecture Overview



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Supplementary Requirements

- Winbind Offline mode
- Kerberized Client Applications
  - web browsers (konqueror, FireFox)
  - MUA (KMail)
- File Access
  - libsmbclient using apps (konqueror, nautilus)
  - CIFS system wide?
- Printing

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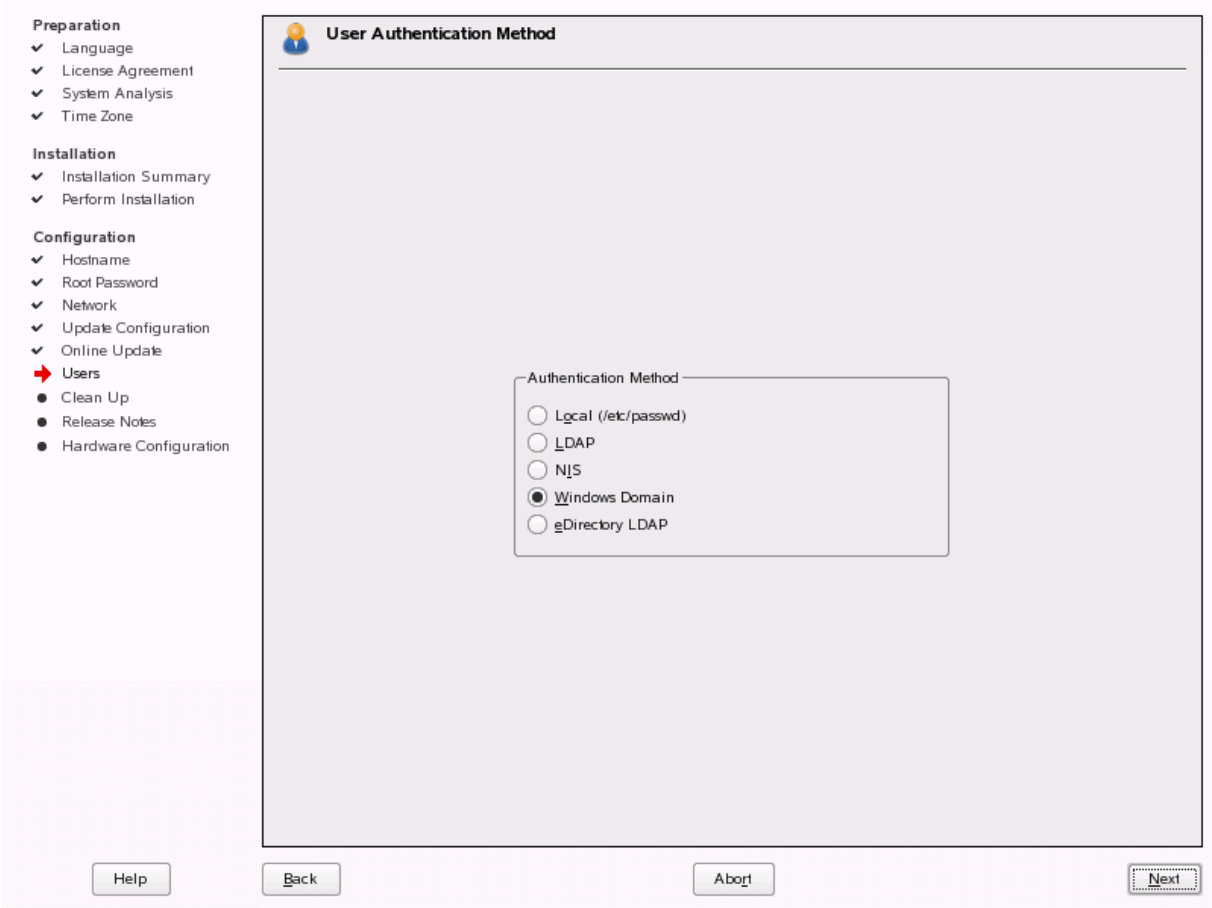
YaST Integration (1)



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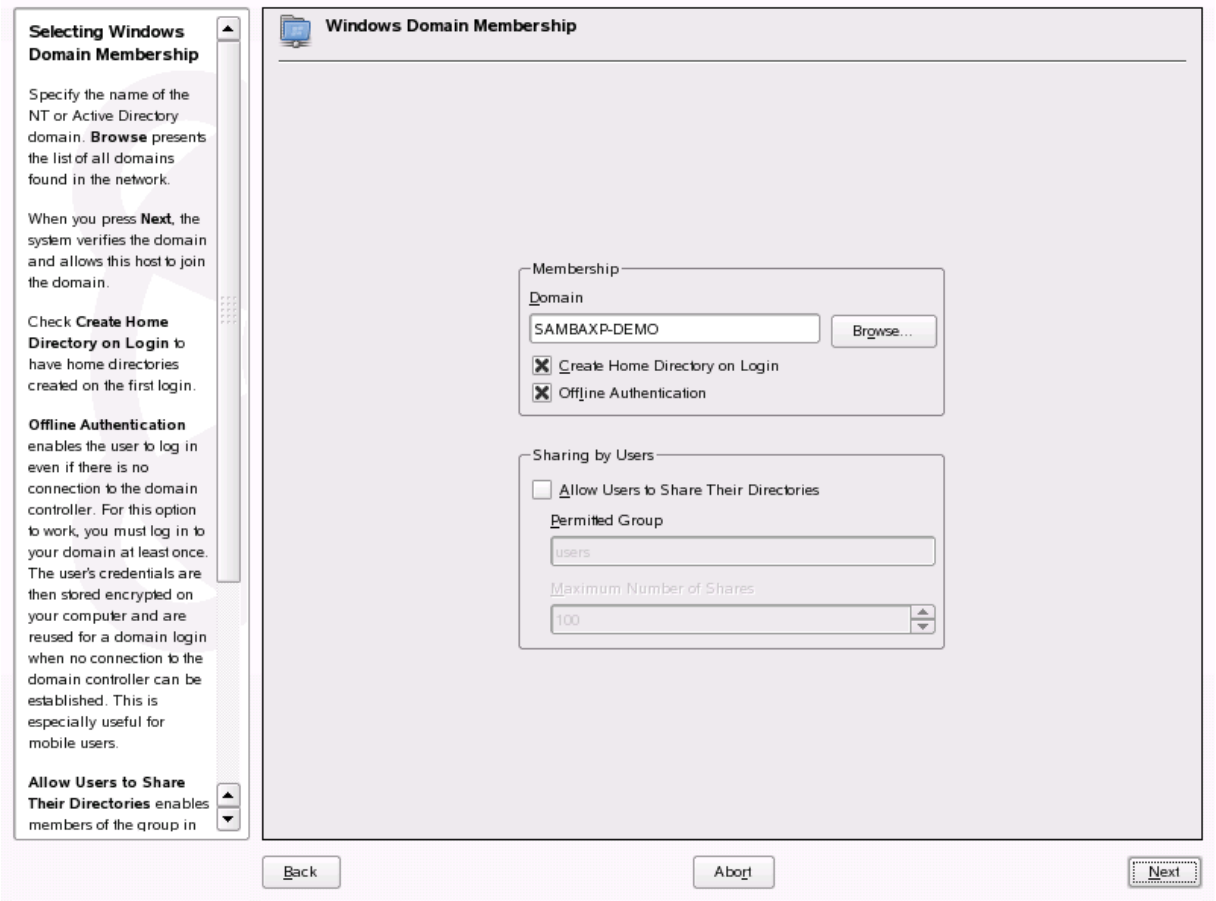
YaST Integration (2)



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Samba Winbind AD Integration Demo

To do

- Acessing CIFS Home Directory
- Machine Account Password Changes
- Localisation
- GUI integration for Services For UNIX (SFU)
- Group Policy Support (GPO)
- Roaming Profiles
- Logon Scripts

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Available Resources

- SUSE Linux Enterprise Desktop 10
- http://openSUSE.org/Samba
- Samba.org samba-docs subversion

Questions & Answers

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