WORKING WITH OTHER SYSTEMS

OBJECTIVE

- Discuss what Linux systems may connect to
- Discuss what purpose system administrators may have for supporting other systems
- Understand why Linux is an integral part of the entire enterprise

IT'S NOT ALL ABOUT LINUX

- You can have just Linux in your environment
- Traditionally, you won't be able to just have Linux however
- Linux does not do well at everything
  - Desktop environment in an enterprise
  - Windows applications

AUTHENTICATION

- Linux may be joined to an Active Directory domain
- This serves the following purposes:
  - Security
  - File Sharing
  - Trust

LINUX AND AD

- Linux can be authenticated to the domain in three different ways:
  - LDAP
  - AD to LDAP
  - AD to LDAP and Kerberos
- Installation may be complicated
  - SAMBA
  - PAM
  - WinBind

WHY DO THIS?

- In an AD environment, authentication is necessary
- Auditing is necessary
- Local accounts should never be used

LDAP FOR CUSTOM SYSTEMS

- Linux installations may use third party open source for software
- Software may require authentication
- LDAP is typically used

CONCLUSION

- While Linux can stand on its own, in an enterprise, integration is necessary
- Security is a major consideration