

Active Directory Organizational Units



BY BRYCE FURROW AND RODERICK OLIVER

What is Active Directory?

- key Microsoft directory service
- Allows for...
 - structure
 - full view and control
 - ease of access and alteration to all elements within

How Does It Work?



Benefits of Active Directory

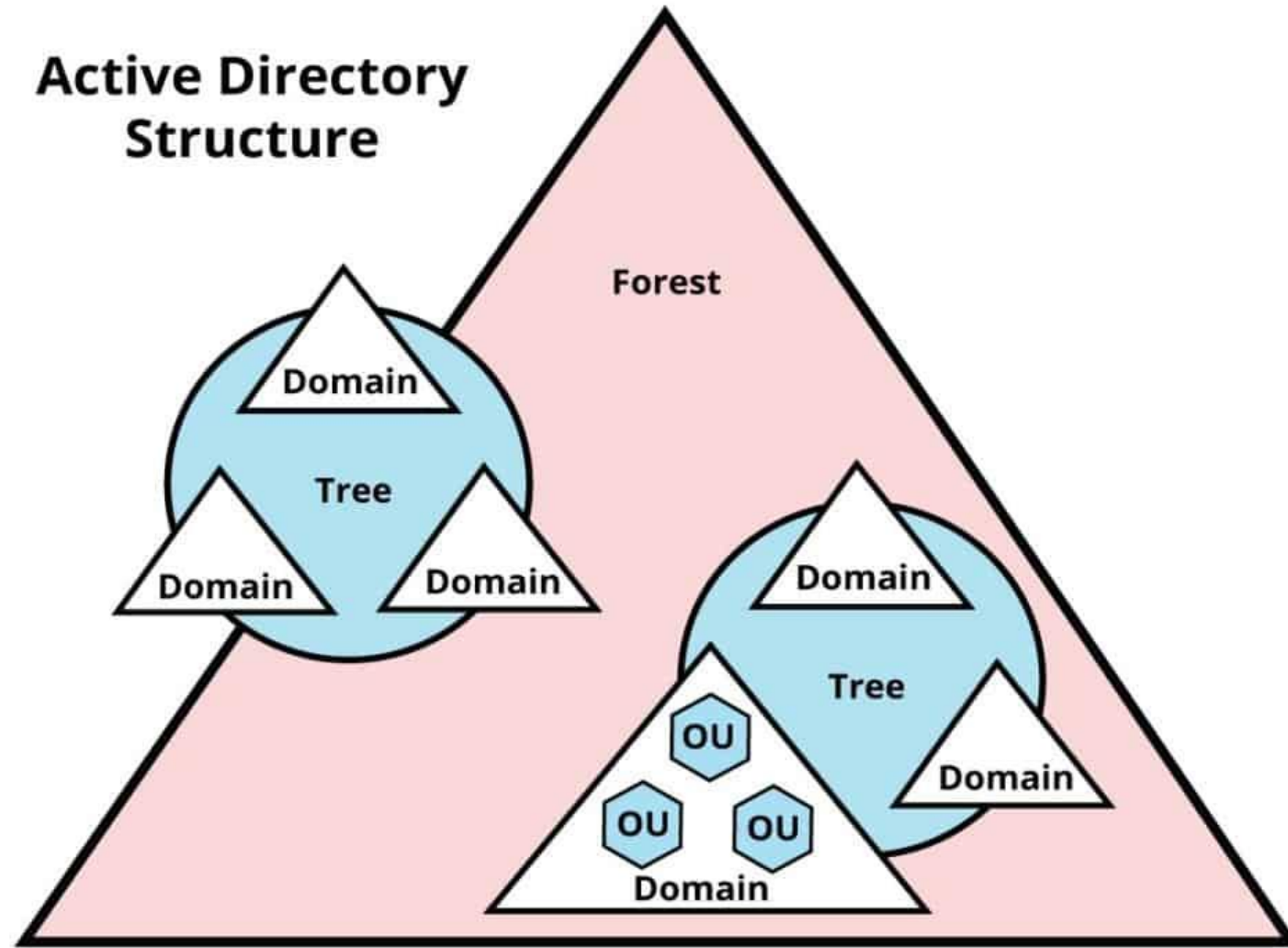
- full network control
- improved cybersecurity
- easier cybersecurity improvement
- easy to create system-wide changes on all devices
- easier collaboration

Organizational Units

- act as containers with controls
- contains groups, service accounts, computer accounts, user accounts, and even other containers
- 3 uses:
 - Storage
 - Tiered administration
 - Policies applied to all objects

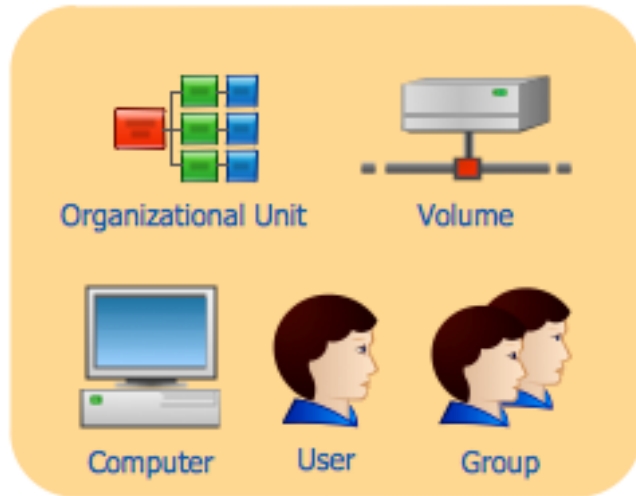
Where Do They Fit In?

Active Directory Structure

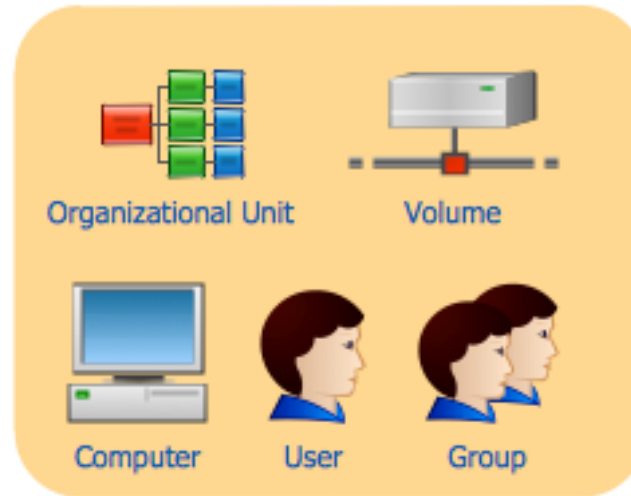


Where Do They Fit In? (2)

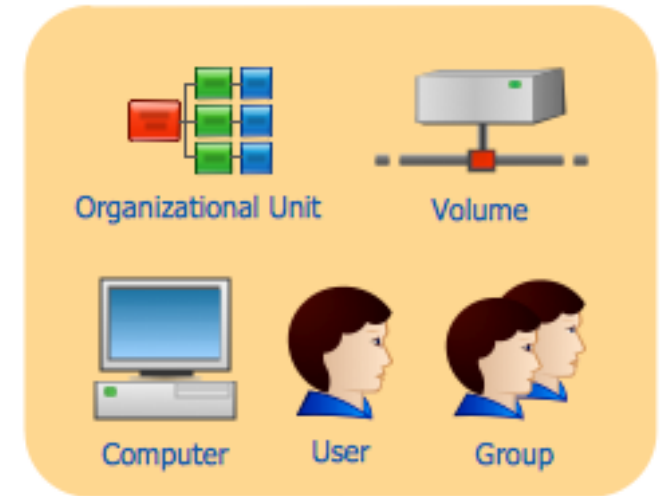
Client 1
Organizational Unit



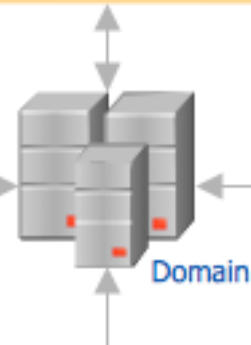
Client 2
Organizational Unit



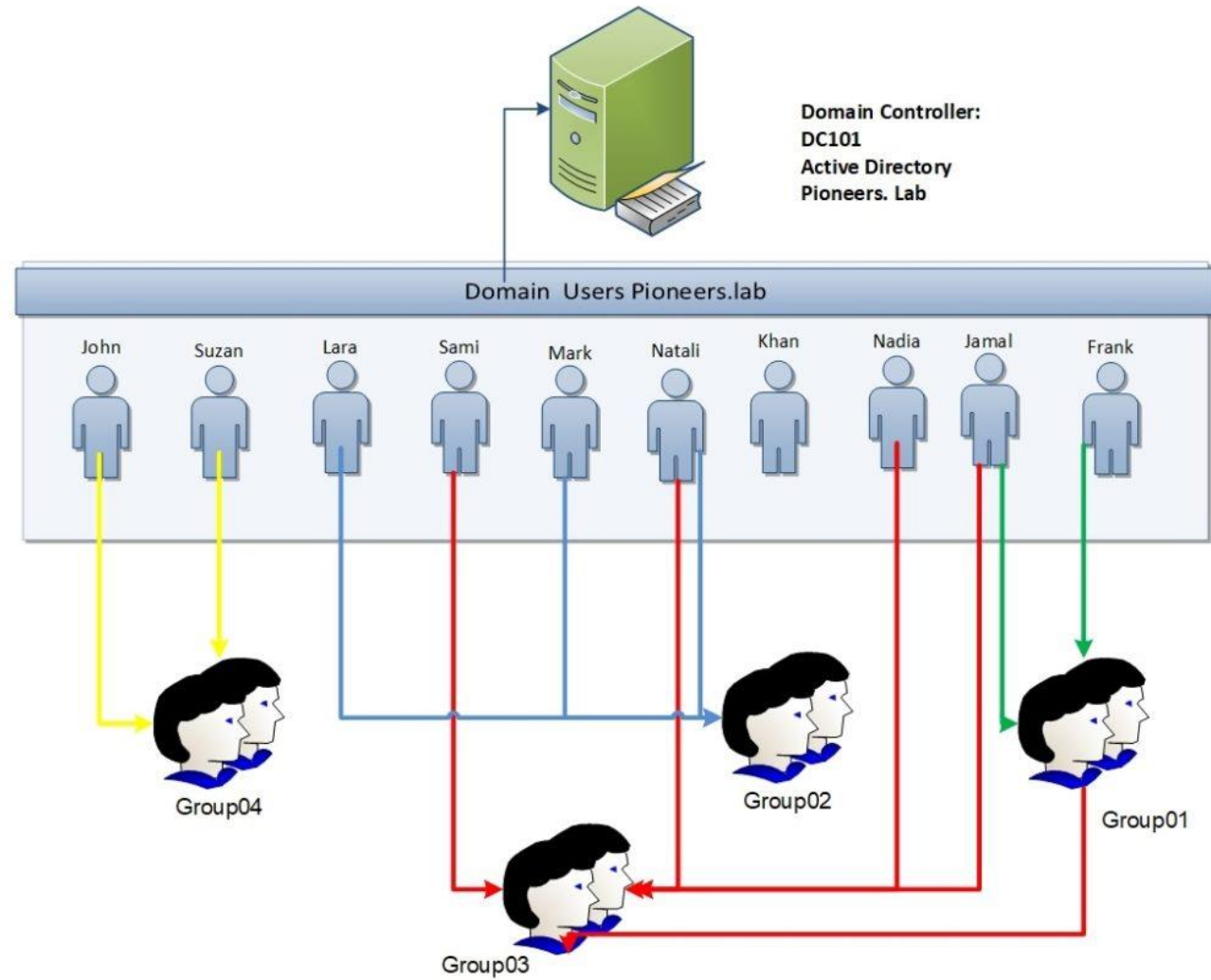
Client 3
Organizational Unit



PDC/
Active Directory

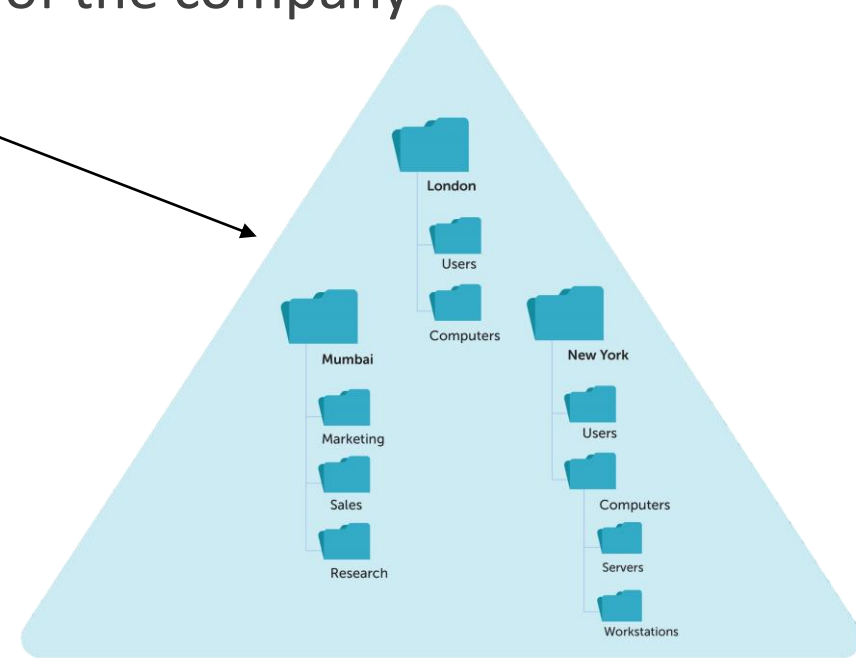


Where Do They Fit In? (Extra)



Capabilities and Strategies in Design

- 3 designs in business:
 - Functional/divisional – based on functional sections of the company
 - Geographical – based on locations of the company
 - Object-based – based on object types
- combinable, not absolute



Design Strategy Questions

There are many, but the mindset is
important for Active Directory and
more...

References

- <https://www.quest.com/solutions/active-directory/what-is-active-directory.aspx>
- <https://www.windows-active-directory.com/active-directory-ad-fundamentals.html>
- <https://www.paessler.com/it-explained/active-directory>
- <https://vapour-apps.com/active-directory-benefits/>
- <https://theitbros.com/active-directory-organizational-unit-ou/>
- <https://docs.microsoft.com/en-us/azure/active-directory-domain-services/create-ou>
- <https://www.windows-active-directory.com/the-structures-and-benefits-of-organizational-units.html>

- <https://www.pcworld.com/active-directory-guide>
- <https://www.conceptdraw.com/How-To-Guide/active-directory-diagram>
- <https://www.net-pioneers.com/active-directory-groups/>

Onto the Assignment...

