

First Principles: Least Privilege and Resource Encapsulation

1. Time: 1pm-4pm
2. Lecture: No lecture
3. Activities
 - a. Activity: Installing active directory on the Windows Server
 - i. Reference: <https://www.youtube.com/watch?v=-BqNC3s5-ec>
 - b. Activity: Finding all of the user accounts on the Windows computers
 - i. Discussion of local user accounts vs domain user accounts
 - c. Activity: Creating a new account on the Windows Server for each user per provided specifications
 - d. Activity: Adding Windows computers to active directory
 - i. <https://www.youtube.com/watch?v=w8LRLkdWwc4>
 - e. Activity: Organizing computers and groups into OUs.
 - i. <https://www.youtube.com/watch?v=eRnkHb2UaVE>
 - f. Activity: Restricting access of users to computers
 - i. <https://www.youtube.com/watch?v=Xwg5mPVi5Sk>
 - g. Activity: Delete local accounts
 - h. Verifying that single sign-on works and that restrictions work
 - i. Try accessing a single domain user account on multiple systems
 - ii. Try accessing a domain user account on systems they don't have access to
 - iii. Try accessing a local account that should have been deleted