Rodrigo Brasil 10/2023

1. **What exactly is “Active Directory” and are the key services it provides?**
   1. Active Directory (AD) is a directory service and identity management system developed by Microsoft. Some key services it provides are Directory Services, Security Policies, Group Management, DNS Integration and others.
2. **What are the differences between a domain, forest, and tree in Active Directory?**
   1. The differences are a domain is the fundamental unit of an Active Directory structure, A tree is a collection of one or more domains and a forest is a collection of one or more domain trees.
3. **How can objects (e.g. users, devices) within a domain be grouped?**
   1. They can be grouped using several mechanisms such as Security groups which are used for managing access control to resources, distribution groups which are typically used for email distribution lists.
4. **Explain the benefits of Active Directory, as you would to a family member.**
   1. Active Directory is like having one big calendar that everyone in the family can use. Instead of having separate calendars on different devices, we have one central calendar for the whole family. In the calendar, each family member has their own color and username. This makes it easy to see who's doing what. It's like knowing who has a dentist appointment and who has soccer practice. We can decide who can see our calendar and what parts they can see. For example, we can share our school events with Mom and Dad, but not our secret playdates. So, just like our family calendar helps us stay organized and share important dates, Active Directory helps computers and devices in a network work together, stay secure, and follow the rules.