Installing NetBIOS Enumerator.

NetBIOS is an acronym that stands for Network Basic Input Output System. It enables computer communication over a LAN and the sharing of files and printers. TCP/IP network devices are identified using NetBIOS names (Windows). It must be network-unique and limited to 16 characters, with 15 reserved for the device name and the 16th reserved for identifying the type of service running or name record type.

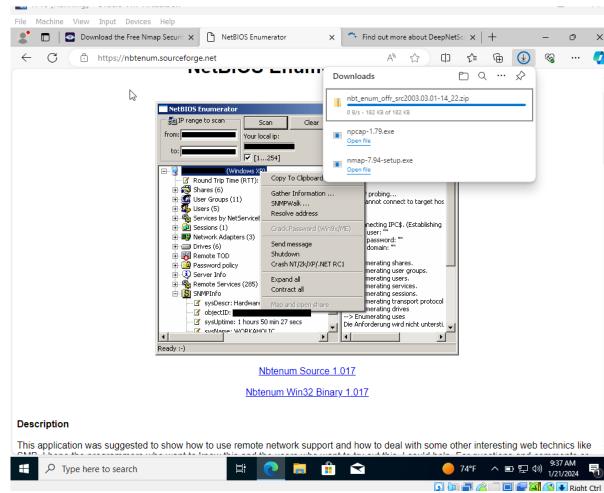
Uses of NetBIOS Enumeration:

An attacker who discovers a Windows OS with port 139 open can investigate what resources are accessible or viewable on the remote system. To enumerate the NetBIOS names, the remote system must have file and printer sharing enabled. Depending on the availability of shares, NetBIOS enumeration may allow an attacker to read or write to the remote computer system or launch a (Dos).

NetBIOS Enumeration Tools:

NetBIOS's enumeration tools explore and scan the network for security loopholes or flaws in networked systems within a given range of IP addresses and computer lists. In addition, these tools list the operating system, users, password policies, groups, service packs and hotfixes, services, NetBIOS shares, discs, transmits, sessions, SIDs and security event logs.

Reference: https://www.geeksforgeeks.org/what-is-netbios-enumeration/



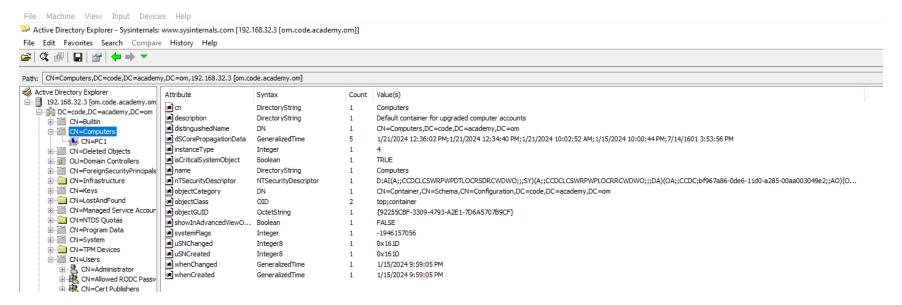
Installing Active Directory Explorer

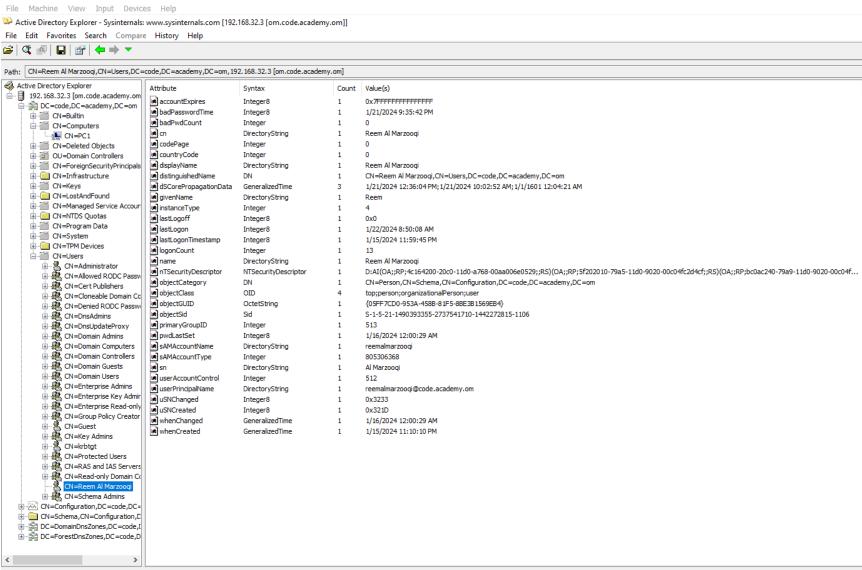
Active Directory Explorer (AD Explorer) is an advanced Active Directory (AD) viewer and editor. You can use AD Explorer to easily navigate an AD database, define favorite locations, view object properties and attributes without having to open dialog boxes, edit permissions, view an object's schema, and execute sophisticated searches that you can save and re-execute.

AD Explorer also includes the ability to save snapshots of an AD database for off-line viewing and comparisons. When you load a saved snapshot, you can navigate and explore it as you would a live database. If you have two snapshots of an AD database you can use AD Explorer's comparison functionality to see what objects, attributes and security permissions changed between them.

Reference: https://learn.microsoft.com/en-us/sysinternals/downloads/adexplorer

Note: installed the software in Windows 10 Added to the Domain. Checked the following: Computers, Users, Domain Zones, Forests.





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