91.1 - ldapdomaindump - Domain Enumeration

We have used this tool before. We used to perform the IPv6 Relay Attack.

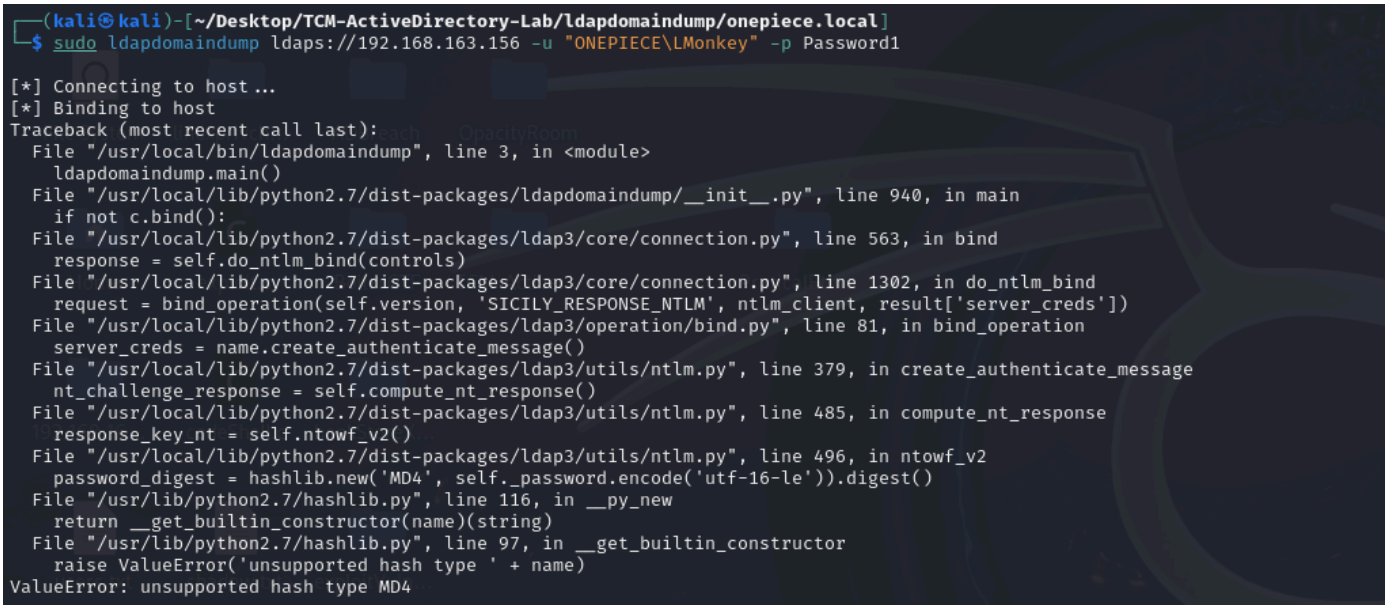
If IPv6 is not possible in the network, this tool will help us with other attacks.

To run this tool in such scenario, we can run this tool as follows:

1 - Create a directory

2 - cd into it

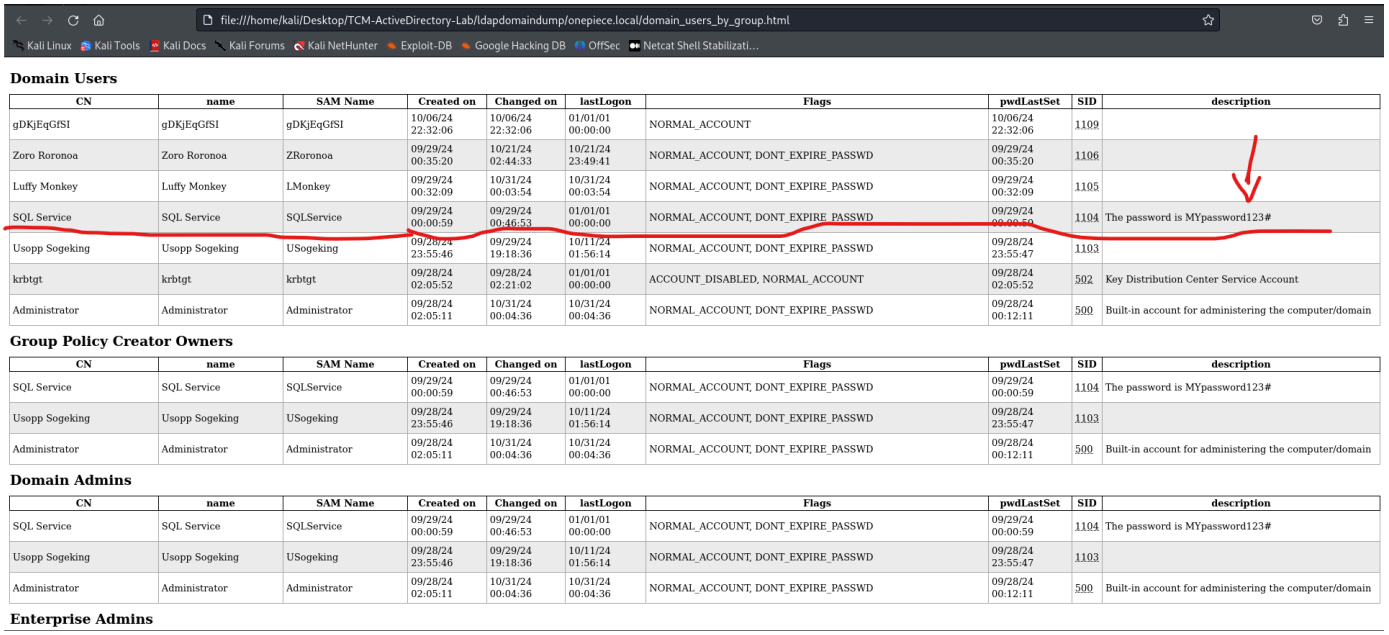
3 - Run: "#sudo ldapdomaindump ldaps://DC_IP -u "ONEPIECE\LMonkey" -p Password1" If we want to output to a specific folder we can use "-o PATH/TO/DIR". if we omit the flag, it will save to the current pwd.



Advised to use the absolute path of the command software.

It worked!

This is all very good information. Here, we can see the that password of the service Admin account we created, and left in the description is picked up by the ldapdomaindump.



Domain Users

CN	name	SAM Name	Created on	Changed on	lastLogon	Flags	pwdLastSet	SID	description
gDKjEqGfSI	gDKjEqGfSI	gDKjEqGfSI	10/06/24 22:32:06	10/06/24 22:32:06	01/01/01 00:00:00	NORMAL_ACCOUNT	10/06/24 22:32:06	1109	
Zoro Roronoa	Zoro Roronoa	ZRoronoa	09/29/24 00:35:20	10/21/24 02:44:33	10/21/24 23:49:41	NORMAL_ACCOUNT, DONT_EXPIRE_PASSWD	09/29/24 00:35:20	1106	
Luffy Monkey	Luffy Monkey	LMonkey	09/29/24 00:32:09	10/31/24 00:03:54	10/31/24 00:03:54	NORMAL_ACCOUNT, DONT_EXPIRE_PASSWD	09/29/24 00:32:09	1105	
SQL Service	SQL Service	SQLService	09/29/24 00:00:59	09/29/24 00:46:53	01/01/01 00:00:00	NORMAL_ACCOUNT, DONT_EXPIRE_PASSWD	09/29/24 00:00:59	1104	The password is MYpassword123#
Usopp Sogeking	Usopp Sogeking	USogeking	09/28/24 23:55:46	09/29/24 19:18:36	10/11/24 01:56:14	NORMAL_ACCOUNT, DONT_EXPIRE_PASSWD	09/28/24 23:55:47	1103	
krbtgt	krbtgt	krbtgt	09/28/24 02:05:52	09/28/24 02:21:02	01/01/01 00:00:00	ACCOUNT_DISABLED, NORMAL_ACCOUNT	09/28/24 02:05:52	502	Key Distribution Center Service Account
Administrator	Administrator	Administrator	09/28/24 02:05:11	10/31/24 00:04:36	10/31/24 00:04:36	NORMAL_ACCOUNT, DONT_EXPIRE_PASSWD	09/28/24 00:12:11	500	Built-in account for administering the computer/domain

Group Policy Creator Owners

CN	name	SAM Name	Created on	Changed on	lastLogon	Flags	pwdLastSet	SID	description
SQL Service	SQL Service	SQLService	09/29/24 00:00:59	09/29/24 00:46:53	01/01/01 00:00:00	NORMAL_ACCOUNT, DONT_EXPIRE_PASSWD	09/29/24 00:00:59	1104	The password is MYpassword123#
Usopp Sogeking	Usopp Sogeking	USogeking	09/28/24 23:55:46	09/29/24 19:18:36	10/11/24 01:56:14	NORMAL_ACCOUNT, DONT_EXPIRE_PASSWD	09/28/24 23:55:47	1103	
Administrator	Administrator	Administrator	09/28/24 02:05:11	10/31/24 00:04:36	10/31/24 00:04:36	NORMAL_ACCOUNT, DONT_EXPIRE_PASSWD	09/28/24 00:12:11	500	Built-in account for administering the computer/domain

Domain Admins

CN	name	SAM Name	Created on	Changed on	lastLogon	Flags	pwdLastSet	SID	description
SQL Service	SQL Service	SQLService	09/29/24 00:00:59	09/29/24 00:46:53	01/01/01 00:00:00	NORMAL_ACCOUNT, DONT_EXPIRE_PASSWD	09/29/24 00:00:59	1104	The password is MYpassword123#
Usopp Sogeking	Usopp Sogeking	USogeking	09/28/24 23:55:46	09/29/24 19:18:36	10/11/24 01:56:14	NORMAL_ACCOUNT, DONT_EXPIRE_PASSWD	09/28/24 23:55:47	1103	
Administrator	Administrator	Administrator	09/28/24 02:05:11	10/31/24 00:04:36	10/31/24 00:04:36	NORMAL_ACCOUNT, DONT_EXPIRE_PASSWD	09/28/24 00:12:11	500	Built-in account for administering the computer/domain

Enterprise Admins

Obviously we are looking for low hanging fruits first. We are looking for domain admin accounts, if account is expired or not, domain users, and much more. All information coming from the dump is going to be valuable.

And this is one method to enumerate Active Directory Domain.