

Active Directory Penetration Manual

no credentials

Scan Network

find vulnerable host

find AD IP

zone transfert

List guest access on smb share

Enumerate ldap

Find user list

relay/poisoning

zeroologon

user found

user found

unsigned SMB

find hash

classic quick compromise methods

Low hanging fruit

got username but no password

credentials found

hash found

no smb signing || ipv6 enabled || adcs

relay

adcs

cracking hash

find hash

MS17-010

MS14-025

MS08-068

MS14-068

PrintNightmare

Domain admin

Domain admin

Persistence

Persistence

Trust relationship

Trust relationship

privilege escalation

got administrator access on one machine

Administrator access

got credentials

kerberoasting

MS14-068

PrintNightmare

enum dns

Domain admin

Domain admin

Persistence

Persistence

Trust relationship

Trust relationship

Pivoting to others computers

pass the hash

overpass the hash / pass the key (PTK)

Unconstrained delegation

Constrained delegation

Resource-Based Constrained Delegation

WSUSpect

AD acl abuse

GPO Delegation

get laps passwords

priveexchange

ADCS

mayfly (@M4yfly)