while box often all into black box -> mimic real-world attacks on system of an organisation to identify network loop holes Approches -> how will you attack External (Internal) you are an outsider you are an employee or ex-employee you would already Know the ins and outs mebile Assey website and 2) 4 is it secure authenticity Social Engineering I ford someone to give into 5 giving threats bribing I phishing attack Test wireless network, devices LOT of M Company

Planning -> DISCOVERY -> Attack Phose of PenTests report 1) Planning Set objectives Establish bourdary Westare Mr 1 legal ramification 90000 targets you will offact real-world data. den't go beford about K set bourdary. affact. and h > Vulnerability scan be arres-Discovery' -> gaining information vulnerability scan -> lock for weaknesses Step 1) = identify OS step2) = solution major apps on system sleps) as cleck with rutherality database to see common issues with these appr Methods sto get information 1) google dorking - search strings I special search operators Y we can get Admin login pages Unitrame and passions, documents enail 1st , bar Karunt details

BenTest

2) Passive methods
- 9 monitor employees
- 13tan to notwork haffir
3) Active methods
- retreak napping
- port scanning.
- passwerd cracking
4) social Engg.
Scarning Tools Eng
Scarning Tools Fog Network Mapper - NMap
Network tralyzer and Profiler - Wireshark Passwork cracker - John The Ripper
Passiona cracker - John The Ripper
Hacking Tools - Metasploit
Different types of affacks
1) Passive online attacks— replay a session is  wire sniffing man in the middle grandelently capture packets when hijack session  where hijack session
1) Passive online attacky— attack a session is
wire sniffing man in the middle fraudelinity
- capture packets whee hijack session
wire sniffing man in the middle drawdelently repeated repeated wire to obtain accert
You

get passions filewer and try for decode it
Maskinjechich
2) Active online attacks - Phishing
Brute force attack trojan/spyrare/Krylogger
Lick It. Start
Juckit. Start guesing passverds
3) Offline attacky painbow
distributed Network a table for reversity cryptographic bash func.  attack (DNA) cryptographic bash func.  we will for cracking
bruk force cracking passwords
bruk force cracking passwords
4) Tech-less dumpster diving
social erg shoulders cleck docarded surfan, docx
surfing dock.
Phase 3- Attack
Discovery Jam Escalate Brugo Install privalage sys + addition
place addition privalage sys >> addition
branch to identify bodder perfor
m top till to arrest tel
adm Lul access

Mat Vulnerabilities to install
- misconfigurations - in security settles - Kernal security flaw insufficent input validation, 1) lets say he website takes some usex Input. Now his input o not entire valid yet accepted so this could be exploited. - symbolic links I as created files hat point to shefel,
I trick her it to gring you me file The descriptor attacks Phase 4 Report Executive Summars unct rdetail goals of the pentest and Why and Mou of the festing firding
s reconnerdations based
on firm who, what, when and intro-) introduce pre tran I hir info I objective of test Where of M testing

Topo coppany do risky slope -, how you gathered the info ranking. padwap > prenty on q vulnerabilty - , what tools did
assessment you use

and did you

emplosit and for

how—large to Mi corpany on a 30 to 90 day Dar ha long higher first to be adolessen post exploitation - , wat aid how you explained he ulrearchity risk exposure of this was the reflue of info at risk.