26/10/23 UNIT-3 Tools and methods und in cyberconime. Phishing cracking. \bigcirc (2) kybgavy. Sprevary Virus & worm 3 Q 3 C broiten horse 0 Backdoors 8 Stuganography Dos & Dos Attack G Boiffin Dunglow SOL injuctor. B a. Proxy Surauy -" Proxy werever in a computer on a network which acts as an intermediary for connection with other computer on that network." OR A proxy survey in liter a middleman for your indurent connection, when you up the indurent, your diving unds viguests for information (like opining a coefficient to the survey the st that information. A proxy survey

mahak TM Date: _____ Page: ____ between your divid and the inturnet standy crique and forward your survice you want configure or ou un Think of it like baving a finiend who Ex. уой lost he store bicaum to know want the store by ving something. the find you'rd nud. brings 404 for you store show day like a that's proxy current doit your indunit unquests Aste bob what the time? what is time? Alice roxy fim Jpm 7pm proxy servery? why up It can hide you what IP address harder for cueberty to track gour onling Privacy. making activity a barrier, product. Sicurity act as can Cor or haventi where hulp you accus website Access -Can night be unstricted in oulo cotion.

mahah M Dato: _____ Anonymizurs anonymous proxy in a tool that attempts to make activity on the indurnet untracible. It access t internet on the unris behalf, protecting presonal information by hiding the isource computer's identifying information Anonymizers are exercises und to make a webside that acts as qu proxy surces for the cub client. Anonymizery are und by eybercominal to maintain anonymity while engaging in illigal or malicious activities on the internet. Anonymizery can take various forms -Ĵ Anonymous mail superior 2 Proxy Survey he onion sound

Date: _____ How phishing works -[1] Planning - Use mars mailing and address collection - it techniques - spammer Sedup - Email/ evebpage to callect data about the target. Attack - Send a authinitic(phony) msg to the target. 3.] Collection - Proved the info. obtained. Identify theft & Froud - Ose info. to commit froud or illegal purchase. [4,] 5.7 Password Cracking -a ky to get an entry into computerised system like a lock. Parsierond cracking in a proces of vicouring parsierons from data that have been stored in or frammitted by a computer system. × * Usually, an parword cracking attacker follows a common approach reportedly making guess for the parword.

purpan of panwood cracking la recourse à forgotten passioned To gain unauthonisal accus to yetem 4 and for passoord crackingrce Attacks every possible combina the origh Uns find 2. ictionary Attackcombination, attacked passibl passionary " or phrasu 3. Rainbow Attacks every possible password conserponding hash (a from the and -magine ano unique CO passion massive Attackers can thin compare of your passional appinist table match

mahak TM Dats:____ to protect against passional cracking, it's important to un strong land unique passionals avoid casely pancional na enable additional security like impositant · factor authinfication. 29948 - (Kystroke logging easily way of capturing words and monitoring the easil the passwords and victims-A kylogow in a form o capture every moment. of Spyciary that kylogger in like that smaky observer for your Slw that computer, it's a Sussifly vicosds that your pris could potent somon ese moitie information word, credit and numbers, personal essages without your knowlage. parword * Spycocie ù ware informa. knocalidge computires ewhich user without about

mahak ™ Date:____ Page: Spywar typic prusho hidd ron Sicriff m Com out erso MDON 300 1.2 .1 Pawara 1.4 Troyans Rootkit hiljachurs ß 1% with brocons. -1 3 and a

| mahah™ Diste:_____ de yelogenery Pavameder Spyware calleds s/a that vycord S/0 that Manu info. about usury every kystrolde a without this knowld, purson on compute User largetsola Usur activity and inturnit browsing Anti laylogget Poursention 8/W Antispyware Paylogeur, adwary troyen, etc. winspy, Spywae ypu. in fype he mal of malware criatia by program computer visuse passes from computer computer in a similar manne a biblogical visus passes from * purson Virusis may also contain malicious ⋪ that may caus damage instruction combination of possibly malicide abilitu with th, code what makes d' visusu q spread is what make considurable concern

mahah " Viruses. Worms Owarms like spreading Virusis in also ter of malwary 14 girms, worms is a type of malwase Judied by maliciay copy itsu codi sacel from computer through new causing q computur. lot of trouble for many divices vuquire a host spruceling (2) Replicate from on for computier to another 0 It is less haymfer in more havemfor as compared (4) cuomi can be control Viruns can't ha unot by vumo te hu la prevent from comp kup your brows oplighing system quoid opening email updated rom unknawn. Sourcy. Antivisio slad is used Worms can be defected production against visue and wimaud by anti visus and frawal

mahak TM rotan horse Troyan porse u a program in which nalicious or havenful code is contained inside apparently havenles programming or dato in such a way that it an get control and caun haven, for example running the filiallocation table on the hard dista Troyan pridend to be nice apps or fille, but they encretly caus damage once you open them Unlike vircun on worm troyans the but do not vuplicate thimseleu but they can be equally districtive For comple waterfalls sor in a waterfall scrup saver as originally claimed by the author however it _____ with malway associated Can troyan to anload and become hidden program and allow unauthorized acan to the curver P.C.

mahak Backdoors backdooxs man accut Comput rogram (ALCUH pars Som may rograf accusso 1 Daram Corr puypal OR de 1 la computing packdorr. in hide ini 60 gaunina m comput applico provid nl enter way System through & andard gaind authintication processes. Backdoors . Can intentionally oral bugging ano naintering 201 pan Can exploit enstr malician attacker 58 coith and an individuals manupula a system contro withou prop authorization -Rigilar Decarity masurus monitorino difiction michanism and erntio Qu

12 faction of +-2 - Unit- 4 & Unit-5 Unit-3 () muhah " the misun of backdoors. prevent ryprography front msg in cover midia (hidde stiganography attack cut, cmbielding 0 inage an way the vucipient the file vualize × itiganalysis in the ar and science diticting musagus Vinages, audipoides file using stypnography. uppnography und . within a . p hiding X a picti msg imaal Sima Encod mislag Sugerno arc deduction making way to tapsmit (arowing suspición informa in withou

Can be coreact by Date: Survice 1 × inio Survia mans to ma indecusab the we 00 attac purpose of and vialing mony coebsite [OR] Das Attack is an attack chun Shut a machi it inaccusible work, making ______ cintunctual USIH8. to 08 attacks accomplish looding the farget with unding it information that orash. J a popular. 404 7 magin and thurs long zioali evaltine levon Couldm lavors Shop limited Capaci mar curtain no." Surel a cardoner a C Now, Suppop Somion na iday h the enturance loof shop, permenting new ontwing I, this, 1 cry for m , purjon mia

Date: ____ ice error this intention is to create chees and make it difficult for others to enjoy the ice cram they want. In the world of Computer network, a Dunial of Survice (DOS) Attack is similar instead of blocking or a physical entrance attacking flood coins a cuebsite or an online Anount of toaffic, making it amount of toaffic, making it difficult for digitmate cours to accus the wiberte or envoice. The goal is to ourwohilm the system viscources and cours a disruption in its normal functioning, dinging accus to genuine usure. C Survice offlin

Date: ud Rinial of Survia (DC × the Same popular JCE Coden magin shop, insplad of on purson the entrance shop, twist. blocking malking entrances to and entrances to anisly each Jublin dals pidually coun a significant problem, but collectically they oright chaos by ouverhulming shop's capacity to handle customer the world Computer on le ppos attack in simile instead of affac of compromised comput nitwork a Botnet. thin called flood curbsite or Purvice with an excutting amou 'Zmbil' compi rnowingly contro , WOr of massive influte of it extramily challinging 1 eryqu making propur. unction

mahak " malicious traffic (Intuinet) (SWILLY) (Attacket) Computer) Som Command OutofSurvice Real V8 8 D08Distributed DOS Acronym of Superice Dinial Discription system A nico of A single a single system baugutting temptin Elodo maries nethod gust enough amount of bay toaffic rom disable Singh loc victim nw Viry officies Difficult 6 pora Quick attack y effective Impact Modurard baciability Easily toad shad attact Spud

mahak Classification of DOS Bandwidth attacks × ogic attacks * Protocol affactive × Uninfintional DOB Affack × 1 pes or halls of DOS Affack × Attact 000 attack A 101th Affack × Smurf Attack * × ¥ NUKE .!. SQL Injuction Query language HIMD clataban computer langue data in durian managing vulational managiment Systems (ROBMS SQL × injuction chysiction distory and that techniqui might databan. your SQL injection in on of mast & common × calb hacking techniques

mahak M Sh injection in the placement of malicious cools in SOL statimen viq, web page Input. × SQL zamal magin braru boo enjuora into northally the syptim would this knywood neuch 19 21 ist chives (2NTRA) Visur stooy your databar) q any misc of enturing ypical chspierd entry kywood , thuy arry Potton: PROP Ta L Books uld give the n system bookj Cas system manipul ing (dropping ki dili mign 0+ en hi OR world umis, SOL injuction 201 fichnique while for coch inp _____ cht malicuie field on a use ίρ.

O mahak " exploiting valnutabilits the to manipulate poduntially of purform and 4naythorized purform uninfindia implimint actions. its duelopur prop Signif masure SOI 2.) Hackeridentifier SQL driver Ľ. Malinas SOL USERNAME quiry is validate ulbsitu PASSWOTD Q $\overline{\mathbb{N}}$ Wabsita Input fields Hackin 3. Hackey in grantua ville ang aceus mpoli, databan DATABAS did not know ---what ù Belino Vun cù injuction Blind 804 un cul

b an SOL injuction, but valnurably the vusult of the inguistion a not visible to the attackey. × Buffer Ownflow -In a Buffer ourflow attack, a maliculars actor toils to input × to input more dotta into a program mimore buffur than it can accommodate if the possion down't properly handle this excess input, it can had to uninfinded conjuguina such as our whing or executing malicious code. Buffulflow Afterck rusult unralia × program bihaviour, including mimor accus error, incorrict () vusul crash systems. × no association language common roopramming , C ano buffly ourflow enc. ctt which provide production against no, built ouvariting da part of mimor any I do not automatically chick (and an that data written to Buffer Ownflow occurs when a program ×

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mahah ^{The} Date: _____ Page: ____ -Unit -5 3 Survice DOB attac g it have to connee cuira 000 8 orflac non-cn the Mitm inducepting raging someon musagus Know you envo. Sicrufily inducipting the Communicat rku altiring parties two NPA Cracking Attack may un spicia et coack the enloyp. gain unauthon acay S SSID Spach Attackury D cerith cra Mqy the Corr Fi MOD sam ligétmate fooling cuero <u>a</u>N on chto Connic Aing nico woong

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