Eab: 180600 283 Name: Nishant Sanjay Charan class: BE/B sub: CSL Rollno: [18] Q.3) For a successful cyber aftack to take place there are seven steps and attacker must perform. Deconnaissance! The definition of recognaissance is to check out a situation before taking action. Before launching an attack, hackers first identify a vuherable tanget and explore the best way to exploit it. The initial tanget can be anymon in or connected to an organisation, wheather an executive or an admin or a third party supplier. 2) Scanning: Once the tanget is identified, the next step is to identify a weak point that allows the attacken to gain access. This is usually accomplished by scanning an organisation's network with tools easily found on internet to find entry points. 3) Access and escalation! Now, the wealeness in the tanget network are identified, the next step is cyber attack is to gain access and then escalates to moving through the network undetected. In almost all such cases, priviledged privileged access is needed because it allows the attackers to move freely within enviro

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within the freedom to move around the network of the adtackers can now access systems with an organisation's most sensitive data - to extract it att will. But intruders can take at this time.

5) Sustainment:

The attackes have now gained unrestricted access throughout the tanget network. Next is sustainment, or staying in place quietly. To accomplish this, the hackers may secretly install malicious programs like root kits that allow them to return as prequently as they want.

6) Assault!

Tosturately this step is not taken in every cyber attack, because the assault is the stage of an attack when things become particularly nasty. This is when the backens might alter the functionality of the victim's bandware, or disable the bandware entirely.

7) Obfuscation:

Usually the attackers want to hide their tracks, but this not universally the case - especially is the backers want to leave a coolling cand' behind the boast about their exploits.

The purpose of trail obfuscation is to confuse,

Name: Nishant Sanjay Chavar emp: 180600283 class: BEIB sub: CSL Rollno: [18] UT-1 4 disorientate and divert the Porrengic examination process. Trail obtuscation covers a variety of techniques and took including log cleanens, spooling, misinformation, backbone hopping, and more. Whitehologous bening was and todatio and 21 that strouter topoch ach fredorant everson Andre etis from exil common purision United Light 80 afternamed as viculary of much malla The transfer of a second to a second is the second objections among social and double on to norty this topics makera and si side when Quartimolity of the victim's boards are and planting provident and aldoch with at abid of trans angle who are gilound the La grand of toom accopied act of alloin modelle month dunde topad ant boulded thron palling as a property of the flan sund de linet for song our ser Page: 3-3 E-s: Bhavan 9