INFORMATION SECURITY

SEMESTER 8th

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Q:1 What was the initial cause of the cyberattack on TechCorp, and how did it compromise their network?

ANS: Phising email was the initial reason to exploit the TechCorp's system and deploy ransomwale attack.

Q:2 Explain the role of the ransomwale....?

ANS: Ransomwale encrypted the TechCorp's critical files and demanded a substantial ransom payment in cryptocurrency to decrypt them.

Q:3 Identify and describe two vulnerabilities in TechCorp's Security ....?

ANS: 1) Lack of social engineering attack's knowledge among the TechCorp's employees.

2) No use of IPS in their networks.

Q: 4 what preventative measures could Techcorp have implemented .... ?

ANS: 1) Organize the social engineering attacks sessions among the employees and aware them regarding the latest ongoing attacks.

2) Deploy IPS (intrusion detection and prevention system) in the networks.

Q: 5 How can TechCorp enhance its incident .... ?

ANS: Hire a proper cybersecurity team in the organization, deploy a latest IDS and IPS in their networks, train their employees. These steps would prevent any future attacks in the organization.