

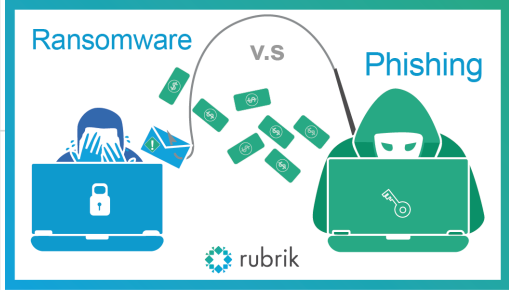
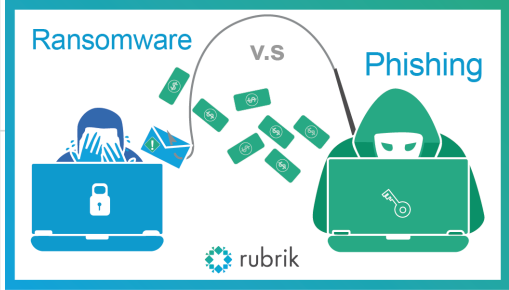


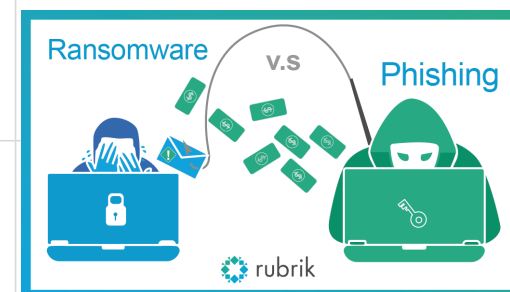
UNIT 5: Cyber Security in Electric Vehicles

VOCABULARY



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Term	Description	Image
Cybersecurity	Cybersecurity involves protecting computer systems, networks, and data from digital attacks, unauthorized access, damage, or theft through various measures, including firewalls, encryption, and regular software updates.	
Hacking/Hackers attack	A hacking attack is an attempt by hackers to exploit vulnerabilities in computer systems or networks to gain unauthorized access, often for malicious purposes such as stealing data, causing disruptions, or spreading malware.	
Ransomware	Ransomware is a type of malware that encrypts files and systems and demands a ransom to decrypt them. This can cripple transport systems and lead to huge financial losses.	
Phishing attack	Phishing emails, text messages and websites can be used to trick drivers and passengers into sharing their personal information or clicking on malicious links. This can lead to malware installation, identity theft and other problems.	



Multi-Factor Authentication (MFA)

MFA adds another layer of security to your online accounts by requiring you to enter an additional authentication factor, such as a code sent to your phone, in addition to your password.

