Discussion Questions: WannaCry Ransomware

Watch the following video to learn more about the WannaCry ransomware (30 minutes).

<https://www.youtube.com/watch?v=PKHH_gvJ_hA>

* How did the EternalBlue and DoublePulsar exploits facilitate the spread of WannaCry ransomware, and what does this indicate about the importance of timely patch management?
  + This question encourages discussion on the technical mechanics of the ransomware's propagation, emphasizing the critical need for applying security patches promptly.
* What were the main factors that led to the extensive impact of WannaCry, particularly on critical infrastructure like the NHS?
  + This question invites analysis of the vulnerabilities in critical systems, organizational preparedness, and the specific conditions that made WannaCry so disruptive, especially in healthcare.
* Considering the financial transactions related to the ransom payments in the WannaCry attack, what challenges do cryptocurrency pose for tracing and recovering ransomware payments?
  + This question examines the difficulties in tracking and addressing the financial aspects of ransomware attacks due to the use of cryptocurrencies like Bitcoin.
* What lessons can be learned from the WannaCry incident regarding employee training and network security practices to prevent similar ransomware attacks in the future?
  + This question focuses on the human and procedural elements of cybersecurity, discussing how better awareness and improved security protocols can mitigate the risk of ransomware infections.