**WannaCry Ransomware Attack**

1. **Threat**:
   * **Definition**: The threat in this context was the cybercriminals who developed and deployed the WannaCry ransomware.
   * **Example**: The cybercriminals intended to extort money from victims by encrypting their data and demanding a ransom in Bitcoin.
2. **Vulnerability**:
   * **Definition**: WannaCry exploited a vulnerability in the Microsoft Windows operating system.
   * **Example**: The specific vulnerability was in the Server Message Block (SMB) protocol, identified as CVE-2017-0144, which was part of the EternalBlue exploit kit.
3. **Attack**:
   * **Definition**: The attack was the distribution and execution of the WannaCry ransomware on vulnerable systems.
   * **Example**: Once executed, WannaCry would encrypt the files on the infected system and display a ransom note demanding payment in Bitcoin to decrypt the files.
4. **Risk**:
   * **Definition**: The risk was the potential for widespread disruption and financial loss due to systems being encrypted and rendered unusable.
   * **Example**: Organizations that did not apply the security patch for the SMB vulnerability were at high risk of infection and operational disruption.
5. **Exploit**:
   * **Definition**: The exploit was the use of the EternalBlue exploit to take advantage of the SMB vulnerability.
   * **Example**: EternalBlue allowed the ransomware to spread rapidly across networks by exploiting the unpatched SMB vulnerability.
6. **Asset**:
   * **Definition**: The assets at risk included data, critical business systems, and the overall operational capabilities of affected organizations.
   * **Example**: Hospitals, banks, telecommunications companies, and other organizations had their data and systems compromised, impacting their ability to operate.
7. **Impact**:
   * **Definition**: The impact was significant financial loss, operational disruption, and damage to reputation for many organizations.
   * **Example**: The ransomware affected more than 200,000 computers across 150 countries, causing estimated damages of billions of dollars, disrupting services in the UK’s National Health Service (NHS), and affecting numerous other organizations globally.