

# NCCoE preliminary draft report on ransomware risk management

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react to the potential impact of events.



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The National Cybersecurity Center of Excellence (NCCoE) has released a new preliminary draft report, National Institute of Standards and Technology (NIST) Interagency or Internal Report (NISTIR) 8374, [Cybersecurity Framework Profile for Ransomware Risk Management](#).

Ransomware is a type of malicious attack where attackers encrypt an organization's data and demand payment to restore access. In some instances, attackers may also steal an organization's information and demand an additional payment in return for not disclosing the information to authorities, competitors, or the public. Ransomware can disrupt or halt organizations' operations.

This report defines a Ransomware Profile, which identifies security objectives from the NIST Cybersecurity Framework that support preventing, responding to, and recovering from [ransomware](#) events. The [profile](#) can be used as a guide to managing the risk of ransomware events. That includes helping gauge an organization's level of readiness to mitigate ransomware threats and to

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