Protect your organization from ransomware

What is ransomware?

Ransomware is a type of cyber threat in which attackers encrypt a victim’s data and demand a ransom in exchange for the decryption key.

The underground ransomware economy

Criminals have devised multiple ransomware services and tactics, including ransomware-as-a-service (RaaS), which is a business model for ransomware.

The phases of a ransomware attack

When developing a mitigation strategy, take into account every stage of the ransomware lifecycle.

Best practices

Microsoft 365 Defender monitors and protects Windows 10 computers, across all workloads, against ransomware.

Microsoft Defender for Cloud and Microsoft Sentinel—provides data protection, threat intelligence, and prevention.

Microsoft 365 Defender Forensic and Report Intelligence monitors and protects servers, storage, and databases.

Ready to learn more?

Microsoft 365 Defender and Microsoft Sentinel offer a full suite of ransomware protection services.

Microsoft 365 Defender uses machine learning algorithms to identify and block ransomware.

Microsoft Sentinel helps secure your organization by providing real-time threat detection and response.

Microsoft Defender for Cloud provides protection against ransomware in your cloud environments.

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