#### Repel Ransomware! How to Protect Your Library





DIVISION OF LIBRARY and INFORMATION SERVICES



## What is Ransomware?

"A form of malware targeting both human and technical weaknesses in an effort to make critical data and/or systems inaccessible."\*

Users are locked out of their system until they pay a ransom.



Victims in 2019\*\*

Education & government sectors sustain the highest rates of attacks.

\*: www.ic3.gov/Home/Ransomware

\*\*: pdf.ic3.gov/2019\_IC3Report.pdf

#### How Ransomware Works

Malware received through an email link or website. Malware then infects the computer, locking it down.



A ransom note demands money to release the device.

Paying a ransom does not guarantee access will be restored.

# Shield Your Library EDUCATE AND PREVENT

Remind employees not to click links from unknown sources.

Create a training and awareness program.

Create an action plan for infection.

Enable strong spam filters & patch software/programs.

Schedule regular antivirus/malware scans.

Test for vulnerability at least once a year.

### In Case of Ransomware



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