

# STAGES OF A RANSOMWARE ATTACK

Contrary to popular belief, ransomware hackers do NOT attack applications, and securing applications does NOT protect you against ransomware. Ransomware hackers are after your files in shared drives and your data in databases.

**01**



## Gain an Entry Point

Phishing, fake login pages, drive-by downloads, etc.

## Scan Network to Spread

Port scanning, ARP scanning  
TCP SYN scans, etc.



**02**

**03**



## Gain Access to Network Assets

Maximize assets to encrypt, change registries, execute files, etc.

**Encrypt, Rename, Download Files**  
Exfiltrate data, encrypt backup files, wipe shadow copies, etc.



**04**

**05**



## Demand Ransom

Bypass all your security perimeters and demand ransom



**mamori.io**

Mamori secures your files, data and databases using a zero-trust network access (ZTNA) model.

See the Ransomware Prevention Best Practices Guide:  
<https://bit.ly/3MjEXnC>