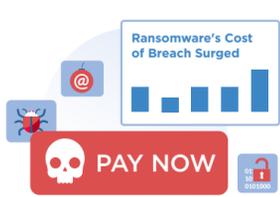


# THE RANSOMWARE RUNDOWN

THE LEADING 3,  
THEIR FALLOUT, &  
HOW TO SAFEGUARD YOUR DIGITAL HAVEN



## WHY SHOULD YOU CARE?



Ransomware attacks accounted for **24%** of malicious attacks, with **13%** increase in average cost<sup>1</sup>



**80%** of victims paid the ransom, but many still could not recover their data<sup>2</sup>



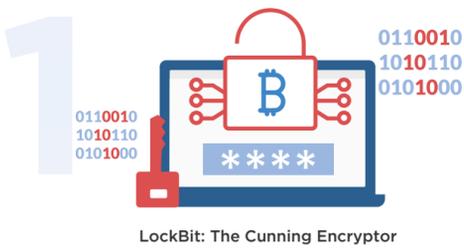
**45%** of production data was affected by a cyber attack<sup>2</sup>

## DECODING RANSOMWARE

Ransomware is a type of malware that blocks the victim's access to a system or files, with attackers demanding payment (often via cryptocurrency) for restoration



## TOP 3 GLOBAL RANSOMWARE GROUPS



LockBit: The Cunning Encryptor

**Known for its speed and sophistication. It infiltrates networks swiftly, encrypting files and demanding hefty ransoms.**

**LockBit**, which claims to have 100 affiliates, has been the most dominant form of "Ransomware-as-a-Service" (RaaS) in the US, averaging about 24 attacks per month.<sup>3</sup>

**Operates stealthily, infiltrating systems undetected. Once inside, it encrypts files and demands ransom.**

**BlackCat** has garnered widespread attention due to its implementation of triple extortion techniques, giving it a competitive advantage among other RaaS operators.<sup>4</sup>



BlackCat: The Silent Infiltrator

**Not only encrypts files but also exfiltrates sensitive data, leading to financial losses, regulatory penalties, and damaged customer relationships.**

**Clop** used a zero-day vulnerability in a file transfer tool to break into numerous victims' networks, chalking up 48 known attacks.<sup>3</sup>



Clop: The Double-Edged Sword

## IMPACT OF RANSOMWARE ATTACKS



Business disruption & downtime



Financial losses



Loss of sensitive data & customer trust



Reputational damage



Compliance violations

## HOW TO SAFEGUARD YOUR DIGITAL HAVEN



Regular backups



Employee training



Security monitoring and controls



Patch management



Threat intelligence

WITH TATA COMMUNICATIONS, DEFEND AGAINST RANSOMWARE'S REIGN OF CHAOS

Interactive experience of advanced threat defense

Schedule a consultation today

Source:  
1. IBM Cost of a Data Breach Report 2023  
2. Veeam 2023 Ransomware Trends Report  
3. State of Ransomware Report 2023, Malwarebytes  
4. Trend Micro Ransomware Spotlight 2023