## Anatomy of a Ransomware Attack

Ransomware can remain undetected for days, weeks or even months, dramatically increasing the business impact. Understanding the lifecycle of a ransomware attack can help organizations beef up their defenses and detect and thwart the attack at various stages.



## What Are the Risks?

**676** Security Breaches Involved Ransomware in 2020, Double the Number in 2019.

"2020 Year End Report," RiskBased Security, 2021

**\$233,817** Average Ransomware Payment in Q3 2020, up 31% from Q2 2020.

"Quarterly Ransomware Report," Coveware, Q3 2020

## \$20 billion

Predicted Global Ransomware Damages in 2021, a 5,697% increase since 2015.

> "The Evolution of Ransomware," CrowdStrike, 2020

Average Days of Downtime from Ransomware in Q3 2020 up 19% from Q2 2020.

> "Quarterly Ransomware Report," Coveware, Q3 2020

**\$730,000** Average Cost of Recovering from a Ransomware Attack, not Including the Ransom.

"The State of Ransomware 2020," Sophos, 2020

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