Ransomware Risks and Recommendations

"Threat actors continue to pound away at organizations with a variety of new and previously unseen ransomware strains, often leaving a trail of destruction in their wake." The U.S. Treasury says ransomware payouts in 2021 could top the entire past decade. Understand today’s risks and take action based on FortiGuard recommendations.

**Risks and Damages**

1100% increase
The rise of incidents in 2021

$5.2 Billion
The ransom payouts tied to the top 10 hacker groups in 2021

150,000
The number of individual ransomware detections per week

82% of Organizations
Concerned about losing data due to ransomware

38% of Organizations
Worried about productivity loss

36% of Organizations
Concerned about interruption of operations

Not to mention the negative financial impacts and reputational damage that ransomware can cause.

**9 MONTHS**
The time it could take to recover from a ransomware attack

**Actions and Recommendations**
By 2024, organizations adopting a cybersecurity mesh architecture to integrate security tools to work as a collaborative ecosystem will reduce the financial impact of individual security incidents by an average of 89%.

**Top cybersecurity leaders recommend these 4 critical strategies to address ransomware:**

1. **Defend:**
Start with access identity management, including MFA, know who and what in your organization are threatening assets, and control access to systems and assets.

2. **Triage:**
Slow the attack. Limit privilege access to critical time, segment the network, and maintain good cyber hygiene.

3. **Recovery:**
Prevent tactics should also be included in recovery plans, such as quickly pivoting to the cloud to ensure business continuity, having a strong incident response plan in place, and having a backup plan for critical infrastructure to ensure fast recovery times.

4. **Effective strategies start from the top down:**
Company executives, legal, corporate communications, and all are needed to be involved in planning and executing a crisis management strategy.

**Review our ransomware protection checklist to assess your own readiness.**

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1. Ransomware Trends, Fortinet, August 2021.
2. "Threat actors continue to pound away at organizations with a variety of new and previously unseen ransomware strains, often leaving a trail of destruction in their wake." Fortinet, August 2021.
3. "Threat actors continue to pound away at organizations with a variety of new and previously unseen ransomware strains, often leaving a trail of destruction in their wake." Fortinet, August 2021.
4. "Threat actors continue to pound away at organizations with a variety of new and previously unseen ransomware strains, often leaving a trail of destruction in their wake." Fortinet, August 2021.
5. "Threat actors continue to pound away at organizations with a variety of new and previously unseen ransomware strains, often leaving a trail of destruction in their wake." Fortinet, August 2021.
6. "Threat actors continue to pound away at organizations with a variety of new and previously unseen ransomware strains, often leaving a trail of destruction in their wake." Fortinet, August 2021.
7. "Threat actors continue to pound away at organizations with a variety of new and previously unseen ransomware strains, often leaving a trail of destruction in their wake." Fortinet, August 2021.
8. "Threat actors continue to pound away at organizations with a variety of new and previously unseen ransomware strains, often leaving a trail of destruction in their wake." Fortinet, August 2021.
9. "Threat actors continue to pound away at organizations with a variety of new and previously unseen ransomware strains, often leaving a trail of destruction in their wake." Fortinet, August 2021.
10. "Threat actors continue to pound away at organizations with a variety of new and previously unseen ransomware strains, often leaving a trail of destruction in their wake." Fortinet, August 2021.
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