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The essential checklist for reducing the impact of ransomware attacks

Given the devastating potential of ransomware attacks, a proactive stance is essential. Here is how to prevent a ransomware attack and improve your organization's cybersecurity strategy.

1

Prevention methods

The initial defense against ransomware involves ensuring that the ransomware doesn't enter your organization's digital infrastructure. **Security teams must be aligned to ensure that threat actors do not have any access points to your organization. To do this:**

- **Prevent initial access to your assets**
- **Update security products**
- **Promote employee awareness**
- **Implement a Zero-Trust policy**

2

Pre-attack steps

If ransomware has entered an organization, the focus of mitigation shifts to preventing its spread, to ensure that the ransomware doesn't amplify the damage. The strategies here differ from the prevention stage, as the nature of the threat has evolved, and the response must adapt accordingly.

- **Utilize granular network segmentation rules**
- **Automatically limit privileged access**
- **Disable administrator sharing powers**

3

Post-attack steps

In the event of an attack, rapid recovery measures are essential. These steps ensure that your organization can recover with minimal damage and data loss:

1. **Implement robust backup policies**
2. **Conduct backups frequently and test your backups**
3. **Prepare updated golden image for quick restoration**

4

Review and update your strategy for handling ransomware attacks

As ransomware tactics evolve, so too must our strategies to counter them. **By adopting a proactive approach to each stage of the mitigation process, organizations can fortify their defenses against the devastating impact of a ransomware attack.** This method allows organizations to align security defenses with business priorities, rather than defaulting to emergency responses that can have an irreversible impact on your organization's reputation.

To learn more about how to help your organization build a ransomware readiness plan, contact us.

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