

# Ransomware Protection Checklist

## SAFEGUARD YOUR BUSINESS IN THE CLOUD

### DATA SECURITY

- **Replicate data to object storage:** If you are hit by ransomware, you can leverage the object storage to restore business-critical data and resume operations.
- **Explore managed backup services:** Managed backup services can provide additional benefits such as object versioning, fine-grained access control, and redundancy.
- **Implement Cloud-based backups:** Using cloud-based backups provides the benefits of object storage and a managed backup service. Cloud-based backups allow for a Write Once, Read Many (WORM) type of access pattern.

### NETWORK SECURITY

- **Leverage Host-based Intrusion Detection Systems:** Ransomware has known indicators of compromise during the encryption process. Leveraging a HIDS on your file storage will allow for early detection and isolation.
- **Perform logging of network activity:** Ensure that access and activities on your network are logged to facilitate detection and analysis of cyberattacks.
- **Audit network access regularly:** Regularly auditing who has access to your network, as well as who has access (and who is accessing) to backups and business-critical data can allow for early detection of unauthorized or unusual access.
- **Network segmentation:** Limit the blast radius of a cyber attack by isolating critical operations on a different subnet or network with more restrictive access.

### CONTINUOUS IMPROVEMENT

- **Employee education:** Social Engineering and Phishing remain the top vectors of attack and access into your network, it is important to ensure that all employees are educated on cybersecurity best practices.
- **Stay informed about cloud security:** Keep up to date with the latest cloud security best practices and offerings to enhance your defense against evolving ransomware threats.
- **Regularly review and update your security measures:** Conduct periodic reviews and audits of your cloud security measures to identify and address potential weaknesses.

*By Following this comprehensive checklist, you can safeguard your business against ransomware attacks and leverage the power of cloud solutions to enhance your cybersecurity strategy. Remember, proactive measures and continuous improvement are essential in maintaining a robust defense against ever-evolving threats.*

*\*\*Following these steps provides no guarantees that you will be completely safe from cyberattacks or the impacts they can have on your business. The measures outlined here are meant to decrease the likelihood and impact of Ransomware. \*\**