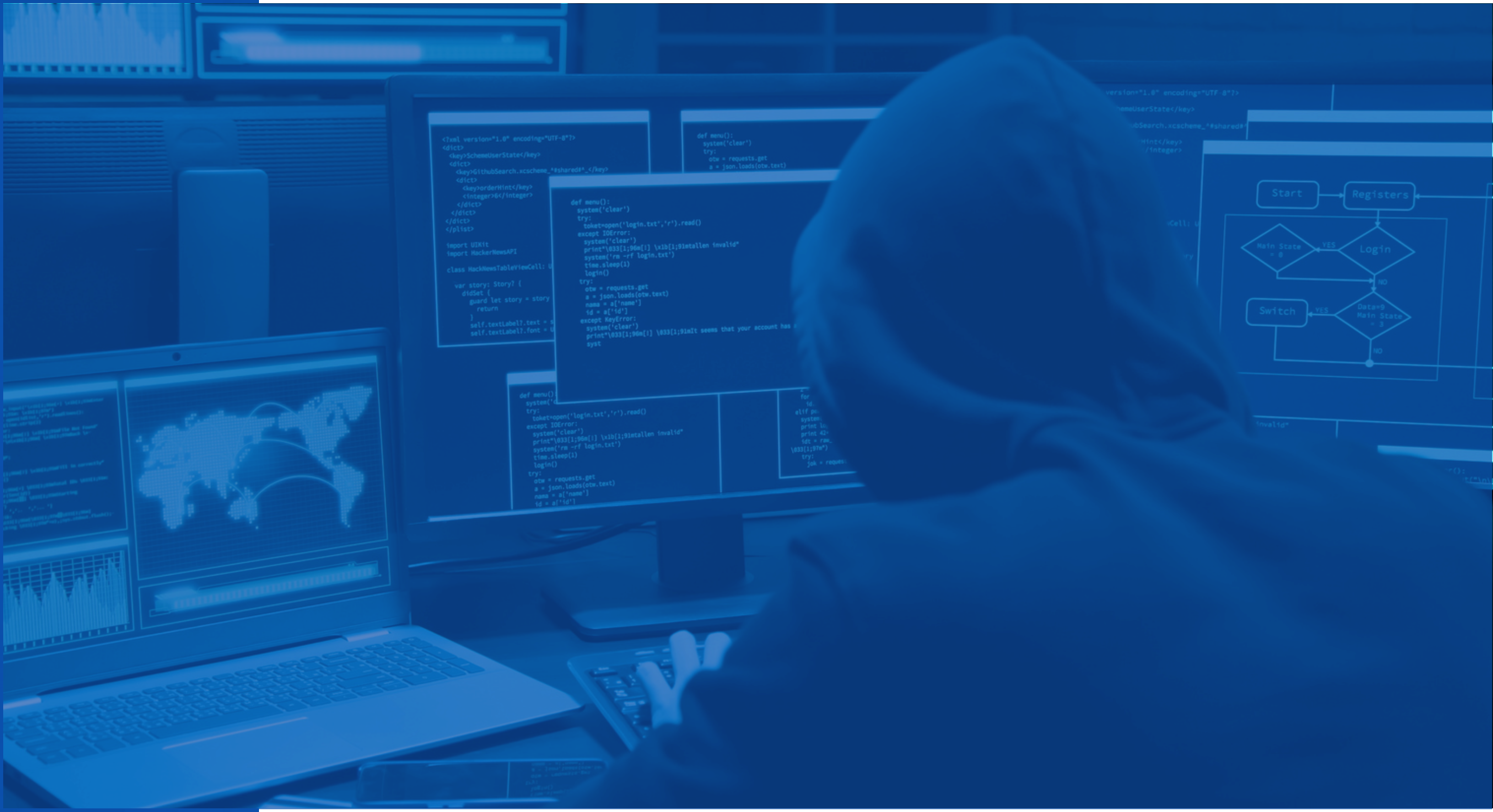
CHECKLIST

NOVABACKUP



CYBER SECURITY

CHECKLIST

A cyber attack, like ransomware, can infect an entire network within minutes once it gains access to a system. Files will be locked or encrypted, while cyber-criminals demand payment for access to your data. If paid, these criminals may or may not provide the necessary fix. Worse yet, paying ransom encourages this malicious activity and may even make you a target for future cybercrime.

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CYBER ATTACK
PREVENTION MEASURES

Take these measures now to secure vulnerabilities, and prevent a cyber attack.

Inventory Management

□ Catalog all the software which is deployed throughout the network

□ There are no unsupported operating systems (Windows XP or 2003) running on my network

□ No unauthorized software (non-business file sharing, remote desktop, streaming, etc.)

□ There are no unknown/unmanaged computers, access points, or other devices on the network

Patch Management

□ All servers have managed Windows patches and are up-to-date

□ All workstations have managed Windows patches and are up-to-date

□ All other operating systems have regular patch maintenance and are up-to-date

□ All applications and their patches are maintained and up-to-date

□ Monitoring is in place

Firewall

□ Running a business-grade firewall, not a consumer firewall
□ Advanced filtering, intrusion detection, layer 7 traffic classification, and
□ firewall is fully managed
□ Running the latest version of firewall software and managing updates
Monitoring firewall alerts

Antivirus Software

□ Running a business-grade AV, not a consumer AV
□ All servers and workstations are running AV which is real-time scanning
□ Centrally managed and updated
□ Policies set up in AV to block the execution of harmful executables, along with alerting
□ Monitoring AV alerts

Backups

□ All machines that have critical data on them are backed up
□ Images of servers are done at least monthly
□ File backups are run daily
□ Following 3-2-1 backup rule (3 backups, stored on 2 different media, with 1 offsite)
□ Testing restores from backups at least monthly
□ Monitoring backup failure reports

Filtering

□ Antispam/anti-phishing in place
□ Filtering file attachments in email (.exe, scr, .com, etc.)
□ DNS filtering in place
□ Show file name extensions in Windows
□ Don’t enable macros (for Microsoft Office documents)

Web Browsing

- □ Disable all unnecessary scripts/plug-ins
- □ Browsers are up-to-date and running latest versions of required plug-ins

Permissions

- □ Enforce principle of “least privilege” on systems and data
- □ Software restriction policies put in place to prevent programs from executing from common ransomware locations (temp folders, etc.)

Advanced Prevention

- □ Group policies
- □ Periodic port/vulnerability scans
- □ Inspect the network periodically to disable any unnecessary/vulnerable services
- □ Segment network for servers, backup, data, end-points
- □ Disable bootable devices like CD/ DVD and unnecessary USB ports for flash drives, etc.
- □ Enable BIOS Password Authentication

Training

- □ Security awareness training: Offer examples of what to avoid
- □ Simulated attacks (phishing, etc.) with action plan (ex: Disconnect from network / Wi-Fi)

Cyber Insurance

- □ Consider adding cyber-liability insurance to protect your organization from the financial costs associated with a cyberattack, ransomware attack or other online hacking threat.

ABOUT NOVABACKUP

For more than a decade, NovaBACKUP has been a trusted provider of flexible, all-inclusive data protection solutions for Managed Service Providers (MSPs) and professional offices worldwide. As industry leaders in Backup and Disaster Recovery, we bring extensive experience in helping specialized industries meet strict data protection goals.

At NovaBACKUP, our primary goal is to simplify and enhance data protection for our clients. More than just powerful backup technology, our team of backup experts is dedicated to providing unparalleled support. We take a people-first approach to backup, understanding that every unique environment requires a personalized approach to data protection.

With NovaBACKUP, our commitment to exceptional support ensures that you have a reliable partner in data protection. Learn more about NovaBACKUP and explore our comprehensive range of data protection solutions by visiting our website at www.novabackup.com.

Schedule a call with one of our backup experts today!

Our Service Promise

We promise to treat the protection and safety of your data like we do our own. Our job it to make data protection as simple and reliable as possible. You can count on us to provide professional, knowledgeable support that meets your data protection needs. Feel free to reach out to our team if you need assistance with your backup and recovery needs.

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