

Lock It Up: Essential Password Best Practices

Passwords are an essential part of our everyday lives. We use them to log into our email accounts, social media profiles, online banking, and more. With cybercrime on the rise, it's more important than ever to take password security seriously.

Here are a few tips to keep your online accounts safe:

1 NEVER SHARE YOUR PASSWORD WITH ANYONE

NEVER STORE PASSWORDS IN SPREADSHEETS, DOCUMENTS, EMAIL, OR A BROWSER

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3 CREATE "PASSPHRASES" INSTEAD OF PASSWORDS

- Long passwords are always stronger than short passwords. Passwords shorter than 10 characters can be easily and quickly cracked if their hashes become available.

4 USE "SPECIAL CHARACTERS" SUCH AS SYMBOLS, ACCENT MARKS, AND PUNCTUATION MARKS

- You'd be surprised the difference a comma or exclamation mark makes!

5 NEVER REUSE THE SAME PASSWORD

- We know it's easier to remember one password vs. 100 but we have a solution...

6 USE A PASSWORD MANAGER SOLUTION TO SYNC PASSWORDS BETWEEN COMPUTERS AND MOBILE DEVICES

- This way you only need to remember one password to log into your password manager.

7 LEVERAGE PASSWORD MANAGERS TO GENERATE NEW PASSWORDS

- Tools can create completely random passwords that you never need to know or memorize.

8 IMPLEMENT MULTI-FACTOR AUTHENTICATION

- Passwords will always be a weak and vulnerable form of authentication. Using multi-factor greatly reduces the chances of a successful authentication attack.

Two Affordable and Easy Solutions

	Hash Analysis	Hash Analysis Plus
Check for Weak Hashing Algorithm (LANMan)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Check for Blank/Default Passwords	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Check for Password Reuse	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Password Policy Review (Active Directory Default Domain Policy)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
SynerComm's Custom Hash Attack Playbooks (dictionary + rules, brute-force & hybrid masks)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Custom Report (Executive summary, analysis and vulnerability findings)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Password Analysis Spreadsheet (Including cracked/recovered passwords)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Multiple AD Group Policy Review		<input checked="" type="checkbox"/>
Identify Privileged Accounts and Group Members		<input checked="" type="checkbox"/>
Additional Hash Attack Playbooks Tailored to Your Organization (dictionary + rules, brute-force & hybrid masks)		<input checked="" type="checkbox"/>
Trend Analysis <small>*Requires Hash Analysis Plus Quarterly Assessments</small>		<input checked="" type="checkbox"/>

SynerComm is well-known for cracking power, our 2017 blog proved the naysayers wrong when we loaded 8 Nvidia GPUs into a single server chassis. Over the next two years, we updated that cracker to the latest/fastest GPUs and built a 2nd 8 GPU cracker to double our capacity. As of October 2022, we're designing and testing what will be our 4th generation cracker.



To learn about securing your business with SynerComm, connect with our team at synercomm.com