

ARE WEAK PASSWORDS PUTTING YOU AT RISK?



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PROBLEM: ENFORCING PASSWORD COMPLEXITY IS NOT ENOUGH

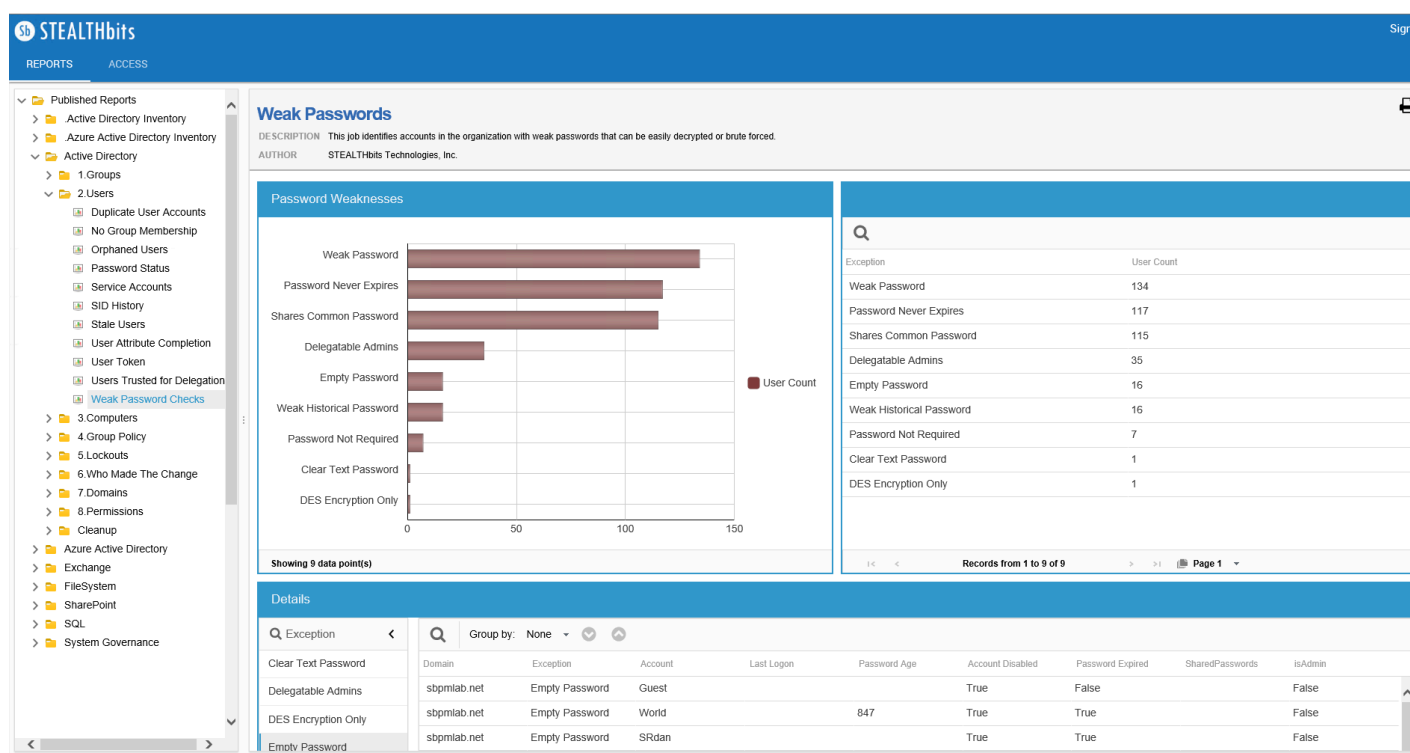
There are two common denominators in every breach scenario: credentials and data. Attackers are non-discriminant in their methodologies for attacking personal citizens and corporate user accounts alike. Credentials are merely a means to an end, however. The data the credentials supply access to is the ultimate prize, so it would make sense that real data security means credential security first and foremost.

Beyond stringent, complex password requirements and policies, as well as proper password configuration and hygiene, is the need to eradicate the use of weak, shared, and well-known passwords from usage for both individuals and entities. Passwords can be quite complex, yet still easily guessed or brute forced if exposed in previous breaches. What's really needed is more robust password security solutions that proactively identify vulnerable accounts and prevent the usage of passwords that are easily guessed by humans and computers.

CHALLENGE: FINDING WEAK PASSWORDS TO REDUCE RISK

StealthAUDIT can detect and report on weak, shared, or well-known passwords allowing administrators to force a password reset and reduce the risk of compromise.

Daily reports can be generated and emailed to management to monitor remediation.



SOLUTION: ENFORCING PASSWORD POLICY TO IMPROVE SECURITY

Attackers often use dictionaries of previously breached passwords or knowledge of well-known passwords to compromise accounts. StealthINTERCEPT Enterprise Password Enforcer proactively prevents the usage of these weak and compromised passwords from being used – regardless of whether or not they meet complexity requirements – further enforcing password hygiene and reducing the opportunity for attackers to crack or guess passwords.

StealthINTERCEPT Enterprise Password Enforcer is a password policy enforcement tool for Windows Active Directory that provides on-premises and hybrid password protection. Using a curated dictionary of known compromised passwords and dozens of password filters, Enterprise Password Enforcer safeguards your organization from authentication-based attacks by enforcing the following rule sets:

- **Previous Breach Corpus** - The ability to reject known compromised passwords from previous breach corpuses that are more susceptible to credential stuffing attacks.
- **Length Enforcement** - The ability to reject passwords based on how many or how few characters.
- **User Display/Logon Name Rejection** - The ability to reject passwords that are similar to the user's display/logon name.
- **Special Character Enforcement** - The ability to reject passwords that do or do not contain specific characters.
- **String Rejection** - The ability to reject passwords that contain user-defined strings (e.g. reject passwords with "company name" anywhere in the password).
- **Incremental Digit Avoidance** - The ability to reject passwords that end in a number increment
- **Keyboard Pattern Rejection** - The ability to reject passwords that contain keyboard patterns (e.g. Qwerty)
- **Sequential Character Rejection** - The ability to reject passwords that contain sequential characters.
- **Repeating Character Rejection** - The ability to reject passwords that contain character repetition.
- **Unique Character Enforcement** - The ability to reject passwords that do not contain a minimum number of unique characters.

NEXT STEPS



Schedule a demo

stealthbits.com/demo



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Contact us

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IDENTIFY THREATS. SECURE DATA. REDUCE RISK.

Stealthbits Technologies, Inc. is a customer-driven cybersecurity software company focused on protecting an organization's sensitive data and the credentials attackers use to steal that data. By removing inappropriate data access, enforcing security policy, and detecting advanced threats, our highly innovative and infinitely flexible platform delivers real protection that reduces security risk, fulfills compliance requirements, and decreases operational expense.

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