CyberArk Launches Enhanced "CyberArk DNA" to Detect Pass-the-Hash Vulnerabilities

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The Only Discovery and Audit Tool to Uniquely Identify and Map Exposed Password Hashes and Vulnerable Machines on a Network; Free Trial Available for Limited Time

Newton, Mass. â€" February 19, 2014 â€"[CyberArk](), the company securing the heart of the enterprise, today unveiled the latest version of Discovery & Audit (DNA), the first tool on the market to identify and map exposed privileged password hashes and all related vulnerable machines on a network. CyberArk DNAâ„¢ is a patent-pending, light-weight, stand alone tool that exposes the magnitude of privileged account security risks by enabling organizations to easily identify and analyze all privileged accounts across their network. CyberArk DNA v4 free trial licenses are currently available to all businesses for a limited time.

Pass-the-Hash attacks represent a significant risk to organizations because they are frequently used as an attack vector in advanced threats. Pass-the-hash attacks capture account logon credentials on one computer and then use those credentials to gain access to other computers on the same network. Attackers use this technique to gain a foothold and harvest hashes to steal access to privileged systems and machines, traveling across the network until reaching their ultimate target â€" a companyâ€™s intellectual property or data.

â€œPass-the-Hash attacks have been an attack vector in some of the most spectacular breaches, and they continue to be a major threat to businesses,â€ said Roy Adar, vice president of product management at CyberArk. â€œUnderstanding the extent of the vulnerability is the critical first step in mitigating the risk of pass-the-hash. CyberArk DNA is the only tool on the market designed to identify and visualize an organizationâ€™s privileged account risk exposure â€" being able to simultaneously scan for pass-the-hash vulnerabilities is a natural extension of the security and audit tool.â€

Preventing Pass-the-Hash â€" Privileged Account Security

Password hashes serve as an authenticator across a network, making them a priority target for attackers. Hashes on endpoints often include the privileged credentials of a network administrator, or services that perform privileged actions on the endpoint. Attackers who penetrate these endpoints can steal the hashes to escalate their network privileges to help carry out their attack. Because of this, tight control and security of privileged credentials can dramatically reduce a companyâ€™s exposure to pass-the-hash attacks.

The first step in addressing pass-the-hash vulnerabilities is to understand the risk landscape in the enterprise. CyberArk DNA v4 is the first tool to identify password hashes, locating all vulnerable machines on a network to provide the most accurate and reliable data about an organizationâ€™s exposure. Best practices for protecting against pass-the-hash attacks include:

- Securing administrative access to machines with password masking and aging credentials. This reduces the risk of attackers gaining access to the hashes;
- Frequently changing privileged account passwords (CyberArk recommends automating password changes and restricting them to one-time use to ensure tight security standards);
- Implementing and enforcing least privileges for all administrators.

The latest release of CyberArk DNA v4, combined with CyberArkâ€™s full portfolio of privileged account security solutions, provides businesses with the most complete solution for protecting against pass-the-hash attacks.

CyberArk DNA v4 is available today. For a free trial of CyberArk DNA or for more information, please visit http://www.cyberark.com/discover-where-your-privileged-accounts

For more information on how CyberArk protects against pass-the-hash attacks, please visit http://www.cyberark.com

/contact/solution-brief-pass-hash

CyberArk will demonstrate CyberArk DNA in booth #915 in the South Hall at the RSA Conference, February 24 â€" 28, 2014 in San Francisco.

About CyberArk

CyberArk is the only security company focused on eliminating the most advanced cyber threats; those that use insider privileges to attack the heart of the enterprise. Dedicated to stopping attacks before they stop business, CyberArk proactively secures against cyber threats before attacks can escalate and do irreparable damage. The company is trusted by the worldâ€™s leading companies â€" including 35 of the Fortune 100 â€" to protect their highest value information assets, infrastructure and applications. A global company, CyberArk is headquartered in Petach Tikvah, Israel, with U.S. headquarters located in Newton, MA. The company also has offices throughout EMEA and Asia-Pacific. To learn more about CyberArk, visit www.cyberark.com, read the company blog, http://www.cyberark.com/blog/, follow on Twitter @CyberArk or Facebook at https://www.facebook.com/CyberArk.

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