Privileged Attack Vectors: Building Effective Cyber-Defense Strategies to Protect Organizations

By Morey Haber

Apress. Paperback. Condition: New. See how privileges, passwords, and vulnerabilities can be leveraged as an attack vector and breach any organization. Cyber-attacks continue to increase in volume and sophistication: its not a matter of if, but when your organization will be breached. Attackers target the perimeter network, but in recent years have refocused their efforts on the path of least resistance: users and their privileges. In decades past an entire enterprise might be sufficiently managed through just a handful of credentials. However todays environmental complexity means privileged credentials are needed for a multitude of different account types (from Domain admin and sysadmin to workstations with admin rights), operating systems (Windows, Unix, Linux, etc.), directory services, databases, applications, cloud instances, networking hardware, Internet of Things (IoT), social media, and more. When unmanaged, these privileged credentials pose a significant threat from internal hackers and insiders. There is not one silver bullet to provide the protection you need against all vectors and stages of an attack. And while some new and innovative solutions will help protect against or detect the initial infection, they are not guaranteed to stop 100 of malicious activity. As the volume and frequency of privilege-based attacks continues to...

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