

*Privileged Identity and Access  
Management*

# The New Cyber Battleground: Inside Your Network (Privileged Accounts)

*You have heard this before!*

The new battleground for cyber attacks is not outside the perimeter, it's actually inside your network. With today's advanced attacks (example malware & phishing) make it easy to breach the perimeter. Therefore, protecting the perimeter is not an effective strategy. Strategies must move inside the organization, assuming the attacker is already there.

And, attacks aren't always coming from the outside. While not as common as external attacks, internal breaches typically have a much bigger impact (think Snowden).

Regardless of how the attack originates, once an attacker is inside the perimeter and has access to a privileged credential (password or SSH key), the attacker (or malicious insider) has full control of the network including desktops, laptops and servers, security solutions, domain controllers and databases and applications. In essence, a compromised credential means you have completely lost control of your infrastructure and the tools you have invested in to protect the network.

And lastly, because privileged accounts are powerful and pervasive, they are an important aspect of many compliance regulations. Failure to meet compliance requirements can lead to brand damage and significant costs due to failed audits.

To salvage the situation, PwC has set out to help organizations frame a comprehensive Privileged Identity & Access Management program that is aimed to detect, identify, manage and monitor privilege access. We have deeply ingrained the below mentioned features into each of the our services offered. The features are designed to ensure clear identification of privileged accounts, understanding of requirements, robust design, scalable implementations and easy tool management



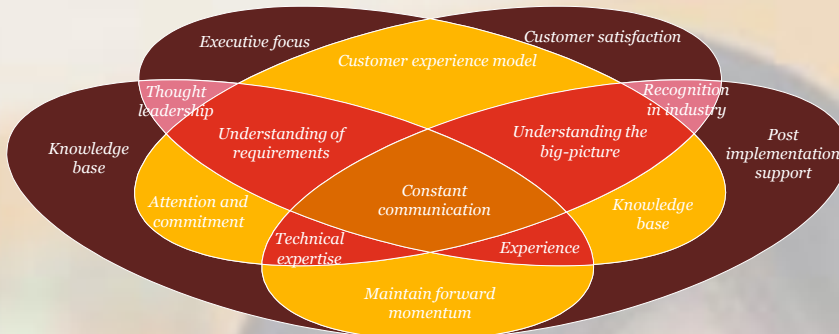
*How we solve it!*

As a strategic partner to our clients, PwC is committed to provide the best of PIM/PAM automation services from strategy to execution. Some of our key services are:



We look at things a bit differently, which has help our clients achieve certain strategic benefits through our implementations. Not only do we have the technical expertise to get things done, but we also see the bigger picture for our clients. This helps us build tailored solutions

grounded on rigorous analysis of data to create a lasting differentiated value for our clients. We challenge conventional assumptions and bring an innovative perspective. Some of the critical success factors are as enumerated:



How we solve it!

Meet the world-class Architects

With more than 10+ Cyberark/ Arcos specialists in India, PwC is one of the India's leading PIM/PAM practices. We assemble an unrivalled breadth and depth of capability from various aspects of PIM/PAM and Cyber-security (including Strategy) to create tailored solutions for our clients from 'strategy through execution'. Apart from PIM/PAM specialists, PwC India has over 300 Security experts, enabling us to meet client's expectations for process improvement, expert advice, quality, value, and timeliness.

We, at PwC, believe 'Practice maketh man'; hence we provide impetus to training and knowledge building. Hence we have setup our own instances to conceptualize and simulate various use-cases, integrations with different PIM tools and impart trainings. The instances are equipped with good-connectivity, latest upgrades and commercial tools.

Through effective collaboration across our network and sharing our knowledge, tools and methods we can ensure we are effectively leveraging our global talent and investments to deliver next generation market leading solutions to our clients.

Below is depiction of comprehensive controls on privileged activity.



**Lock Down Credentials**

**Protect privileged passwords and SSH keys**

Password Vault  
SSH Key Manager  
Application Identity Manager



**Isolate & Control Sessions**

**Prevent malware attacks and control privileged access**

Privileged Session Monitor  
On-Demand Privileges Unix & Windows



**Continuously Monitor**

**Implement continuous monitoring across all privileged accounts**

Privileged Account Monitoring

Our unparalleled experience!

Our core strength lies in our varied and practical experience in implementing and supporting Privilege ID management use cases on for various large complex and global businesses. Our ability to visualize the business objectives of the client and to align the design to drive the objectives has always put us in the forefront. Deep technical knowledge combine with passion to serve to the best for our clients has lead to completion of implementations in record time with optimal resources. In India, we currently have multiple Cyberark & Arcos implementations running in tandem. These implementations include strategy, implementation, automation, diagnostics and sustenance.