



## Securing the Cloud - Solution Brief

# Privileged Access Management

Privileged Access Management (PAM) tools have proven to be essential components of information security and compliance programs, yet privileged account compromise remains a significant issue despite broad scale adoption of password vaults.

Data breaches have become commonplace, and despite significant investments in perimeter and endpoint security, breaches typically begin at the desktop and server layers of an organization's IT infrastructure and spreads through the overabundance of privileged access rights (standing privilege) to each system and other misconfigurations and vulnerabilities that attackers exploit.

Many traditional PAM solutions focus on controlling access to accounts and their passwords, not on the activities the administrator needs to perform. The result is minimal reduction of an organisations attack surface because the accounts still exist on the endpoint and can still be compromised. Furthermore, traditional PAM tools are far too complex, an effective PAM solution should make it easy to overcome the challenges and limitations of traditional PAM offerings and secure, control, manage, and monitor privileged account usage through a just-in-time, just-enough privilege approach.

Our approach to privileged access management fills the gaps and overcomes the challenges of traditional PAM solutions, intuitive discovery tools uncover privileged accounts and the misconfigurations attackers exploit to gain endpoint access and traverse across the network, this provides comprehensive visibility into an organisation's privileged account footprint, surgical control over privileged account usage, and the ability to effectively reduce the threat surface and lateral movement attacks privileged accounts allow.

Privileged Access Management means enabling secure, task task-based administrative access delivered just just-in -time with just just-enough privilege, while reducing the standing privileges that shape the overall attack surface.

### Key Features

**Discover** privileged account with standing access to system, application, and data infrastructure.

**Onboard** accounts for management and remove standing privileges to reduce the attack surface.

**Grant** the exact level of permission needed to the user to perform the desired administrative function.

**Connect** users directly or via proxy for advanced session monitoring.

**Remove** the user's access completely and clean the system to match desired state, eliminating advanced credential theft techniques.

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### About NG-IT

NG - IT Limited is a privately held IT Solutions partner providing next generation cloud infrastructure and cloud security. Our aim is to provide peace of mind for our customers so they remain focussed on managing and growing their business.

