

PROTECT AND DEFEND

Securing the AD Foundation

Microsoft® Active Directory® (AD) is the main source of authentication, identity management, and access control for more than 90% of organizations¹ – including government agencies.

When even a minor breach can cripple an agency, are Feds doing enough to keep this central resource secure?

The AD wall is **under attack**:

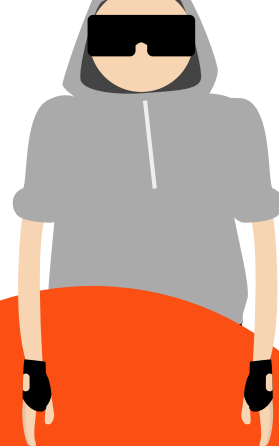
73% of IT infrastructure is built on AD



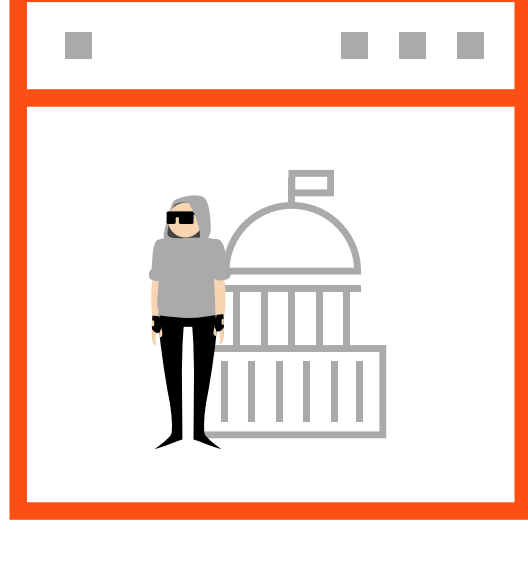
82% of applications rely on AD data

MAKING IT A **prime target**²

95 million accounts are under attack daily¹



For Feds, **security and compliance** are at stake:



More than

30,000

"**cyber incidents**" hit the government in FY2016³

81%



of Federal IT managers say the **sophistication** of cyber threats has **increased**⁴

Feds face mounting compliance and security requirements:

- CDM
- NIST's Cybersecurity Framework
- FISMA



Insider threats are especially challenging:

Privilege misuse

a **TOP 3** issue⁵

51%

of Feds say unauthorized employees access protected government information at least weekly⁶



What's **threatening** AD security?



Lack of automated processes for access controls



Challenges enforcing data fidelity and company naming standards



Sharing of privileged credentials



Weak security controls

The good news?

Organizations can reduce the risk of security incidents and unauthorized access by fortifying their AD with multi-layered security.

Securing AD is a balancing act between granting Federal employees the rights they need to do their job and limiting access to secure groups with sensitive resources.

Quest's Active Directory security suite offers powerful integrated and automated capabilities to supplement your AD's native security mechanisms and protect critical systems and data from threats.

NEXT STEPS

Explore the logical and administrative layers of security that your agency should implement to improve your AD security posture

Download: [Designing a Multilayered, In-Depth Defense Approach to AD Security.](#)

¹ <http://www.zdnet.com/article/active-directory-czar-rallies-industry-for-better-security-identity>

² <https://www.quest.com/community/b/en/posts/infographic-how-does-your-active-directory-align-to-today-s-business>

³ <https://fcw.com/articles/2017/03/10/fisma-report-omb.aspx>

⁴ <https://www.meritalk.com/study/cyber-convergence>

⁵ <http://www.verizonenterprise.com/verizon-insights-lab/dbir/2017>

⁶ <https://www.meritalk.com/study/inside-job-the-sequel>