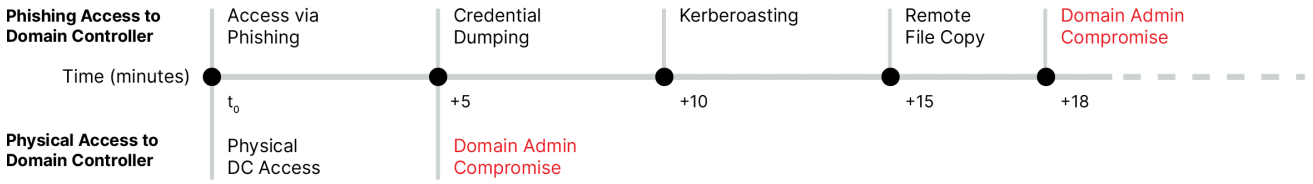
Privilege Assurance

Protect Active Directory (AD) and cloud credentials the key controllers of your domain network

Active Directory and cloud credential repositories serve as the beating heart of the enterprise's critical infrastructure. They fulfill critical functions including identity provider, relationship storehouse, configuration management database, and policy enforcer. As such it is the single point of failure on which most security programs rise or fall.

So it comes as no surprise that most headline-grabbing attacks involve breaking into AD. As Ed Amoroso, former CISO of AT&T and CEO of the global cybersecurity consultancy TAG Cyber, has cautioned in recent years, "When really good hackers break into your perimeter, when they get in the enterprise, they don't walk, but they run to your Active Directory, because it provides a map of your entire network."[1]

Since AD provides authentication for employees, when authentication is compromised, the integrity of the entire security program is compromised.



Avoid an Active Directory (AD) or cloud credential disaster

In an analysis of over 250,000 endpoint devices from medium to large enterprises:[2]

- Every single corporate network showed evidence of a targeted intrusion,
- 34% of the threat activities identified involved lateral movement activity, and
- Nearly 10% of all targeted intrusions consisted of "Kerberoasting" an attack method that allows an attacker to crack the passwords of service accounts in AD offline and without fear of detection.

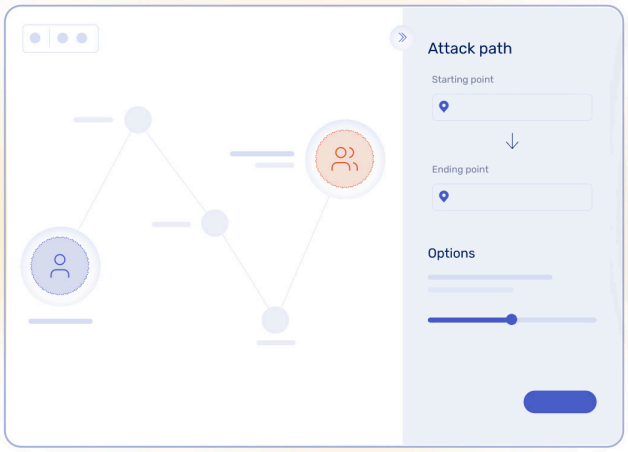
Enterprises find it challenging to stop attackers from exploiting AD, because it needs to be open in order to work, and the ways to configure (and mis-configure) it are endless.

[1] Zonic Group. "Defending Active Directory". 2017.
[2] APNIC. "New Generation of Attacks Targeting Active Directory Can be Mitigated". 2019.

Quickly visualize, monitor, and protect your AD

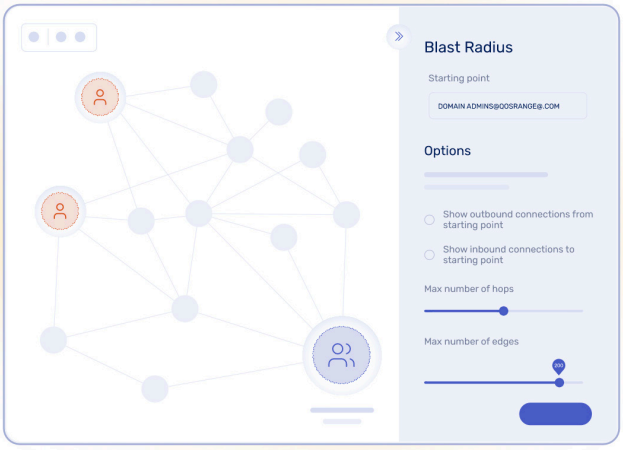
Implementing reliable privilege monitoring is the most critical step to protect your AD environment: QOMPLX Privilege Assurance is the solution.

It accurately identifies weaknesses in your AD environment, spotlights high risk accounts, and immediately alerts you to pockets of privileges malicious actors could exploit.



Attack path

Displays the pathways an adversary can use to reach a target from a start point, using a configurable number of "hops."



Blast Radius®

Shows all nodes that an attacker can reach after compromising a given start node.

High value visualizations

Our best-in-class Privilege Assurance with graphed visualization, enables you to recognize different attack paths to your high value targets, predict damage by seeing the **"blast radius"** of a potentially compromised asset, and see highlighted misconfigurations that can cause harm.

Fast implementation

QOMPLX Privilege Assurance includes an AD analysis function delivered via an easy to install collector - one per forest. It takes just minutes to install, map complex, multi-forest AD environments, and illuminate the pathways that attackers may take to your organization's most sensitive and valuable assets.

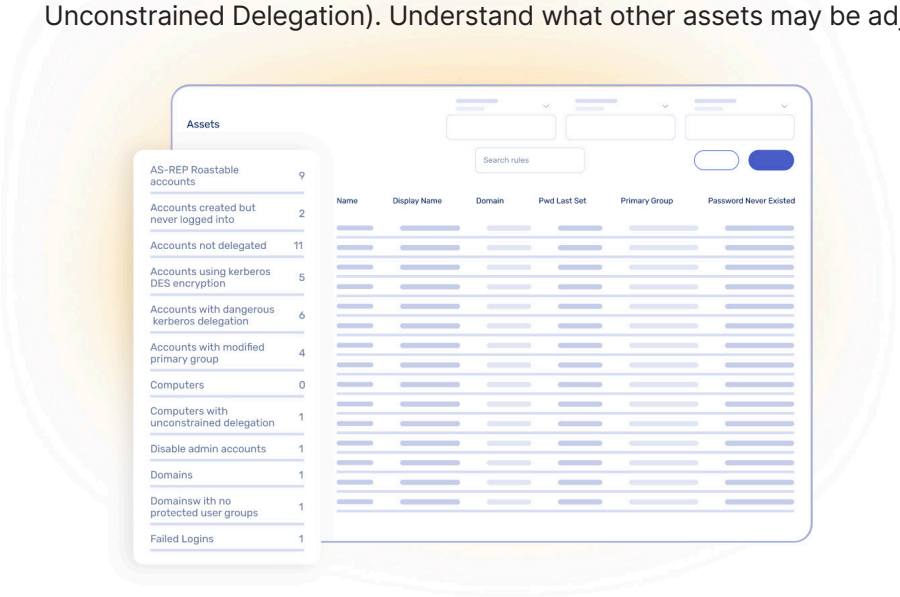
World-class performance

With QOMPLX Privilege Assurance, its intuitive design and easy-to-use features makes monitoring your Active Directory (AD) security simple. Key features include:

Effortless administration	Powerful analytics
■ Identify over-privileged accounts, such as non-administrator accounts, with rights to add computers to a domain and other excessive non-admin permissions.	■ Provide board-level risk metrics that go beyond simple measures of activities.
■ Review password-policy compliance on all accounts, flagging accounts out of policy based on the age of the account password, and identify admin account passwords with no expiration date.	■ Visualize blast radius, lateral movement pathways, and attack vectors for hardening your Active Directory security and incident response operations.
■ Identify stale accounts and machines without successful log-ins during a custom time period.	■ Identify and monitor accounts in close proximity to sensitive domain administrator accounts.
■ Find end-of-life assets, such as machines running an operating system that's no longer supported and can no longer be patched or updated.	■ Identify "Kerberoastable" accounts that are likely at risk of compromise.

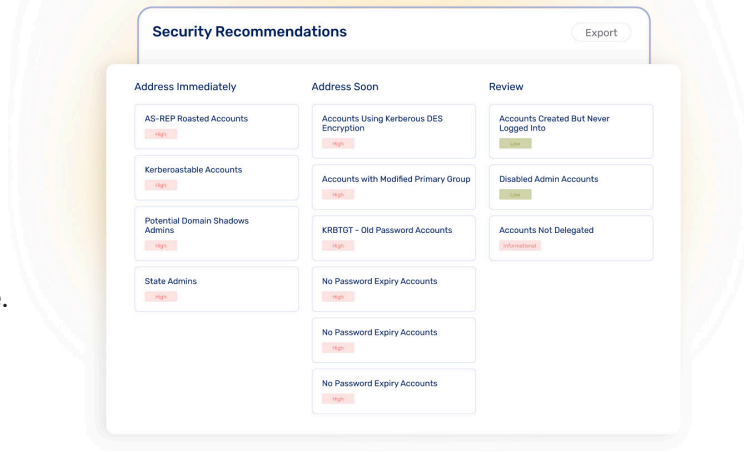
Dive into key metrics

Easily navigate across your Active Directory environments and inspect items as you wish. No need to access domain controllers directly or navigate through layers of hierarchy. The Privilege Assurance graph tool allows you to increase your context and insights into raw objects from your domain controllers as well as computed and presented assets based on heuristics or relevant business logic (Kerberostable accounts, Unconstrained Delegation). Understand what other assets may be adjacent and/or of high value.



Focus your attention on the events that matter

As our system ingests your directory information, we perform heuristics and compile a set of recommendations that are divided into relevant categories of urgency based on your risk exposure.



Directory changes that trigger notifications

As our agent ingests discrete changes to your directory system, custom alerts can be derived. For example, if a new domain controller was added to your environment, you will receive an alert.

Did you know that was supposed to be happening? A new user was just added to your Enterprise Admin group. Did you plan that?

Defend your AD and cloud credentials with QOMPLX Privilege Assurance

It's time to stop thinking about what you'll do if an attack happens on your AD environment, and time to start building your defenses. With QOMPLX Privilege Assurance, the benefits are immediate:

- **Executive insights** for critical cyber risks that your Board should know about.
- **Monitoring made easy** to identify over-privileged accounts and groups.
- **Better cyber hygiene** by identifying and removing unpatched and exposed systems.
- **Meaningful metrics** with visibility into assets, threats, and risks to your business.

Start a free 30-day trial today! Contact us.

info@QOMPLX.com | qomplx.com

Why QOMPLX®

QOMPLX harnesses data to provide unified visibility into cyber risks and trust in identity. QOMPLX solutions reduce cyber risk and attack surfaces by mapping exposures and performing real-time detection of attacks. This approach increases network observability by closing the largest remaining gaps in cybersecurity: identity verification, cross-tool data fusion, and data interoperability. QOMPLX defends some of the world's most renowned brands by re-establishing trust for client organizations, assuring authentication, and enabling confident security decisions.

For more information, visit qomplx.com and follow us @QOMPLX.