ONE IDENTITY by Quest

One Identity Safeguard for Privileged Analytics

Detect and prevent security breaches related to privileged access

Overview

As an IT security manager, you know better than to think your company will never experience a privileged account breach. Today, it takes organizations an average of 206 days[1] to identify a breach. And time is money – and risk. So, whether the breach is from a hijacked privileged account or an admin gone rogue, the longer it goes undiscovered, the more time there is for the infiltrators to find and steal data, and for fines and more forensic expenses to add up.

You have probably had to provide privileged access beyond your trusted administrators. You might have expanded to include outsourced admins from outside consultants who could be based anywhere in the world. So how can you ensure that admins who have privileged access are using it for good and not evil?

With One Identity Safeguard for Privileged Analytics, you know who your most risky users are, you keep a constant lookout for new internal and external threats, and can detect unusual privileged behavior. This powerful solution gives you full visibility into your privileged users and their activities, and if there is an issue, you can take immediate action and be well positioned to prevent data breaches.

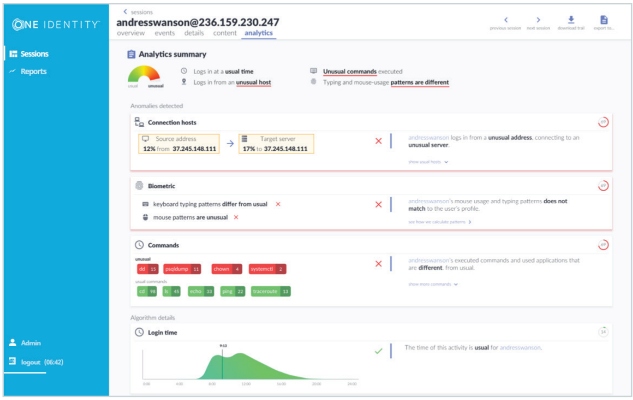
Benefits

- Provides insight into what is happening in your IT system by tracking and visualizing user activity
- Continuous authentication through constant analysis of keystroke dynamics and mouse movements
- Identifies unusual deviations from baseline activity with machine learning
- Shortens time to detect a security incident with contextual information and risk-based prioritization of recorded sessions
- Reduces the noise of security alerts so you can focus on what matters
- Enhances security by terminating connections when an alert is thrown about potentially nefarious activity

Easily determine risky users and behavior

Quickly see if a user's activity is unusual and potentially risky with the analytics summary view. It contains a summary of unusual commands, biometric activity, and connection hosts.

[1] Ponemon's 2017 Cost of Data Breach Study



Logs in at a **usual time**

Logs in from an **unusual host**

Unusual commands executed

Typing and mouse-usage **patterns are different**

andresswanson logs in from a **unusual address**, connecting to an **unusual server**.

andresswanson's mouse usage and typing patterns **does not match** to the user's profile.

andresswanson's executed commands and used applications that are **different**. from usual.

The time of this activity is **usual** for andresswanson.

Features

Detect unknown threats in real-time

Rules-based security will fail to detect new external attack methods or malicious insiders. Safeguard for Privileged Analytics tracks and visualizes user activity in real-time for a better understanding of what is really happening in your IT environment. It doesn't require pre-defined correlation rules; it simply works with your existing session data.

Pattern free operation

Instead of using pattern-based matching to detect 'known bad' behavior - which is often incorrect - Safeguard for Privileged Analytics uses data collected from your IT environment. It creates a baseline of 'normal' behavior and detects deviations by using various machine learning algorithms.

Screen content analysis

By analyzing the screen content of privileged sessions and understanding the issued commands and window titles Safeguard for Privileged Analytics can enrich the baseline behavior profile of the regularly used commands and applications of your privileged users. This granular analysis facilitates the identification of typical behavior and the detection of privileged identity thefts.

Behavioral biometrics

Each user has its own idiosyncratic pattern of behavior, even when performing identical actions, such as typing or moving a mouse. The algorithms built into Safeguard for Privileged Analytics inspect these behavioral characteristics captured by Safeguard for Privileged Sessions. Keystroke dynamics and mouse movement analysis not only help you identify breaches, but also serve as a continuous, biometric authentication.

Reduce alert noise

Privileged Analytics reduces alert noise generated by SIEMs by categorizing user events based on risk and deviation levels, and highlighting the most suspicious events. Alerts can be sent to SIEMs or your security analysts can view a prioritized list of events on the intuitive user interface, enabling them to focus on the most important ones.

Automated response

In most attack scenarios, high-impact events are often preceded by a reconnaissance phase. So, detection and response during this phase is critical to preventing damaging activity. Seamless integration with Safeguard for Privileged Sessions enables automated session termination whenever a highly suspicious event occurs, or malicious behavior is detected.

The One Identity approach to privileged access management

The One Identity portfolio includes the industry's most comprehensive set of privileged access management solutions. You can build on the capabilities of One Identity Safeguard for Privileged Analytics with solutions for session and password management, granular delegation of the UNIX root account and the Active Directory administrator account; add-ons to make open source sudo enterprise-ready; and keystroke logging for UNIX root activities – all tightly integrated with the industry's leading Active Directory bridge solution.

About One Identity

One Identity delivers unified identity security solutions that help customers strengthen their overall cybersecurity posture and protect the people, applications and data essential to business. Our Unified Identity Security Platform brings together best-in-class Identity Governance and Administration (IGA), Access Management (AM), Privileged Access Management (PAM) and Active Directory Management (AD Mgmt) capabilities to enable organizations to shift from a fragmented to a holistic approach to identity security. One Identity is trusted and proven on a global scale – managing more than 250 million identities for more than 5,000 organizations worldwide. For more information, visit www.oneidentity.com.

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