

Insider Threats

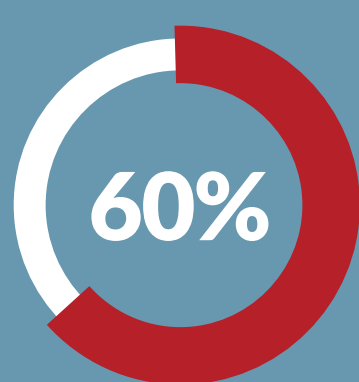
IN THE CLOUD



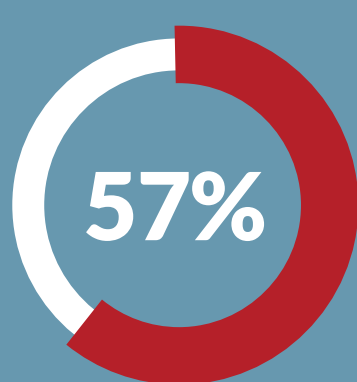
Hiding in Plain Sight: The Insider Threat

With the rise of cloud services, a new threat landscape has emerged. Unfortunately, many CISOs focus on external threats and overlook the most active threat to their cloud environment – the insider.

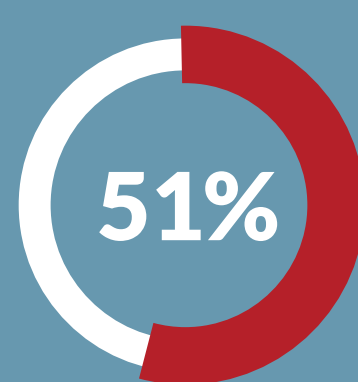
Which insiders pose the biggest threat?



Privileged IT users and administrators



Consultants, contractors, and other temporary workers



Regular employees

The insider threat is growing.

44% of enterprises experienced an insider attack in the last 12 months

44%

56%

74%

74% of enterprises feel vulnerable to an insider attack

56% of enterprises think that insider attacks have become more frequent in the last 12 months

But many enterprises do not feel confident in their ability to secure their cloud environment against insider threats.

21%

21% of enterprises do not monitor user behavior at all

42%

Only 42% of enterprises feel they have controls in place to prevent an insider attack

66%

66% of enterprises feel it's more difficult to detect an insider attack than an external attack

Why are insider threats so difficult to detect and remediate?

67% of enterprises say insiders already have access to the network and services

67%

53% of enterprises say increased use of applications can leak data (e.g., Web email, DropBox, social media)

53%

46% of enterprises say increased amount of data leaves the protected boundary/perimeter

46%

How many enterprises are monitoring for insider threats today?

35%

35% of enterprises implement user monitoring to overcome insider threats

15%

Only 15% of enterprises monitor user behavior 24x7



Implement a CASB with built-in UBA.

A cloud access security broker (CASB) with built-in user behavior analytics (UBA) capabilities creates a baseline of normal activity for a user in a cloud service and flags anomalous behavior.

A CASB will also compare an individual user's behavior to other users in the cloud service to determine if a user's behavior is abnormal compared to peers.



IaaS

PaaS

SaaS

Source: Insider Threat Spotlight Report 2016 http://palerra.com/locked_item/insider-threat-report-2016/

Need help overcoming insider threats in your cloud environment?

We invite you to explore Palerra.

Palerra is a leading cloud access security broker (CASB) with a revolutionary approach to securing your entire cloud footprint. As the pioneer of API-based CASBs, Palerra LORIC™ is the only CASB to provide visibility and security across SaaS, IaaS, and PaaS environments.

To learn more about how to secure your entire cloud footprint against insider threats, download the free white paper, "[Hiding in Plain Sight: How a CASB with Built-In UBA Unmasks Insider Threats in the Cloud.](#)"