

Cloudflare + Uptycs

Embed Zero Trust into your IT ecosystem with Uptycs and Cloudflare

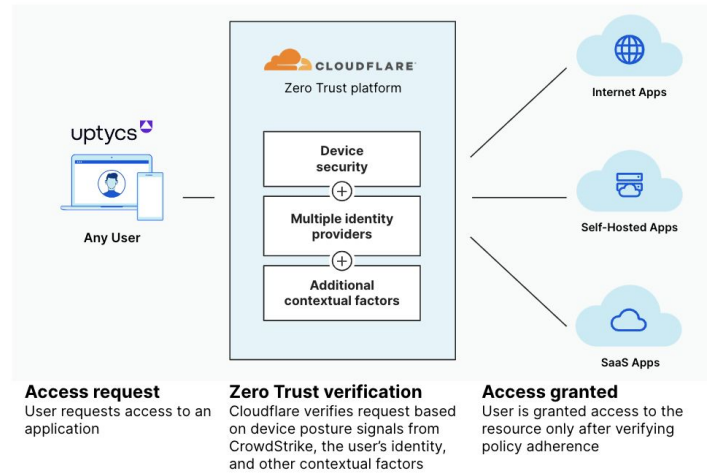
Secure Access Beyond the Perimeter

Seamlessly Implement Fleet-Wide Zero Trust Scores

With increasingly remote and hybrid global workforces, organizations are seeing their employees, contractors, and vendors access sensitive corporate resources from numerous devices. The ability to secure these resources means ensuring that all connections originate from secured devices and verified users.

Cloudflare's endpoint integration with Uptycs enables mutual customers to easily configure access rules using device posture signals from Uptycs. All users can now seamlessly resolve the pain points of ensuring fleet-wide Zero Trust implementation, and enforcing dynamic Zero Trust rules to productivity endpoints or cloud workloads.

Additionally, users can view Zero Trust scores from Uptycs in their Cloudflare platform, with the service provider check integrating the data into their Cloudflare Zero Trust Dashboard.



Access request
User requests access to an application

Zero Trust verification
Cloudflare verifies request based on device posture signals from CrowdStrike, the user's identity, and other contextual factors

Access granted
User is granted access to the resource only after verifying policy adherence

Figure 1: Cloudflare \leftrightarrow Uptycs Integration

Integrate Uptycs Zero Trust scores with the Cloudflare platform to ensure that user devices are configured and managed correctly.

Zero Trust scores validate these configurations and reduce the attack surfaces for your devices.

Verify posture to give users faster, safer access to corporate resources



Deployment speed

Instant-on Zero Trust scores for MacOS and Windows productivity endpoints and for Linux and Windows cloud workloads.



Ease-of-use

Monitor the security posture for all of your organization's assets right from your Cloudflare Zero Trust dashboard.



Prevent lateral movement

Ensure that infected or vulnerable devices are blocked from accessing sensitive data (e.g. account credentials).

Under the Hood of Uptycs Zero-Trust

Uptycs dynamically assigns zero-trust scores to your assets by assessing the device against a series of compliance checks and user-driven security information.

These compliance checks run on the endpoints at an interval of every five minutes on the online hosts. Depending on whether the checks passed or failed, and the severity specified for each compliance check, the zero trust score is calculated.

For example, a team has defined twenty compliance checks a severity defined as either Low, Medium, High or Mandatory. If one of the compliance checks with Mandatory severity fails, then the zero trust score returned is 0 since Mandatory is the highest severity weightage. In another case, if there are ten compliance checks with severity defined as High or Medium. If one of the compliance checks with High severity fails, then the zero trust score is penalized more than if a Medium check had failed. This allows for a dynamic range of zero-trust scores for devices accessing critical resources or infrastructure. Exceptions can be added for critical host devices or servers that would otherwise have difficulty proving their compliance checks.

After calculating, Uptycs sends this zero-trust score in real-time to Cloudflare, giving rich additional context to authorization and authentication.

“The Uptycs and Cloudflare partnership brings comprehensive Zero Trust risk scoring capability to your fleet, providing increased security across your productivity endpoints and the sensitive data and critical assets they access. Joint customers will be able to verify the security posture of user devices in real time with minimal disruption to the user experience.”

Bryan Sadowski, VP of Tech Alliances at  uptycs



About Uptycs

Uptycs, the first unified CNAPP and XDR solution, reduces risk by prioritizing your responses to threats, vulnerabilities, misconfigurations, sensitive data exposure, and compliance mandates across your modern attack surface—all from a single UI. This includes the ability to tie together threat activity as it traverses on-prem and cloud boundaries, thus delivering a more cohesive enterprise-wide security posture. Shift your cybersecurity up with Uptycs.

A roadmap to Zero Trust

Get started today

Looking to get more information first?

[Learn more here.](#)