

# Barracuda CloudGen Access

## Secure Access to Internal Apps and Data

The modern enterprise is distributed, creating new challenges to secure users, servers, and devices. Organizations cannot rely on VPNs in this new ecosystem. Exposed networks, unmonitored user identities, unknown device security status, and complex switching between VPNs are well-known issues. No company can accept the level of risk inherent in VPNs. CloudGen Access is the modern VPN replacement to deliver zero trust secure access anywhere, on any infrastructure or device, ensure protection of critical data, and empower employees.

### Deliver Zero Trust Access

Global, remote, nomadic work is here. CloudGen Access offers continuous, real-time security and compliance for any device on any network. Validate that devices outside the perimeter trying to access your infrastructure are authorized to do so. Ensure that devices meet your baseline security and compliance requirements before granting access. Streamline access to the right resources without expanding your risk profile.

Role-based access alone cannot support new regulatory compliance requirements. CloudGen Access adds a new layer of attribute-based access control to ensure access for traveling or remote-working employees and partners. Grant contextual access to trusted users and devices, gain total visibility into access activities, and mitigate risks.

Most importantly, your data never leaves your network. All activity takes place at the device-level which ensures data privacy as well as user privacy. This significantly increases employee compliance with corporate security policy.

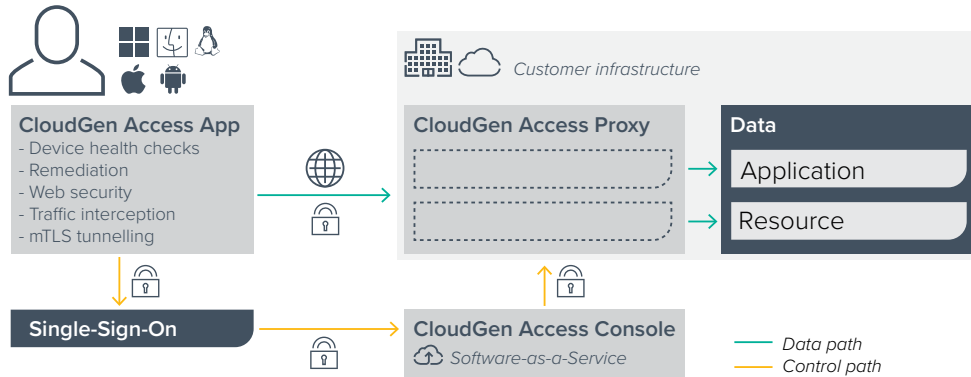
### Expand protection and visibility

Web-based attacks such as credential theft, phishing, drive-by downloads, and malvertising are the largest cybersecurity challenges facing corporations today. CloudGen Access protects resources from these threats with first-of-its-kind continuously updated content filtering and real-time alerts. Always know the security state and posture of trusted devices and who has access to your network and resources. CloudGen Access segments apps and VMs based on user roles to limit exposure. Be confident that no compromised devices are on your network.

## Elevate user productivity

Today's enterprises must secure roaming devices and laptops from coffee shops to hotels to co-working spaces, while maintaining corporate network speed and access. CloudGen Access preserves network bandwidth and speed, eliminating the latency associated with VPNs that can negatively impact the user experience. Corporate users gain hassle-free access to multiple VPN sites from a single profile, plus a built-in remediation engine that lets users fix access issues and increases awareness of device security.

### How it Works



#### CloudGen Access App

- Self provisioning
- Very low power consumption
- Integrated identity & device health check
- Single Sign On
- Same look and feel across platforms
- Support for Windows, macOS, Linux
- Mobile apps for iOS and Android

#### CloudGen Access Proxy

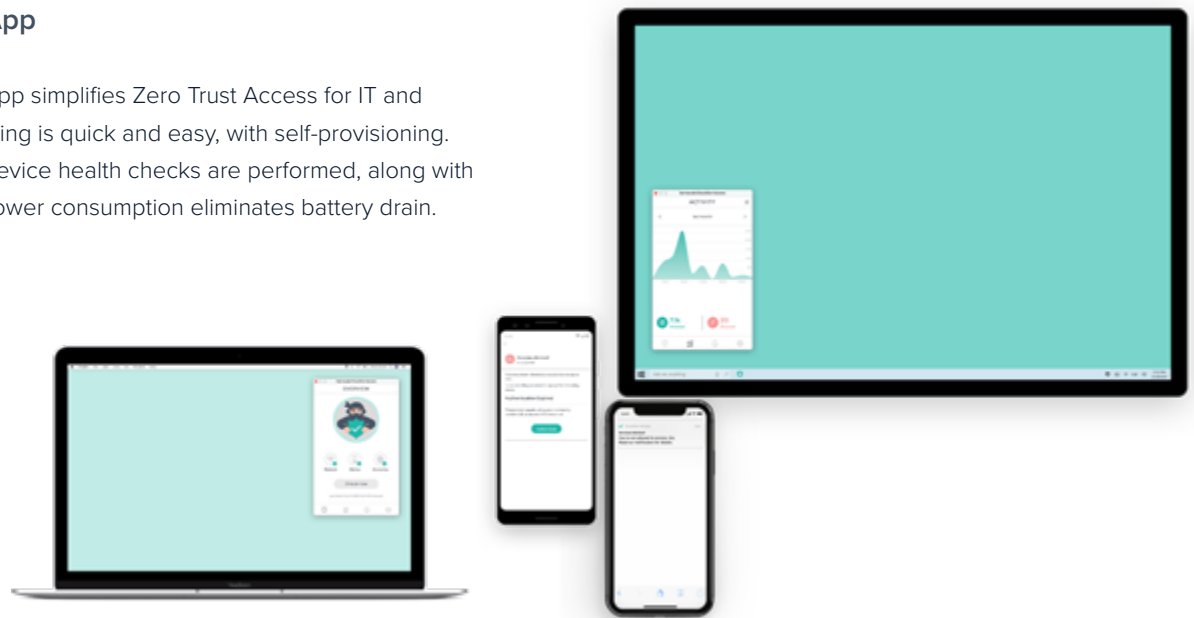
- Easy setup with automated single parameter deployment
- Enforces authentication and authorization
- Available for Docker, AWS, PKG, Kubernetes, and VMware
- Service included with every Barracuda CloudGen Firewall for quick ZTNA rollout

#### CloudGen Access Console

- SaaS management platform
- Configuration of proxies and access policies
- DNS security and track access

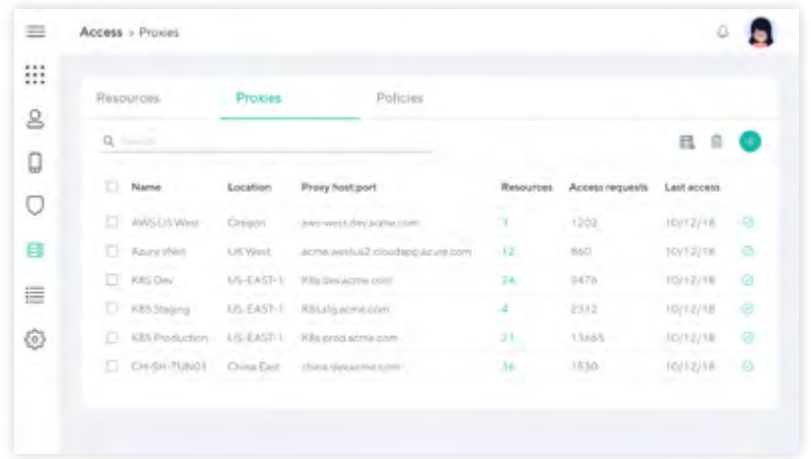
## CloudGen Access App

The CloudGen Access App simplifies Zero Trust Access for IT and end users. User onboarding is quick and easy, with self-provisioning. Integrated identity and device health checks are performed, along with auto remediation. Low power consumption eliminates battery drain.



## CloudGen Access Proxy

The CloudGen Access Proxy enforces access from any type of network, not just the Web or APIs. It listens to requests, checks permissions, and proxies them for continuous authentication and authorization. CloudGen Access Proxy is easy to set up and deploy. It runs on AWS, Docker, Kubernetes, VMware, and more.

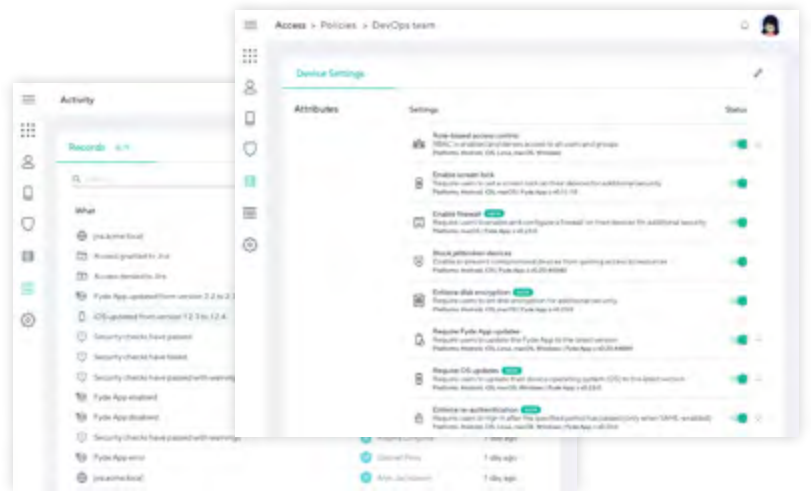


The screenshot shows the 'Access > Proxies' page in the CloudGen console. It features a table with columns for Name, Location, Proxy host/port, Resources, Access requests, and Last access. The table lists several proxies for different environments like AWS, Azure, and K8S.

Name	Location	Proxy host/port	Resources	Access requests	Last access
AWS-US-West	Oregon	aws-west.dev.acme.com	3	1202	10/12/18
Azure (West)	US West	acme-west.us2.cloudapp.azure.com	12	860	10/12/18
K8S Dev	US-EAST-1	192.168.1.100	24	3476	10/12/18
K8S Staging	US-EAST-1	192.168.1.101	4	2312	10/12/18
K8S Production	US-EAST-1	192.168.1.102	21	13665	10/12/18
CH-SH-TUN01	China East	china-dev.acme.com	36	1830	10/12/18

## CloudGen Access Console

The CloudGen Access Console is an easy-to-navigate, one-stop overview of the users, roles, and threats on your network. Add or delete users, change app or server access, or update rules.



## Summary

CloudGen Access is the easiest path to Zero Trust, delivering access to all your apps and data on any device from any location. Easy to install and manage, CloudGen Access modernizes security for distributed enterprises, simplifies compliance, and upgrades performance.

