Secure Access To Critical Systems With TransientAccess

Cyflare's One Converged Security Platform (formerly SOC In A Box) service deploys managed appliances to end user networks via their channel partners. Cyflare needed a better way than SSH to securely remotely manage the devices.

Secure Access: SSH vs ZTNA

Cyflare has hundreds of appliances deployed to customers globally for remote security monitoring and management services.

While looking for a product to replace the default SSH access for appliance administration, Cyflare found TransientX's TransientAccess. Cyflare's goals were to:

- Implement a zero-trust model
- Move away from SSH
- Limit access to only the minimum resources and only to people needing access
- Reduce support overhead

The default manner of remotely managing the Cyflare appliances was via SSH. This came with a host of usability and security challenges. SSH was complicated to set up securely and manage, hampered by a lack of knowledge by partners and customers.

Now they simply login through the TransientAccess disposable container client. Policies set by Cyflare ensure they have visibility only to the appliances they are allowed to access. Cyflare automated a simple provisioning process that sclales and enforces the least privilege principal for who can access what.

Managing through SSH meant client firewall changes. It was a security failure to create pinholes in the firewall. In addition, the appliances needed to be placed in the DMZ. Now with ZTNA, they reside in the internal network.

As part of their search for a solution, Cyflare explored how they could implement true Zero Trust Network Access. Moving to VPNs were not an option as that would have created a whole new set of security issues. As part of the move to ZTNA, Cyflare was able to discontinue some legacy VPNs in place for other uses.

CYFLARE

Cyflare is a 24×7 Cyber Security Operations Center purpose built to enable VARs with MSSP and XDR services. It offers these benefits with no up-front investment or expertise required. CyFlare offers a wide array of managed security services that are either cloud delivered or pre-configured within its SOC In a Box that allows several hardware models and many security applications including Stellar Cyber NG-SIEM, Tenable, Cisco Umbrella, Transient X Remote Access.

Challenges

Replace SSH, ensure continuity of service 24 hours a day, 7 days a week.

Solution

TransientAccess ZTNA.

Benefits

- *Precise control of user's access to resources*
- *Authentication with strong 2FA*
- *Permanent encryption and control providing privacy*
- *Simple, automated provisioning that's consistent and sclable*

ZTNA Solution Evaluation: TransientAccess

They evaluated other ZTNA solutions on the market, but found shortcomings with all the alternatives. Some products were:

- Cloud-only
- Passed traffic through their own systems (creating regulatory and compliance issues)
- Limited to only web-based applications.

In addition to the technical advantages of TransientAccess, Cyflare selected TransientX because of the confidence in the team and the level of support they received.

Aside from the requirement of replacing SSH, another requirement for Cyflare was to host their own Controllers in order to deliver flexible provisioning for partners. The ease of deployment and support for different deployment options was another key factor in selecting TransientAccess.

The Cyflare team was able to go live within a few weeks from the demo, including the custom configuration work for their environment and the appliances.

TransientAccess provided the company with an identity-driven secure access solution with granular controls. Cyflare was particularly impressed by the cloud-native nature of TransientAccess, its authorization structure, and the technology used to hide network resources from attackers.

CYFLARE

"Moving to TransientAccess allowed us to focus more on our core services and worry less about the risk of a breach. Implementation of the solution is simple and requires no involvement from our customers. We practice what we preach, delivering for our customers a security management and monitoring solution that is itself truly secure from end to end.

*- **Evan Hausle,** Director of Sales Engineering*