Who is Cedrus?

We're a professional services firm that designs, architects, implements, and manages technology-powered solutions for the digital age. Our Cloud Security practice advises organizations on how to safely embrace the Cloud.

The on-premise to cloud journey creates new vulnerabilities that need be addressed by:

- Creating the right policies and procedures
- Effectively monitoring and managing cloud activity
- Implementing the appropriate technologies to enforce the necessary security controls

Our Partnership with Netskope

As a trusted Netskope partner, we help customers:

- Select the right components in the Netskope platform to meet requirements
- Implement the technology to meet standards & integration specifications
- Establish governance oversight and process models to make the implementation effective

THE CHALLENGE

Enterprises are moving away from hardware security appliances toward cloud security services. Blue Coat proxy technology has additional risk to customers due to multiple acquisitions resulting in lack of support and an unclear roadmap.

Blue Coat proxy customers considering migration have an investment in access policies specific to their environment and data centers.

- How are existing policies extracted, redesigned, and leveraged in a new platform?
- How is a new platform implemented with minimum impact to users and business operations?
- How can new cloud Secure Web Gateway (SWG) capabilities be leveraged for remote workers?

OUR EXPERTS AT CEDRUS CAN HELP

We can provide a low-risk and patterned approach to migration that incorporates your current proxy configurations as well as business and security requirements. Our skilled and certified consulting team can provide the experience and know-how to get it done. This includes an AS-IS analysis, a TO-BE target state, reconfiguration and testing in the new platform, and a full migration roadmap.

THE SOLUTION

New realities exist in the enterprise, including work from anywhere and serving compute power from the cloud. It is now best practice to implement an identity-centric and software-delivered perimeter with zero trust. One aspect in this new frontier is cloud delivered Secure Web Gateway (SWG) services.

Costly and cumbersome historical proxy appliances were setup on the edge of the internal enterprise network, requiring users to either be on-premises or VPNed into HQ. Remote users would often be required to VPN and then get re-routed back to the web adding latency and eating up corporate bandwidth.

Cedrus can assist your organization to migrate to Netskope for Web, a cloud delivered solution that is infinitely scalable, regionally relevant to wherever your users access the web, and has a consistent policy application environment across SWG, Cloud Access Security Broker (CASB), and other critical cloud security requirements. Organizations that leverage web delivered cloud services will be able to access these securely and seamlessly whether on-premises or working remotely; without heavy VPN clients needed.

CEDRUS APPROACH TO SUCCESS

Cedrus will work with your IT Security team in assessing the current configuration of Blue Coat proxy servers, documenting the current state, facilitating decisions on what to recreate and/or redesign as the approach in a Netskope for Web configuration in a Netskope Cloud Security Platform deployment. The end result of this initiative will include configurations in Netskope for Web to provide the appropriate future state Secure Web Gateway (SWG) proxy functionality along with a plan to transition from Blue Coat to Netskope for Web.

Cedrus Blue Coat Proxy Migration to Netskope for Web - A Low-Risk and Standard Approach	
Planning	Cedrus to prepare for a kickoff meeting and gather Customer information including Blue Coat / Symantec Proxy inventory list (if available). Cedrus to hold kickoff to review the planned approach.
Current State	• Customer to provide Sysinfo or expanded archive from each Blue Coat proxy • Cedrus to utilize data from Customer to capture current configurations and policy • Cedrus to organize and document configurations in format consumable for review and decision making (system and version information, policy configurations, exceptions, etc.)
Blue Coat Policy Assessment	Cedrus to analyze current policies and rules, examples: • Content filters / blocks • Exceptions • Blacklist/whitelist • Conditions • Subnets • Categories • Actions • Transactions/Transformers/Substitution
Future State Recommendations	Cedrus to document recommendations in a Blue Coat to Netskope Migration deliverable • Recommended changes to rules/policies/layers • Considerations for specific configurations • Considerations for traffic steering
Future State Policy Construction	Cedrus to configure and unit test Netskope for Web Future State • Configure real-time policies for unit test user/group(s) • Configure exceptions for unit test user/group(s) • Configure to match AS-IS as closely as possible • Configure alternate scenarios with recommendations • Unit test real-time proxy services through Netskope for Web on Customer approved test VDI/Workstations using Netskope Client • Ensure policy outcomes match
Netskope Rollout Strategy	Since Customer may have many Blue Coat proxy instances, specific security priorities, or specific proxies moving to end of life or up for renewal; Cedrus will create a Netskope Rollout Strategy document deliverable including prioritization of locations/regions, specific users, or specific proxies. It shall also include steering and support infrastructure recommendations, piloting, testing, acceptance, and deployment strategies.