Enabling Secure Remote Learning for International Students

AUGUST 20, 2020
Agenda

• Welcome

• Internet2 NET+ Palo Alto Engagement

• Prisma Access - Enabling Secure Remote Learning for International Students

• Princeton University: Prisma Access for International Students

• Q&A/Discussion
Logistics

• Participants microphones and video are turned off

• Please submit your questions via the Q&A functionality
  • Follow up questions, additional feedback may be directed to netplus@internet2.edu

• We will have time for interactive discussion at the end. Please use the “raise my hand” functionality and you will be un-muted (and make sure you un-mute yourself as well!)

• Today’s virtual event is being recorded and will be made available on the Internet2 NET+ Palo Alto Wiki: https://spaces.at.internet2.edu/pages/viewpage.action?pagId=172261803
Joe Karam
Associate Director for Network & Monitoring Services
Princeton

Nick Lewis
NET+ Program Manager, Security & Identity
Internet2

Paul Tarkington
Prisma Access Sales Specialist
Palo Alto Networks
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Internet2 NET+ Palo Alto Engagement

- Pre-Evaluation Service Offering to meet immediate institutional needs
  - A pre-service evaluation agreement for Palo Alto Networks Prisma Access Service is available to Internet2 higher education members and other research and education institutions.
  - This agreement has custom pricing and the ability to transition to the full NET+ Palo Alto service when service evaluation is completed.
  - The pre-service evaluation agreement for Palo Alto Networks Prisma Access Service is through a variety of resellers and you can learn more by contacting paloaltoneetworks@carahsoft.com.

- Service Evaluation includes Prisma Access, Cloud, and SaaS
  - 6 institutions participating. Sponsored by University of Nebraska.
  - Reviewing services to ensure they meet higher education standards in areas such as functional, technical, security and compliance, identity, business and legal, and other areas of importance.
  - Learn more at: https://spaces.at.internet2.edu/x/q4FECg
  - Interested in participating? Email Nick Lewis at nlewis@internet2.edu.
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Prisma Access - Enabling Secure Remote Learning for International Students

Paul Tarkington, Prisma Access/SaaS Specialist
ptarkington@paloaltonetworks.com
Technology & Current Events are Driving Permanent Changes

- Cloud & SaaS Adoption
- Work/Learn from Home & Mobility
- Demand for Global Education Delivery
Traditional Remote Access Architecture

- Complexity
- Poor User Exp.
- Security Gaps
Prisma Access - The Industry’s Most Comprehensive Secure Access Service Edge

Security as a Service Layer
- SSL Decryption
- Sandboxing
- CASB*
- DLP*
- ZTNA
- DNS
- Cloud SWG
- FWaaS

Network as a Service Layer
- SD-WAN
- IPSec VPN
- QoS
- SSL VPN
- Policy Based Forwarding
- Network as a Service

* Does require additional subscription/license
Prisma Access - GCP High Speed Low Latency Interconnect

Prisma Access Underlying Infrastructure
Prisma Access: Summary

- Natively cloud based
- Auto-Scales as needed
- Global High speed/low latency fiber network & Tier one peering
- Single tenant dataplane by design
- Reduction in DC Internet Bandwidth
- Full Inspection
- Single pass scanning for all threats
- Global Service Level Agreements
Delivering Better Outcomes Today and in the Future

- Speed, Flexibility and Global Scale
- Consistent security & compliance
- Reduced operational cost & complexity
- Improved user experience
Thank you
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Key Prisma Access Strategies

1. Improve external security for domestic and international programs

2. Improve performance & reliability for international faculty, students and staff

3. Provide scalability as programs develop and grow around the world
Prisma Access Design Principles

- Full tunnel configuration to provide access to same resources as campus community
- Leverage worldwide Prisma Access gateways on Google Cloud Platform for high performance to Internet resources and access to Princeton network resources
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Please tell us how we did today!

Take our survey:  

Have a question or feedback we didn’t get to?  
netplus@internet2.edu