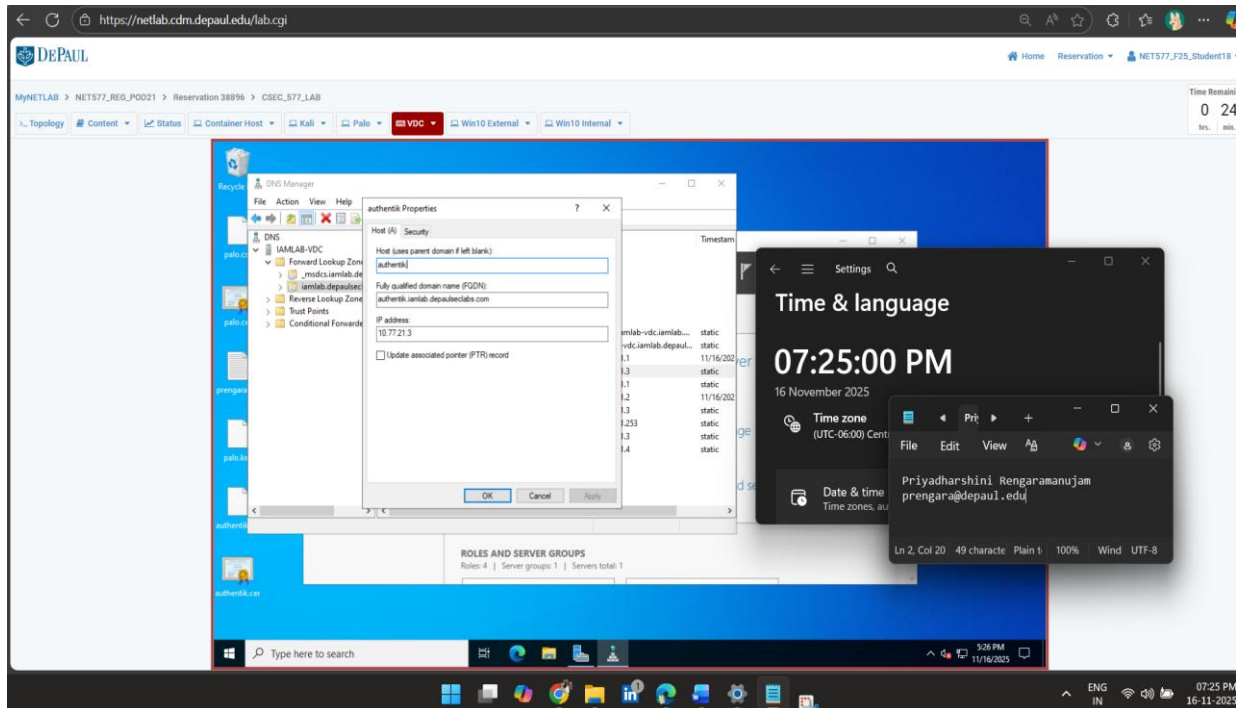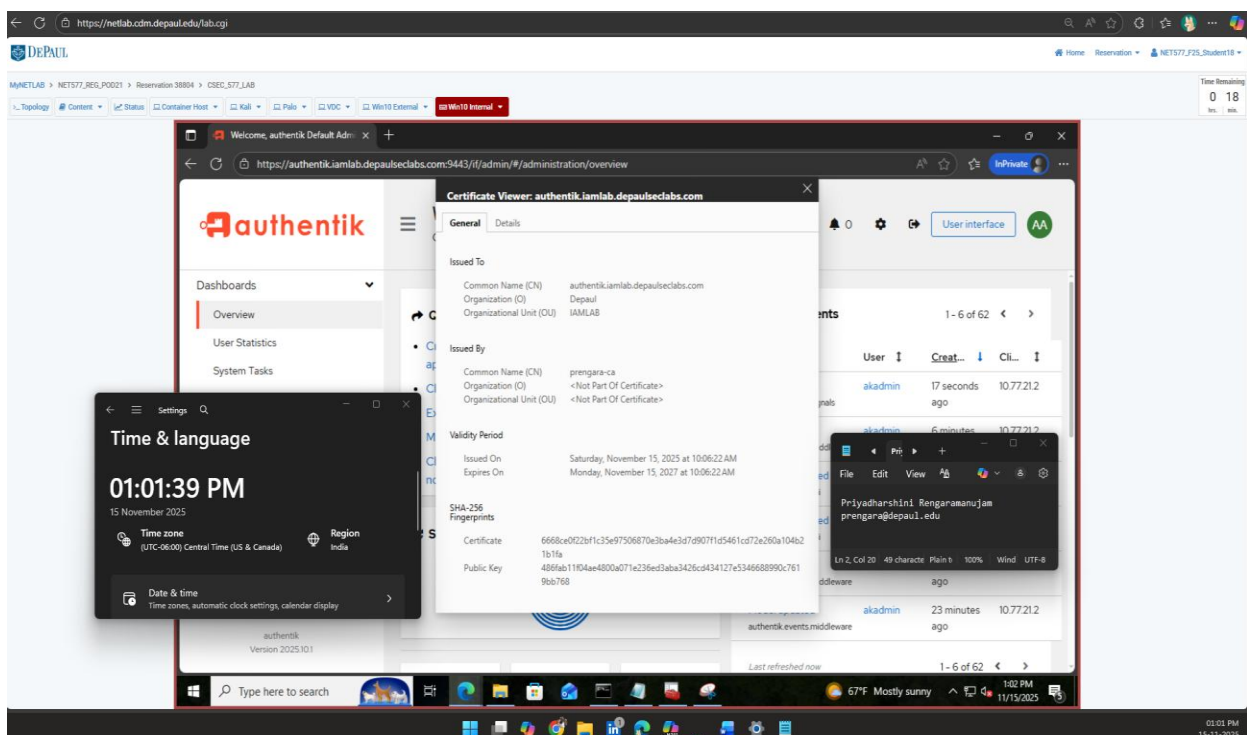**NET_577_Final Lab**

Priyadharshini Rengaramanujam

All services that use Keycloak for authentication has been reconfigured to use Authentik.

<mark>1.   DNS record created for Authentik</mark>

<mark>2.   Browser connected to Authentik and the certificate chain presented by Authentik</mark>

3. LDAPS configuration in Authentik
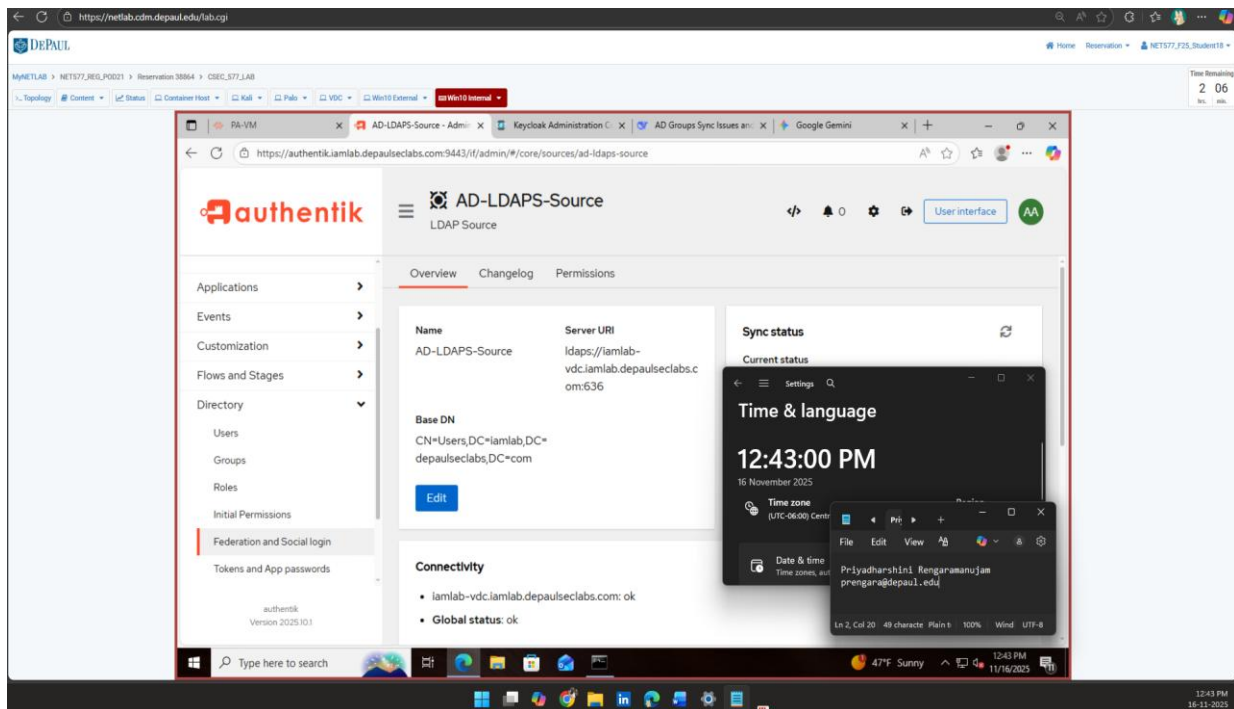
4. Users synced to Authentik from LDAP
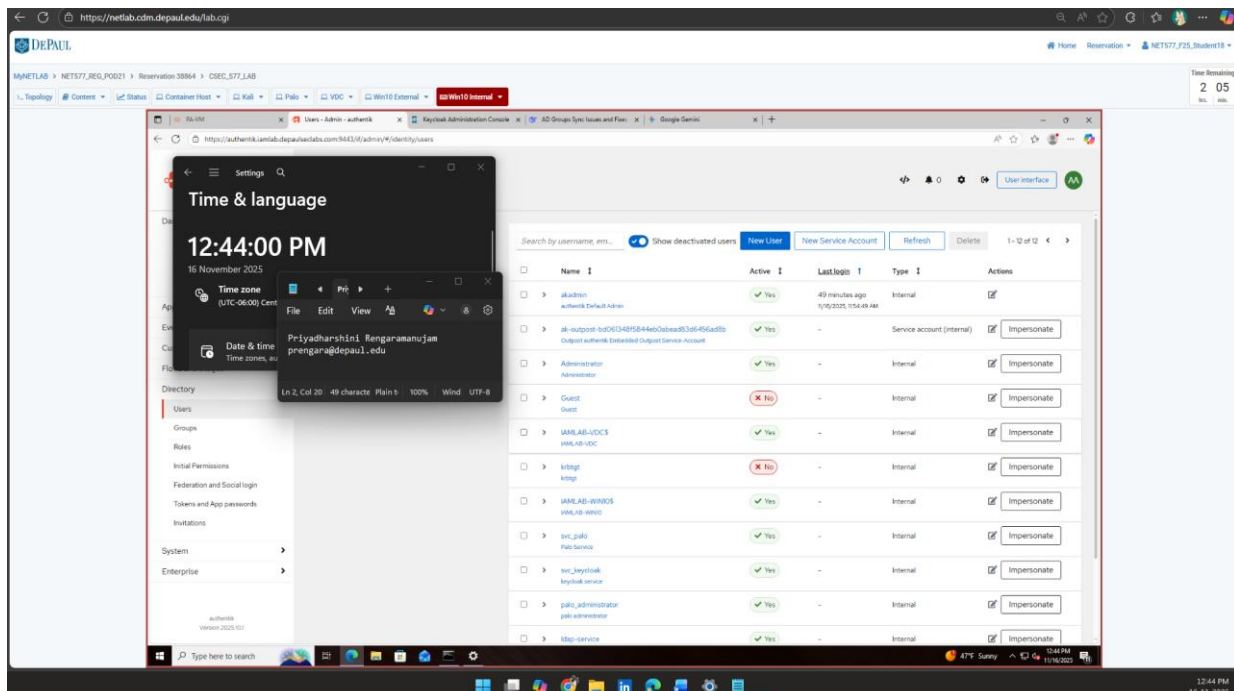
5. Groups synced to Authentik from LDAP
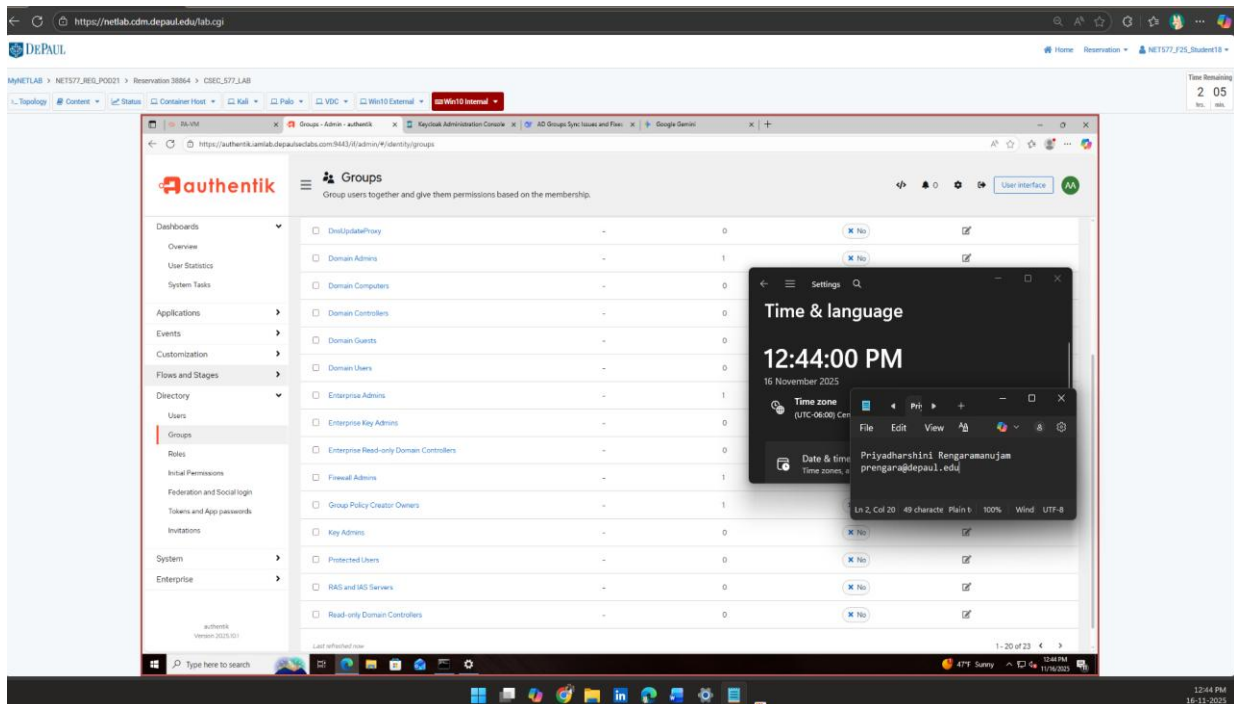
6. SAML Identity provider configuration on the palo alto using Authentik as the IDP

9. snipe IT provider for Global Protect using Authentik as IDP
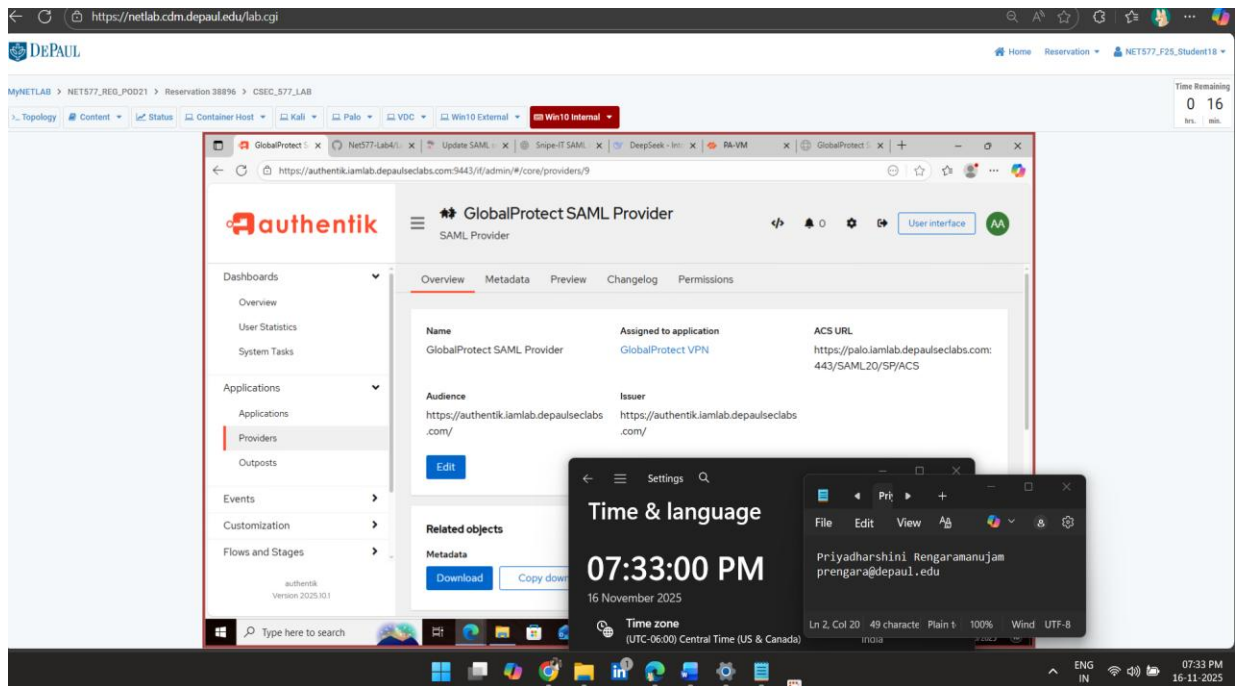
10. Authentik accessible from win10- external
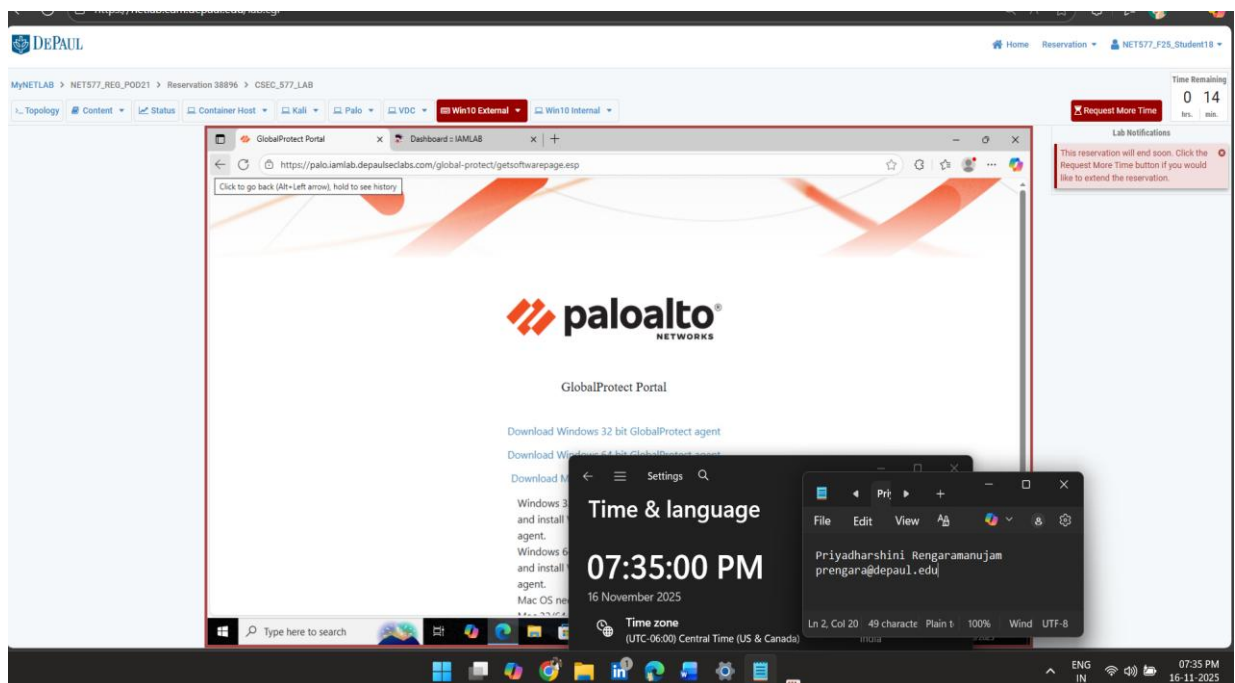
11. Authentication to GP portal successful with Authentik

12. Authentication to snipeit successful with Authentik

DePaul

MyNETLAB > NET577_REG_POD21 > Reservation 38896 > CSEC_577_LAB

Topology | Content | Status | Container Host | Kali | Palo | VDC | Win10 External | Win10 Internal

Time Remaining: 0 hrs 32 min

PA-VM DASHBOARD ACC MONITOR POLICIES OBJECTS NETWORK DEVICE

https://palo.iamlab.depaulseclabs.com/?#monitor::vsys1:monitor/logs/globalprotect

eventid eq 'portal-auth'

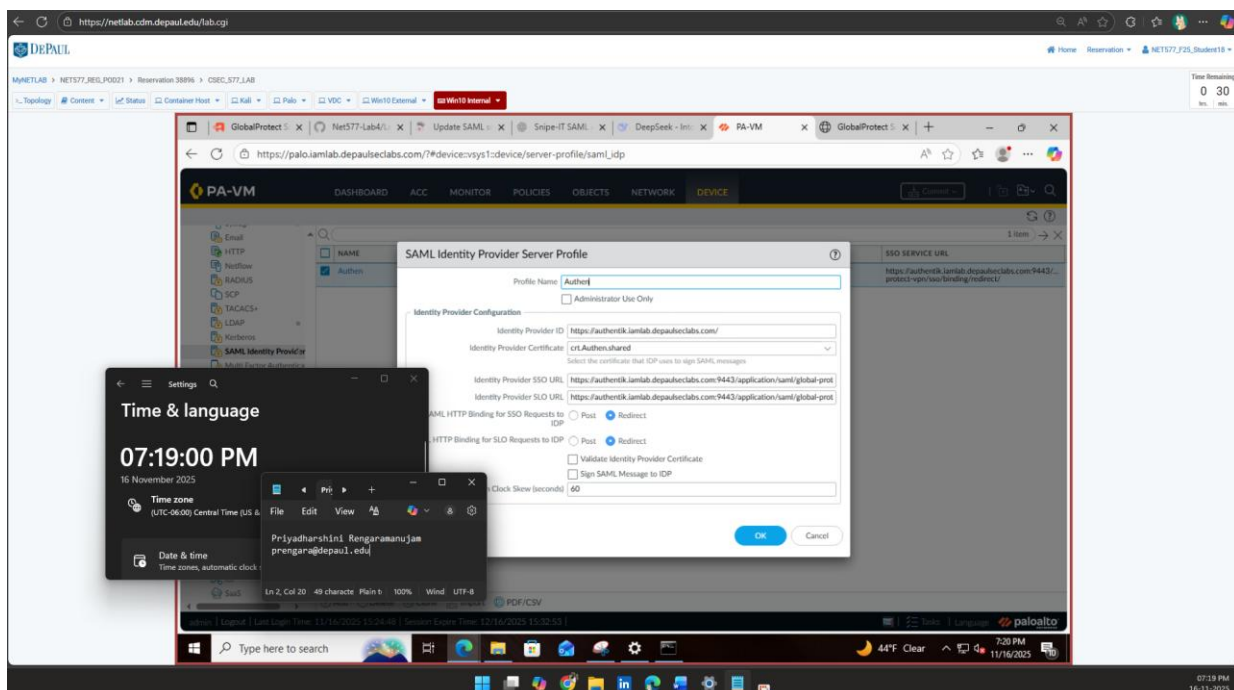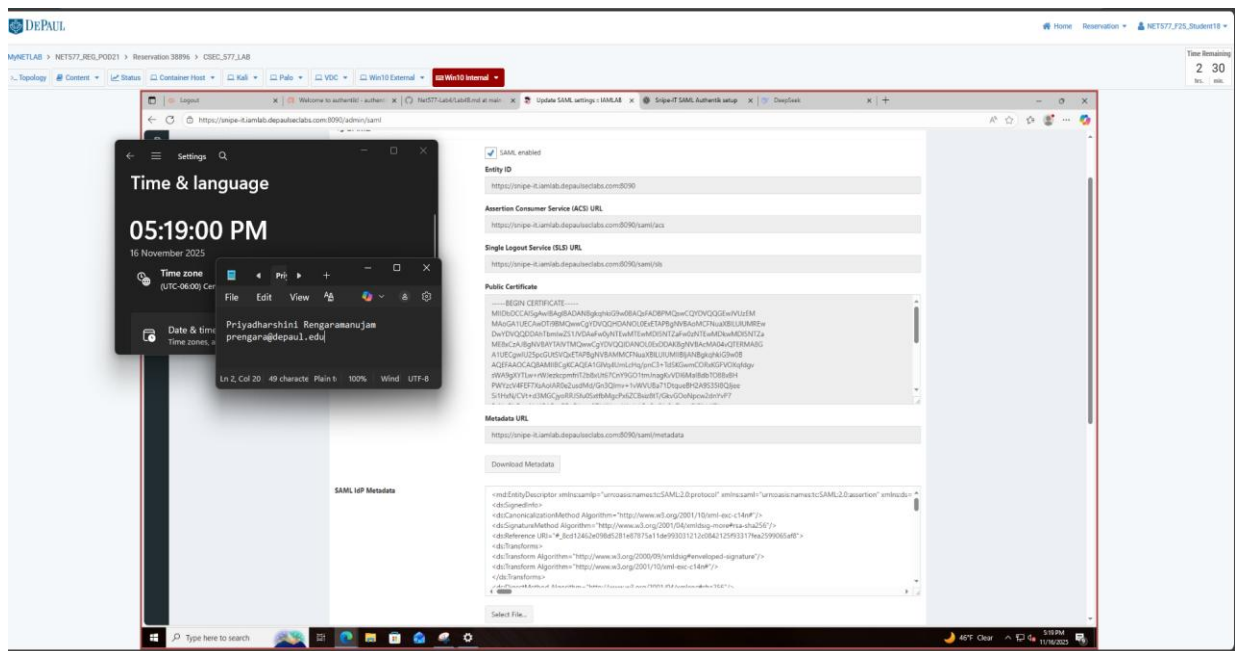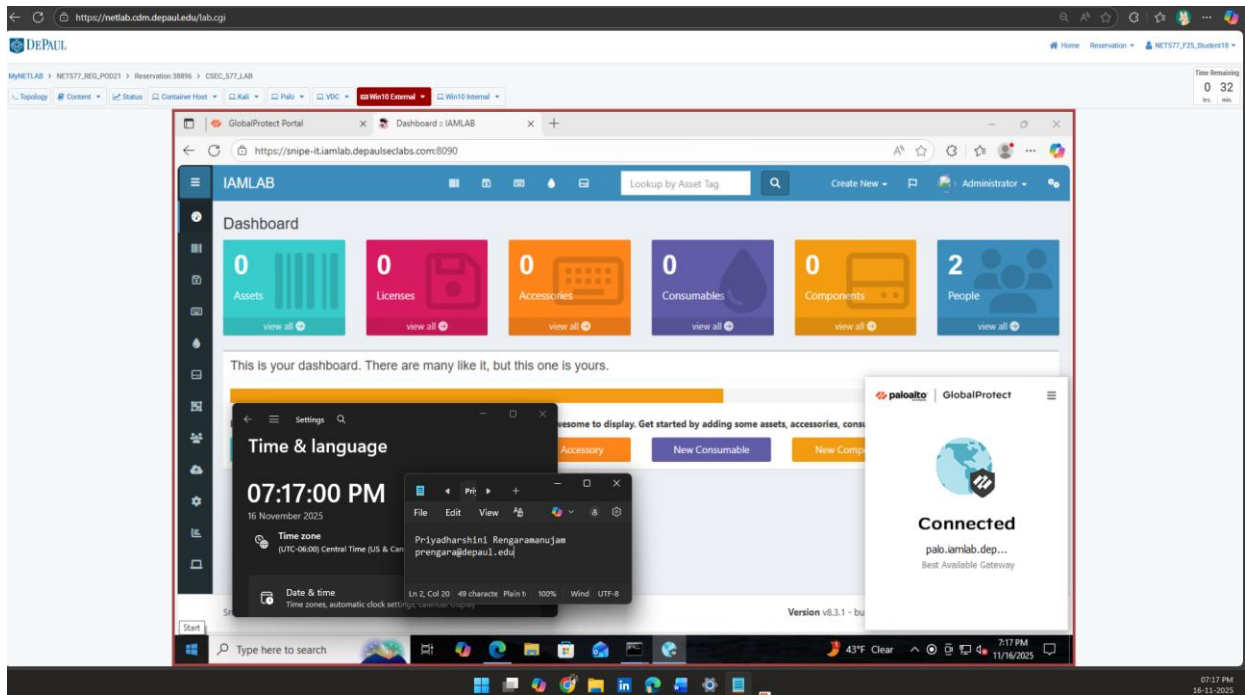| RECEIVE TIME	PORTAL/GATE...	STATUS	STAGE	EVENT	SOURCE USER	SOURCE REGION	HOST NAME	PUBLIC IPV4	PUBLIC IPV6	HOST
11/16 17:15:33	IAMLAB VPN	success	login	portal-auth	prengara@depau...	10.0.0.0-10.255.255.255	IAMLAB-WINCLIEN	10.13.81.2	0.0.0.0	05e 4f7 d59
11/16 17:15:33	IAMLAB VPN	success	login	portal-auth	prengara@depau...	10.0.0.0-10.255.255.255		10.13.81.2	0.0.0.0	05e 4f7 d59
11/16 17:14:37	IAMLAB VPN	success	login	portal-auth	prengara@depau...	10.0.0.0-10.255.255.255		10.13.81.2	0.0.0.0	05e 4f7 d59
11/16 17:14:37	IAMLAB VPN	success	login	portal-auth	prengara@depau...	10.0.0.0-10.255.255.255		10.13.81.2	0.0.0.0	
11/16 16:53:41	IAMLAB VPN	failure	login	portal-auth		10.0.0.0-10.255.255.255		10.13.81.2	0.0.0.0	

Time & language

07:17:00 PM

16 November 2025

Time zone (UTC-06:00) Central Time (US & Can

Date & time
Time zones, automatic clock settings, calendar display

Priyadharshini Rengaramanujam
prengara@depaul.edu

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Displaying logs 1 - 20 20 per page DESC

admin | Logout | Last Login Time: 11/16/2025 15:24:48 | Session Expire Time: 12/16/2025 15:32:53

paloalto

Type here to search 44°F Clear 7:18 PM 11/16/2025

DePaul

MyNETLAB > NET577_REG_POD21 > Reservation 38896 > CSEC_577_LAB

Topology | Content | Status | Container Host | Kali | Palo | VDC | Win10 External | Win10 Internal

Time Remaining: 0 hrs 31 min

PA-VM DASHBOARD ACC MONITOR POLICIES OBJECTS NETWORK DEVICE

https://palo.iamlab.depaulseclabs.com/?#monitor::vsys1:monitor/logs/traffic

zone.src eq 'VPN'

RECEIVE TIME	TYPE	FROM ZONE	TO ZONE	SOURCE	SOURCE USER	SOURCE DYNAMIC ADDRESS GROUP	DESTINATION	DESTINATION DYNAMIC ADDRESS GROUP	DYNAMIC USER GROUP	TO PORT
11/16 17:18:02	end	VPN	Trust	10.77.127.1	prengara@depau...		10.77.21.1			53
11/16 17:17:57	end	VPN	Trust	10.77.127.1	prengara@depau...		10.77.21.1			53
11/16 17:17:47	end	VPN	Trust	10.77.127.1	prengara@depau...		10.77.21.1			53
11/16 17:17:47	end	VPN	Trust	10.77.127.1	prengara@depau...		10.77.21.1			53
11/16 17:17:47	end	VPN	Trust	10.77.127.1	prengara@depau...		10.77.21.1			53
			Trust	10.77.127.1	prengara@depau...		10.77.21.1			53
			Trust	10.77.127.1	prengara@depau...		10.77.21.1			53
			Trust	10.77.127.1	prengara@depau...		10.77.21.1			53
			Trust	10.77.127.1	prengara@depau...		10.77.21.1			53
				7.127.1	prengara@depau...		10.77.21.1			53
				7.127.1	prengara@depau...		10.77.21.1			809
				7.127.1	prengara@depau...		10.77.21.3			53
				7.127.1	prengara@depau...		10.77.21.1			53
				7.127.1	prengara@depau...		10.77.21.1			53

Time & language

07:18:00 PM

16 November 2025

Time zone (UTC-06:00) Central Time (US & Can

Date & time
Time zones, automatic clock settings, calendar display

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Displaying logs 1 - 20 20 per page DESC

admin | Logout | Last Login Time: 11/16/2025 15:24:48 | Session Expire Time: 12/16/2025 15:32:53

paloalto

Type here to search 44°F Clear 7:18 PM 11/16/2025