Initial eduroam Configuration

- 1. Click the networking icon at the bottom-right corner of Windows 10, near the clock.
- 2. From the list of available wireless networks, select eduroam.
- 3. Make sure the **Connect automatically** box is checked, then click **Connect**.
- 4. At the **Continue connecting** prompt, click **Connect**.

At this point we expect eduroam connectivity to fail, so we have additional steps to complete.

Finalize eduroam Configuration (if connection fails)

- 1. Click the Windows 10 Start button, type Control Panel, and press Enter.
- 2. Select Network and Internet.
- 3. Select Network and Sharing Center.
- 4. Click the connection labeled Wi-Fi (eduroam).
- 5. Click the Wireless Properties button.
- 6. Click the **Security** tab.
- 7. Configure the following:
 - a. Security type: WPA2-Enterprise
 - b. Encryption type: AES
 - c. Choose a network authentication method: Microsoft: Protected EAP (PEAP)
 - d. Remember my credentials for this connection each time I'm logged on: checked

Security type:	WPA2-Enterpr	lse	~
Encryption type:	AES		~
Choose a network a	uthentication meth	nod:	
Microsoft: Destactor	EAD /DEAD		Settings
Remember my (redentials for this	connection	each
Remember my o time I'm logged	credentials for this on	connection	each
Remember my of time I'm logged	gs	connection	each

- 8. Click **Settings**.
- 9. Configure the following:
 - a. Verify the server's identity by validating the certificate: checked
 - b. **Connect to these servers**: srad1p1.systems.smu.edu; srad2p1.systems.smu.edu
 - c. Trusted Root Certificate Authorities: check "USERTrust RSA Certification Authority"
 - d. Notifications before connecting: Don't ask user to authorize new servers or trusted CAs

- e. Select Authentication Method: Secured password (EAP-MSCHAP v2)
- f. Enable Fast Reconnect: checked
- g. Disconnect if server does not present cryptobinding TLV: unchecked
- h. Enable Identity Privacy: unchecked

A Addition on the server 2 inter	tity by validating the	certificate	
Connect to these serv	ers (examples:srv1;	rv2;.*\.srv	/3\.com):
srad1p1.systems.sm	nu.edu;srad2p1.syst	ms.smu.e	du
Trusted Root Certification	Authorities:		
thawte Primary Root Thawte Timestamping USERTrust RSA Certil UTN-USERFirst-Oleted UTN-USERFirst-Objec VeriSign Class 3 Publi VeriSign Class 3 Publi	CA - G3 g CA lication Authority Authentication and t ic Primary Certificati ic Primary Certificati ot Certification Auth	Email on Authorit on Authorit	¢y-G3 ∀-G5
/			
< Notifications before conne	ctina:		
Notifications before conne Don't ask user to authoriz	cting: e new servers or tru	sted CAs	
Notifications before conne Don't ask user to authoriz select Authentication Metho Secured password (EAP-MS)	cting: re new servers or tru d: SCHAP v2)	sted CAs	Configure.

10. Click the **Configure** button.

a. Automatically use my Windows logon name and password (and domain if any): unchecked

b. Click **OK**.

EAP MSCHAPv2 Propertie	s	×
When connecting:		
Automatically use my lpassword (and domain	Windows logon name a n if any).	nd
ОК	Cancel	

- 11. Click **OK**.
- 12. Click the **Advanced settings** button.
- 13. Configure the following:
 - a. Specify authentication mode: User authentication

b. Enable single sign on for this network: unchecked

Dele	ete credentials for all	users		
Enable ;	single sign on for thi	s network		
Perf	form immediately be	fore user log	on	
O Perf	form immediately aft	er user logo	n	-
Maxim	im delay (seconds):		10	÷
Alio sign	w additional dialogs on	to be display	yed during	single
This and	network uses separ user authentication	ate yirtual LJ	Ws for ma	chine

- 14. Click the 802.11 settings tab.
- 15. Configure the following:
 - a. Enable Pairwise Master Key (PMK) caching: checked
 - b. PMK time to live (minutes): 720
 - c. Number of entries in PMK cache: 128
 - d. This network uses pre-authentication: unchecked

e. Enable Federal Information Processing Standards (FIPS) compliance for this network: unchecked

Fast roaming		
Enable Pairwise Master Key (PMK) caching		
PMK time to live (minutes):	720	•
Number of entries in PMK cache:	128	\$
This network uses pre-authentication		
Maximum pre-authentication attempts:	3	0
Enable Eederal Information Processing Stand compliance for this network	lards (FIPS)	
Enable Eederal Information Processing Stand compliance for this network	lards (FIPS)	
Enable Eederal Information Processing Stand compliance for this network	lards (FIPS)	

17. Click **OK**.