## **CruzNet Secure Set-Up Instructions for Mac OS X 10.5.6** (Leopard)

1. In order to start using CruzNet Secure, you'll first need to create a password at https://vpn.soe.ucsc.edu/. Click on the "reset your password" link.



- 2. On the Reset My VPN Password screen:
  - 1. Enter your CruzID in the "Login Name" field
  - 2. Type the words that appear in the "Captcha" box at the bottom of the screen (the words should be separated with a space).
  - 3. Click the "Reset My Password" button.

Address 🔄 https://vpn.soe.ucsc.edu/	/reset-password.php	🕶 🋃 Go
UC SANTA CRUZ	VPN Account Management	Baskin Engineering
⊮ Home	Reset My VPN Password	
Change My VPN Password	Home	
⊫ Reset My ¥PN Password	To reset your VPN password, please complete the form beli Password'. You will raceive an e-mail shortly with instruction	ow and then click 'Reset My ons about how to reset your
Connect to the VPN	password.	
Instructions	Login Name:	
Search	Captcha:	
Register Now!	Type the two words: 2 3 Reset My Password	

3. You will receive a message informing you that a link has been sent to you via email.



4. Open your UCSC email account. You should see a message titled "VPN Password Reset." Click on the link contained in the email.



5. The link will take you to the "Complete Password Reset" page.

- 1. Enter the password you wish to use in the "New Password" field.
- 2. Re-enter the password in the "Confirm Password" field
- 3. Click the "Change My Password" button.

Address Address https://vpn.soe.ucsc.ed	u/reset.php?U=usernane&T=084fce44	💌 🄁 Go
UC SANTA CRUZ	VPN Account Management	Baskin Engineering
⊫ Home	Complete Password Reset	
<ul> <li>Change My VPN Password</li> <li>Reset My VPN Password</li> </ul>	To complete your password reset, please complete the form be	low.
Connect to the VPN     Instructions		
Search	Confirm Password: 2 3 Change My Password	V

6. You will receive a confirmation message. You will need the password you have created to access CruzNet Secure once you have completed the setup process.

Address 🙋 https://vpn.soe.ucsc.edu	/index.php	V 🏓 Go
UC SANTA CRUZ	VPN Account Management	Baskin Engineering
⊧ Home	Home	
Change My VPN Password	Your VPN password has been reset.	
Reset My VPN Password	To get started with the campus VPN evaluation, you will ne	eed to reset your password. Once
Connect to the VPN	that's done, you can use the Connect to the VPN link in th	e menu on the left to connect to
Instructions	UIE VPN.	×

7. Next, you will need to download the UCSC NOC Certificate Authority available at <u>https://www2.ucsc.edu/its/cruznetsecure/cruznetsecure\_certs/ucsc\_noc\_ca.crt</u> and the Server Certificate (wifiauth.crt) which is available at

<u>https://www2.ucsc.edu/its/cruznetsecure/cruznetsecure\_certs/wifiauth.crt</u>. The "Downloads" window will open to show your download progress. The files will be saved to your default save location.

000	Downloads	
ucsc_noc_ca	i.crt	٢
wifiauth.crt 4.1 KB		0
Clear	2 Downloads	1

8. Next, you will install the certificates. Click on the icon for the file ucsc\_noc\_ca.crt, and the "Add Certificates" window will appear. In the dropdown menu labeled "Keychain" select "System" then click OK.

000	ł	Add Certificates
Certificate	Do you want "ucsc_noc_ca	to add the certificate(s) from the file crt" to a keychain?
		Keychain: System
View Ce	rtificates	Cancel OK

9. Depending on the way your computer is configured, an authentication screen may appear at this point. If it does, enter the Username and Password that you use to log in to your computer.

Authe	nticate
Keychain Access re password.	quires that you type your
Name:	
Password:	
Details	
?	Cancel OK

10. You will see a prompt asking if you want to trust certificates signed by UCSC NOC Certificate Authority. Click "Always Trust"

$\bigcap$	Do you want your computer to trust certificates signed by "UCSC NOC Certificate Authority" from now on?
	This certificate will be marked as trusted for all users of this computer. To change your decision later, open the certificate in Keychain Access and edit its Trust Settings.
😿 UCSC N	IOC Certificate Authority
8	UCSC NOC Certificate Authority
Certificate Rod	Root certificate authority
	Expires: Saturday, December 31, 2050 8:47:50 AM PT
	S This root certificate is not trusted
► Trust	
⊧ Trust ⊧ Details	
⊧ Trust ⊧ Details	

11. You will repeat this process for the wifiauth.crt file. Click on the icon for the file on your desktop, and the "Add Certificates" window will appear. In the dropdown menu labeled "Keychain" select "System" then click OK. You should now see the Keychain Access screen.

12. On the left side near the top, you should see the "Keychains" list. Click on "System" and you will see the two certificates you just added.

00	Keychain Access	5		
Click to lock the Syste	m keychain.	0	2	
Keychains login System X509Anchors	Certificate Control Certificate Root certificate authority Expires: Saturday, Decen This certificate is not i	te Authority aber 31, 2050 8:47:50 n the trusted root data	AM US/Pacifi base	ic
	Name	A Kind	Date	Keychain
	UCSC NOC Certificate Authority	certificate		System
	🔄 wifiauth.ucsc.edu	certificate		System
Category				
All Items				
Asswords				
🔄 Certificates				
My Certificates				
% Kevs				
Secure Notes				
Hide Keychains	<b>+ T</b>	2 items		

13. Next, click on the AirPort logo 🛜 at the top of the screen on the right side (near the clock). A menu will appear. Click "Join Other Network..."

1	9	*	(((;
AirPort: On			
Turn AirPort Off			
✓ cruznet			
delawareubp			
LV426			0
Join Other Netwo	rk		
Create Network			
Open Network Pr	eferer	nces	

14. A box will appear prompting you for information about the network. Fill in the fields with the following information:

- 1. Network Name: cruznetsecure
- 2. Security: WPA Enterprise
- 3. User Name: Your CruzID
- 4. Password: The password you created at the beginning of these instructions.
- 5. 802.1X configuration should be set to Automatic
- 6. Remember this Network should be checked.

Once you have entered this information click Join.

Enter the name Enter the passw	me of the network. of the network you want to join, and then ord if necessary. You can also click Show
Networks to see	a list of available networks.
1 Network Name:	cruznetsecure
2 Security:	WPA Enterprise
3 User Name:	
4 Password:	
5 802.1X:	Automatic
6	Remember this network
•	M Remember this network

15. Next, click on the AirPort logo. You should now see "cruznetsecure" with a check next to it. Select "Open Network Preferences" from the bottom of the list.



16. In the Network Preferences screen, confirm that the network name displays "cruznetsecure," then click "Advanced..." at the bottom right.

00	Network
Show All	٩
	Location: Automatic
<ul> <li>AirPort Connected</li> <li>ParallelGuest Connected</li> <li>Parallels NAT Connected</li> <li>Bluetooth Not Connected</li> <li>Ethernet Not Connected</li> <li>FireWire Not Connected</li> </ul>	Status: Authenticated Turn AirPort Off Authenticated via PEAP (Inner Protocol: MSCHAPv2) Connect Time: 00:01:17 Network Name: cruznetsecure Ask to join new networks Known networks will be joined automatically. If no known networks will be joined automatically. If no known networks are available, you will be asked before joining a new network.
+ - \$-	Show AirPort status in menu bar
Click the lock to pre	vent further changes. Assist me Revert Apply

17. In the Advanced screen, select the 802.1X tab at the top, and then look for list labeled "Authentication" which contains a number of check boxes. Uncheck all of the boxes except "PEAP" then click OK.

AirPort TCP/IP DNS	WINS	AppleTalk	802.1	X Proxies	Ethernet
WPA: cruznetsecure		User Name:	dysim	oki	
		Pacoword			
		Passworu.			
	Wirel	ess Network:	cruzne	tsecure	<b>•</b>
	AL	thentication:	Enable	Protocol	
				PEAP	
				TTLS	
				EAP-FAST	
				TLS	
				LEAP	
				MD5	
			Confi	gure	

18. You have now returned to the Network Preferences screen. Click "Apply" at the bottom. CruzNet Secure is now configured.

Location:	Automatic
AirPort     Connected     ParallelGuest     Connected     Parallels NAT	Status: Authenticated Turn AirPort Off Authenticated via PEAP (Inner Protocol: MSCHAPv2)
Connected Connected Bluetooth Not Connected Co	Connect Time: 00:04:45 Network Name: cruznetsecure  Ask to join new networks Known networks will be joined automatically. If no known networks are available, you will be asked before joining a new network.
+ - *-	Show AirPort status in menu bar Advanced) (?