Seamless and Secure Access (SSA) Manual Configuration Guide for Mac OS X 10.6



1 Connect to Wireless@SG via SSA

a) Choose **Apple** > **System Preferences** > **Network**. The Network configuration dialog is shown below. Ensure that AirPort is turned on.

000	Ne	etwork	
Show All)		٩
	Location: Automatic	\$)
Ethernet Not Connected AirPort On	s	tatus: On AirPort is turned on but i a network.	Furn AirPort Off s not connected to
	Network N	Name: No network selected Make to join new ne Known networks will be If no known networks ar be asked before joining	tworks joined automatically. e available, you will a new network.
	80	02.1X: Unknown	Disconnect
+ - *-	Show AirPor	t status in menu bar	Advanced) ?
Click the lock to	prevent further changes.	Assist me	Revert Apply

b) Select **Airport**, and click **Advanced** button. In the configuration dialog box below, select **802.1X** tab for creating the profile.

000	Network	
Show All		٩
🤶 AirPort		0
AirPort TCP/IP	DNS WINS 802.1	X Proxies Ethernet
Not Connected	Status: On	(Turn AirPort Off)
	User Name:	of is turned an but is not connected to
	Password:	
	Authentication:	Enable Protocol
		EAP-FAST
		Configure Trust
	Wireless Network:	v
+ -	Security Type:	WPA Enterprise
		menu bar Advanced
?	danges. (A	Cancel OK

AirPort	Automatic	
AirPort TCP/IP	DNS WINS 802.	1X Proxies Ethernet
Connected 572	Status: On	Turn AirPort 0
	User Name:	
	ober Hame.	
	Password:	
	1.1	
	Authentication:	Enable Protocol
	802.1X: Unk	PEAP
		Configure
		Comgaren
		Configure Trust
	Wireless Network:	
	Security Type:	WPA Enterprise
H -		
Add User Profile	iow Arrort status in	

c) Click Add (+) at the bottom of the profiles list, and choose Add User Profile.

d) Name the user profile as Wireless@SGx. Enter your Wireless@SG username followed by @domain format and your Wireless@SG password. Enter Wireless@SGx for Wireless Network. The Wireless Network is case-sensitive. Select WPA Enterprise for Security Type. By default, TTLS and PEAP are selected.

0 😶 0	Network	
Show All		٩
AirPort	Automatic	0
AirPort TCP/IP	DNS WINS 802.	1X Proxies Ethernet
Part Connected 9-9	Status: On	Turn AirPort Off
▼User Profiles	Aut	or is turned on but a not connected to
✓ Wireless@SGx	User Name:	username@domain
	Password:	
	Authentication:	Always prompt for password Enable Protocol TTLS PEAP TLS EAP-FAST Configure
	Wireless Network:	Wireless@SGx
+ -	Security Type:	WPA Enterprise
?	charges.	Cancel OK

e) Select **TTLS** in the authentication list and click **Configure**. In the TTLS configuration dialog, TTLS Inner Authentication must be **MSCHAPv2**. Click OK to save the configuration.

000	Network
Show All	٩
A Contention Enter your TTLS authentication Identity will be sent in the	ation information below. The Outer e clear.
TTLS Inner Authentication	✓ MSCHAPv2 MSCHAP CHAP PAP
	Cancel OK
Au	uthentication: Enable Protocol TTLS PEAP TLS EAP-FAST Configure
Wirel + -	Configure Trust eless Network: Wireless@SGx Security Type: WPA Enterprise

f) To save the profile and apply the configurations, click **OK** in the **802.1X** tab, and then click **Apply**.

g) In the **Network Name** list, select **Wireless@SGx** network, and click **Connect**. The authentication will start.

0 0	Network		
Show All		٩	
Lo	cation: Automatic	•	
AirPort Self-Assigned IP Self-Assigned IP Ethernet Not Connected	Status: O A Iu	On Turn AirPort Off AirPort has the self-assigned IP address (69.254.222.40 and will not be able to connect to the Internet)
	Network Name: 🚺	Wireless@SGx :	•
		Known networks will be joined automatically If no known networks are available, you will be asked before joining a new network.	
	802.1X: W	Vireless@SGx <u>Connect</u>	
+ - \$.	Show AirPort status	in menu bar Advanced	\bigcirc
Click the lock to prevent	further changes.	Assist me Revert	Apply

h) If it is the first time you are connecting to the hotspot, the server certificate will be shown:

$\bigcirc \bigcirc \bigcirc \bigcirc$	Verify Ce	rtificate
	802.1X Authentication The server certificate is not tru settings.	sted because there are no explicit trust
?	Show Certificate	Cancel Continue

i) Click **Show Certificate** button, and then the detailed information will be shown as below. Change the option for "When using this certificate" to be **Always Trust**. Then, click **Continue**.

$\bigcirc \bigcirc \bigcirc$	Verify Certificate
	802.1X Authentication The server certificate is not trusted because there are no explicit trust settings.
Always trust	"cert02.icellwireless.net"
📴 Go Daddy	/ Class 2 Certification Authority
🛶 📴 Go D	addy Secure Certification Authority
ч 📴	cert02.icellwireless.net
	r
Certificate Standard	cert02.icellwireless.net Issued by: Go Daddy Secure Certification Authority Expires: Tuesday, October 22, 2013 6:31:41 PM GMT+08:00
🔻 Trust	
Whe	en using this certificate: Always Trust 🔹 ?
Extensibl	e Authentication (EAP)
	X.509 Basic Policy Always Trust
▶ Details	
?	(Hide Certificate) Cancel Continue

j) To change the certificate trust settings, the system pops up the login dialog box to confirm the changes. Key in the administrator's name and password, and click OK to continue.

	Type your password to make changes Certificate Trust Settings.	to your
	Name: NewAdmin	
	Password: ••••••	
▶ Details		
?	Cancel	ОК

● ○ ○	Network	
Show All		٩
Loo	ation: Automatic	\$
AirPort Connected Ethernet Consected	Status: Co Ai ha	onnected Turn AirPort Off rPort is connected to Wireless@SGx and as the IP address 192.168.11.70.
Not Connected	Network Name: 🛛	Vireless@SCx
	V	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.
	802.1X: W Au Co	uthenticated via PEAP (MSCHAPv2)
	Show AirPort status i	in menu bar (Advanced.) (2)
+ - &-	further changes.	Assist me Revert Apply

k) Once the server certificate is accepted, you are connected to the hotspot.

2 Uninstall SSA profile

a) Choose **Apple** > **System Preferences** > **Network**. Click the **Turn AirPort Off** button to turn off the Airport.

⊖ ○	Network	
Show All		٩
Loc	ation: Automatic	•
AirPort Connected Connected Connected	Status: Connected AirPort is conne has the IP addre	Turn AirPort Off cted to Wireless@SGx and ss 192.168.11.70.
	Network Name: Wireless@SG Ask to join Known networ If no known net be asked befor	x new networks ks will be joined automatically. etworks are available, you will re joining a new network.
	802.1X: Wireless@SGx Authenticated vi Connect Time: 0	a Disconnect ia PEAP (MSCHAPv2) 00:04:26
+ - \$-	Show AirPort status in menu bar	Advanced) (?)
Click the lock to prevent	further changes. Assist me	. Revert Apply

b) Click Advanced button, in the AirPort tab. The Wireless@SGx hotspot is remembered as the preferred network. Select Wireless@SGx, click Remove (-), and then click OK to save.

0 😑 O		Network		
Show All]			٩
🤶 AirPort	Location: Automat			5
Air	Port TCP/IP DNS \	WINS 802.1X	Proxies	Ethernet
Part Commented				
	Preferred Networks:			
	Network Name	Secu	rity	
	EMS_WLAN	WEP	Password	
	Belkin_N_Wireless	WPA	2 Personal	
	ZeroConfig@MMS.MC	Non	e enterprise	rics
	+ - P Drag networks Remember networks t Disconnect when logg Require administrator pa Create computer-to-c	into the order you p this computer has jing out issword to: computer network	orefer. 5 joined cs	et antication p a new retreat.
	Change networks Turn AirPort on or off AirPort ID: 04:1e:64:f7:	Of:Oc		
?	prevent further changes.	(Assis	(me	Cancel OK

c) Click Advanced button again. In the **802.1X** tab, select the Wireless@SGx profile, and click **Remove (-)** button at the bottom of the profile list to remove the profile. Click OK to save.

000	Network	
Show All		٩
🤶 AirPort		
AirPort TCP/IP	DNS WINS 80	2.1X Proxies Ethernet
Mat Connected		
▼User Profiles		
✓ Wireless@SGx	User Nam	e: username@domain
	Passwor	d: •••••
	Contraction Contraction Contraction	Always prompt for password
	Authenticatio	n: Enable Protocol
		✓ PEAP
		TLS
	802.1X: V	EAP-FAST 🔻
		Configure
		Configure Trust
	Wireless Networ	k: Wireless@SGx 🔹
	Security Typ	e: WPA Enterprise 🗘
	Show AirPort status	
0		
(?)		Cancel OK
Crick the lock to prevent furthe	er changes.	Assist me J. [Revert] [Apply]