



Devicescape® Easy Wi-Fi User Guide for Nokia Eseries & Nseries Phones

Based on Easy Wi-Fi version 3.0.70

Introduction

Easy Wi-Fi automatically connects your WLAN-enabled Nokia phone to Wi-Fi hotspots wherever you go — cafés, airports, hotels, your home, and even your friends' homes. With Easy Wi-Fi, you can forget about complicated wireless settings, usernames, passwords, and long security codes. Whenever you're near Wi-Fi your Nokia phone will simply connect, and you'll have inexpensive, high-bandwidth Internet access to surf the web, synchronize your email, download a new video podcast, or do other exciting things online. To use this service you need to download a small Easy Wi-Fi application to your Nokia phone.

This user guide provides instructions for installing and using Easy Wi-Fi on your Nokia Nseries or Eseries phone. Easy Wi-Fi is compatible with any Nseries or Eseries phone running the S60 3rd or 5th Edition operating system with integrated WLAN support. Currently supported Nokia models include:

N78, N79, N80, N80i, N81, N81 8GB, N82, N85, N91, N92, N93, N93i, N95, N95 8GB, N96, N86, N86 8MP, N96-3, N97, E60, E61, E61i, E65, E70, E51, E63, E66, E71, E90, E75, E52, E55, 5630 XpressMusic, 5800 XpressMusic, Navigator 6710

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Easy Wi-Fi Distribution

Easy Wi-Fi comes either as trial or fully paid version depending on the distribution channel (OVI, Nokia Download! or web downloads). The trial version is fully functional for a set period after installation. At any time during or after the trial you may purchase and activate your device by either using the built in purchase mechanism on your phone or using Devicescape's web portal.

Downloading Easy Wi-Fi

In order to install Easy Wi-Fi you must first download the Easy Wi-Fi ".sis" installation file. You can download this file directly to your Nokia phone, or you can first download it to your Windows or Mac PC and then transfer the file to your phone.

Direct to your phone from the Nokia Download! Folder: Go to the Download! folder on your Nokia phone and click the **Easy WiFi** icon to download the Easy Wi-Fi .sis installation file directly to your phone. When the download is completed the installation process will begin automatically. Proceed to the *Installation and Registration* chapter of this user guide to continue.

Direct to your phone from the Internet: Using your phone's web browser, download the Easy Wi-Fi installation file from the download area of my.devicescape.com to your Nokia phone. When the download has completed the installation will begin automatically. Proceed to the *Installation and Registration* chapter of this user guide to continue.

Via your Windows PC: Download the Easy Wi-Fi .sis installation file from my.devicescape.com or another website to your Windows PC. Pair your phone with your PC via Bluetooth, and send the file to your phone using the Bluetooth file transfer function. You will receive a Bluetooth message on your phone containing the .sis file. Open this message to begin the installation process. Alternatively, if you use Nokia's **PC Suite** application, you can launch the .sis file on your Windows PC and it will install the file from your PC to the phone over a Bluetooth or USB connection. Proceed to the *Installation and Registration* chapter of this user guide to continue.

Via your Mac PC: Download the Easy Wi-Fi .sis installation file from my.devicescape.com or another website to your Mac. Pair your phone with your Mac via Bluetooth, and send the file to your phone using the Bluetooth file transfer function. You will receive a Bluetooth message on your phone containing the .sis file. Open this message to begin the installation process. Proceed to the *Installation and Registration* chapter of this user guide to continue.

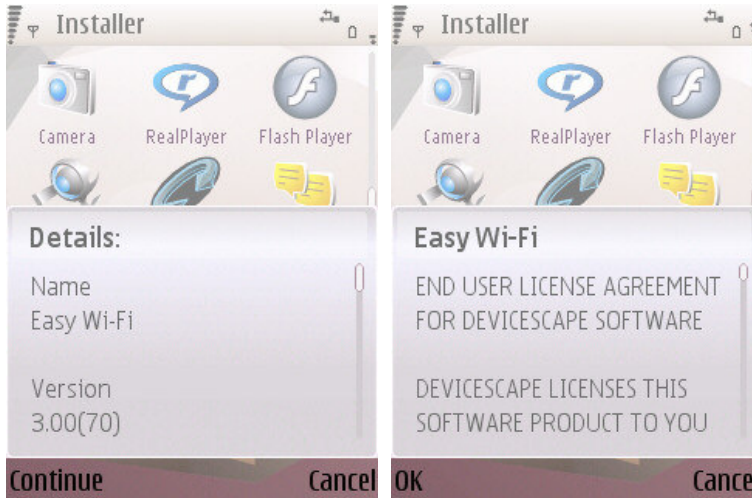
Installation and Registration

Once the Easy Wi-Fi .sis installation file resides on your phone, follow the steps below to install and register it with the Devicescape web service.

If the installation has not already started, click on the .sis file to begin installation.

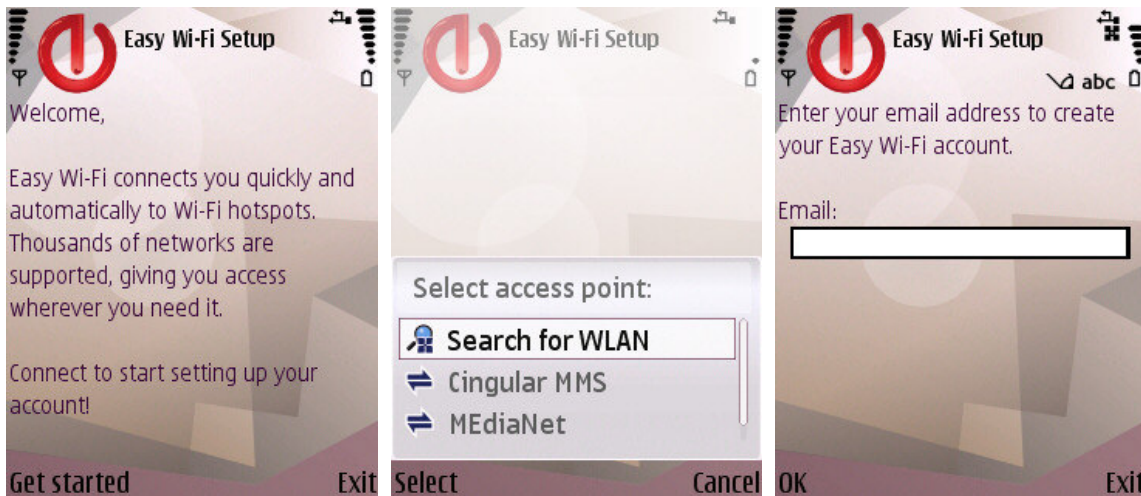
Click **Yes** when you're asked if you want to "**Install Easy Wi-Fi?**".

Click **Continue** to proceed past the **Details** screen describing Easy Wi-Fi.



A progress bar will appear as the Easy Wi-Fi application is installed on your phone.

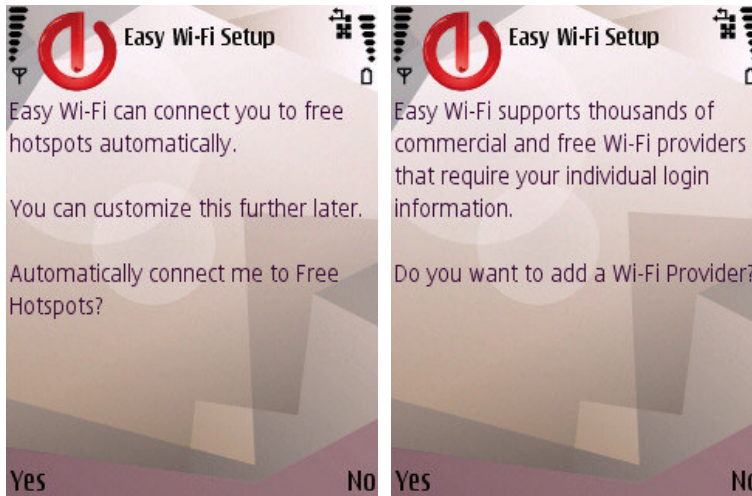
Click **OK** to accept the Easy Wi-Fi End User License Agreement.



Next, Easy Wi-Fi will prompt you to "Get Started". You must connect to the Internet to configure Easy Wi-Fi. Connect in your usual way, and then enter your email address.

If you already have an Easy Wi-Fi account using this email address you will be prompted for your password. After successful authentication your device will be setup with your account information and settings.

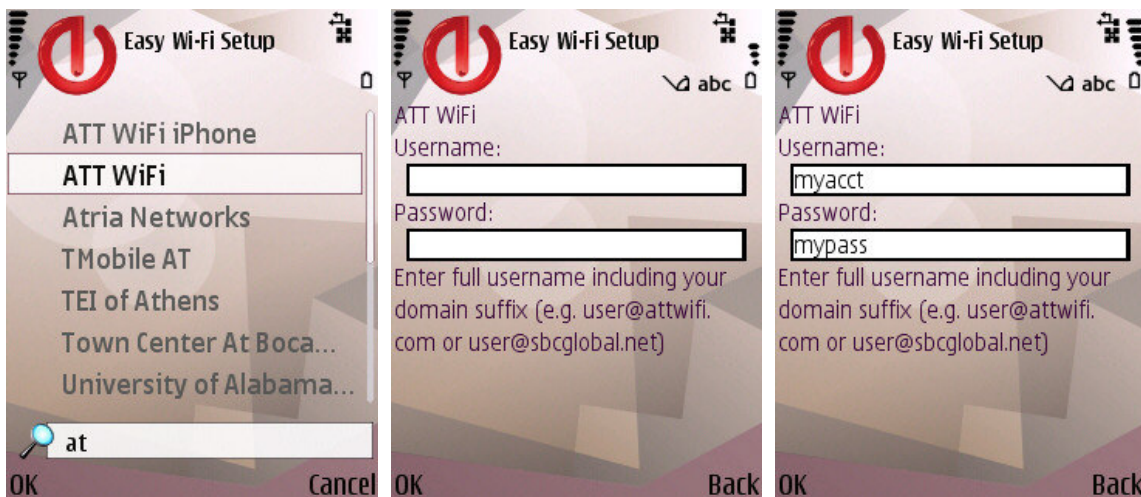
New users will be guided through the following pages allowing the user to setup their initial Wi-Fi coverage and account settings.

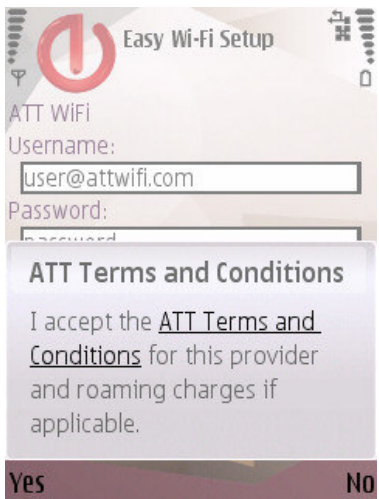


Easy Wi-Fi can connect to free hotspots which normally need user interaction to connect. These are added frequently by Devicescape, and can be setup to work with your account automatically. Easy Wi-Fi will ask whether you want to use these free hotspots.

Next, Easy Wi-Fi will ask if you wish to add any Wi-Fi providers. These are providers which give you *credentials* – typically usernames and passwords – to allow access to their Wi-Fi service.

If you click **Yes**, the list of known providers will be downloaded and you can scroll or search for the network you want to enable and click **OK**. If required, enter that provider's information and click **OK**.



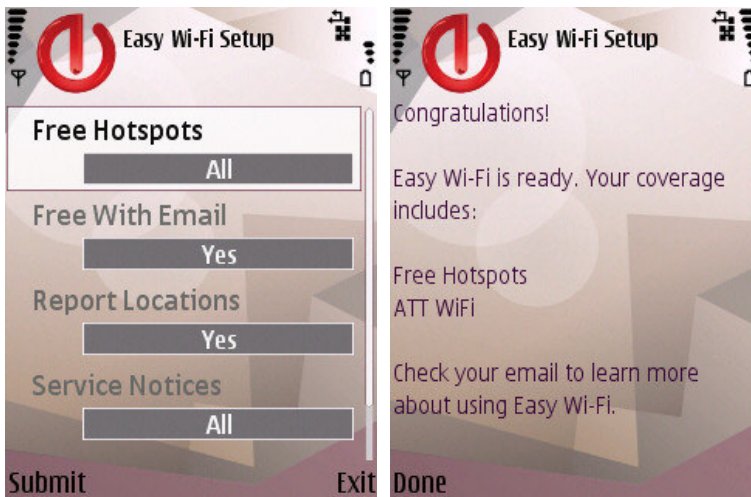


Click **Yes** to accept any terms and conditions for the provider and acknowledge there may be roaming fees.

You can repeat this process for all your providers. There's no limit to the number of providers you can add! You can also change your providers later, using the **Settings** and **Add Networks** menu commands.

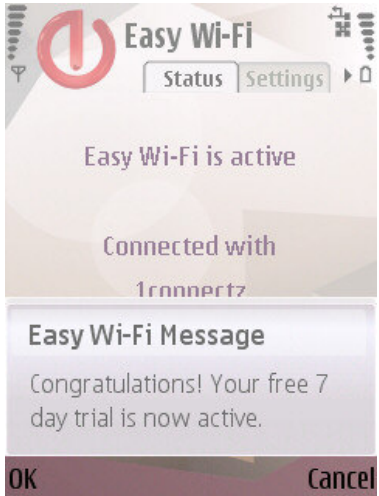
Note: Easy Wi-Fi automatically manages roaming to your providers partner networks, so ensure that you add only the provider for which you have an account (e.g. If you have a T-Mobile account which you use to access BT Openzone, you should only add a T-Mobile provider. BT Openzone roaming will be handled automatically).

As the final step you will see settings and preferences on one page allowing you to change or accept those by clicking **Submit**.



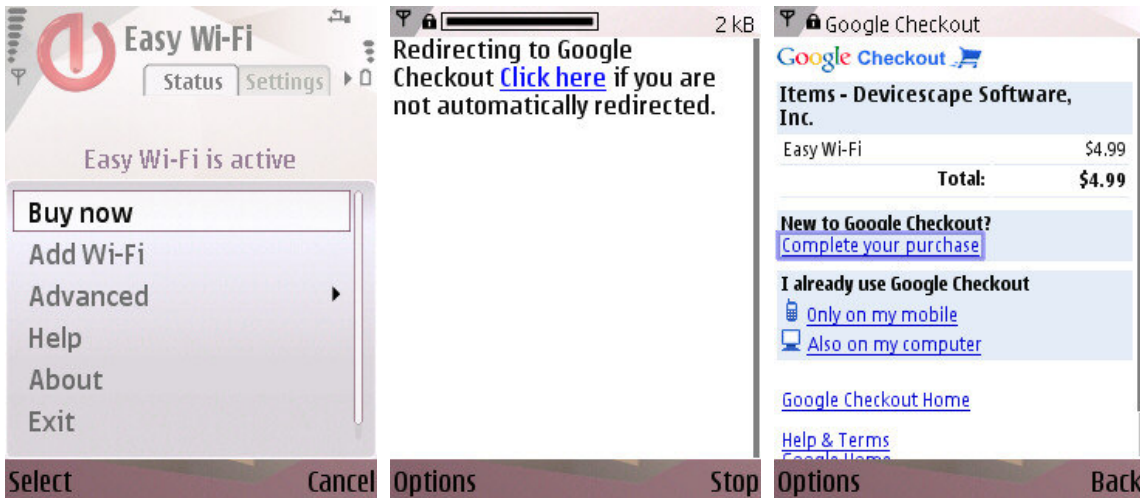
Congratulations! You have completed the installation and registration of Easy Wi-Fi.

If your installation is a trial version you should also see an Easy Wi-Fi Message letting you know that your free trial has begun, as shown below:

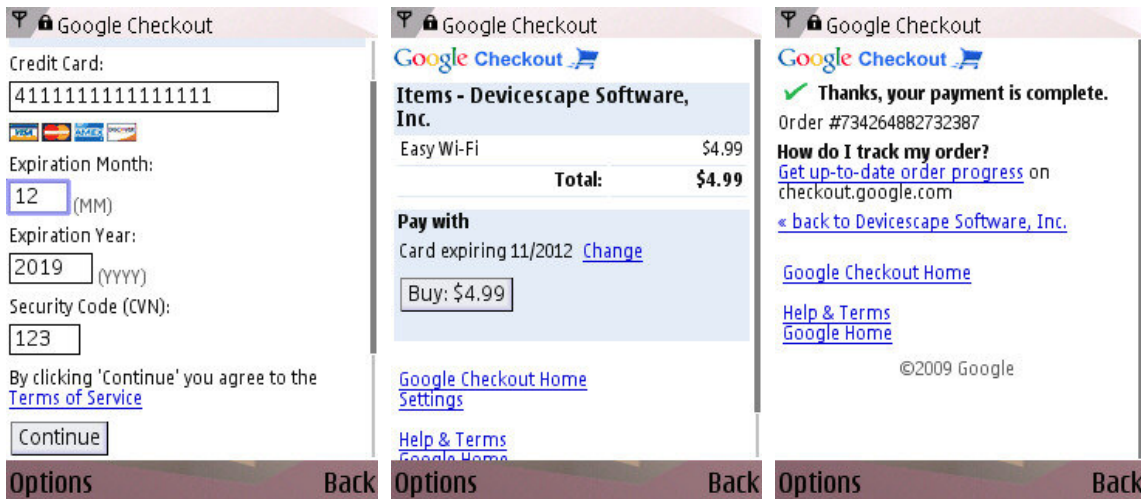


Purchase from the Device

The trial version of Easy Wi-Fi is fully functional for a few days, but will need to be purchased if you wish to continue use. You can purchase directly from the phone using the **Buy Now** command. This will take you to Google Checkout, where you can purchase Easy Wi-Fi using a credit card or Google Checkout account.

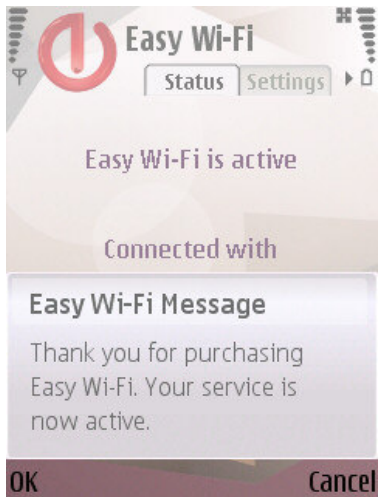


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Google Checkout pages are shown within your phone's web browser application.

Once your purchase is complete you may exit the web browser application. Your device will be activated even although it may take a short while for Easy Wi-Fi to reflect this change. On your next connection your device will display a confirmation message and **Buy Now** will disappear from the menu of the Easy Wi-Fi application.

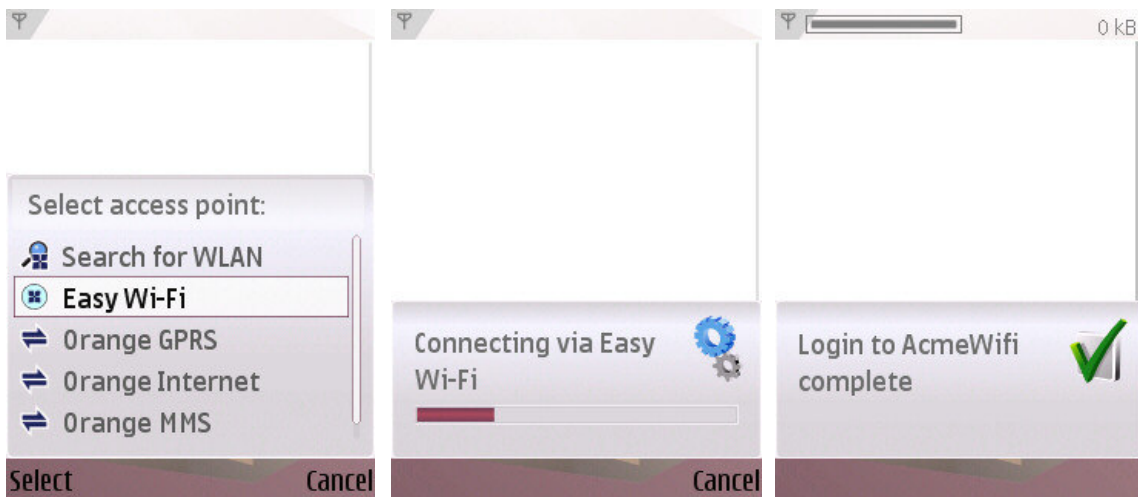


Using Easy Wi-Fi

Easy Wi-Fi allows you to seamlessly connect to Wi-Fi Hotspots. No browser and no hassle with captive portal pages any longer.

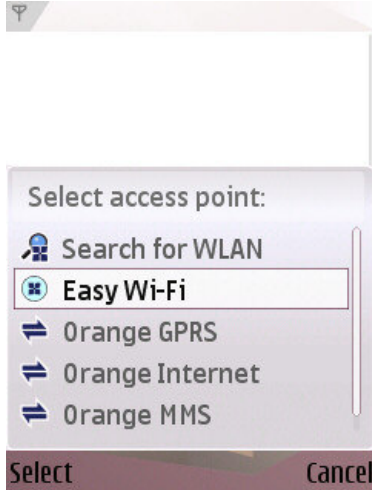
Easy Wi-Fi will automatically start when you power on your phone, and will run silently in the background. To change settings and/or see current status information launch Easy Wi-Fi from your installation directory.

Now when you start any Internet application when you are in range of a Hotspot, simply choose "**Easy Wi-Fi**" as the selected access point. You can also pre-configure most applications to always use the Easy Wi-Fi Access Point in the applications settings page.

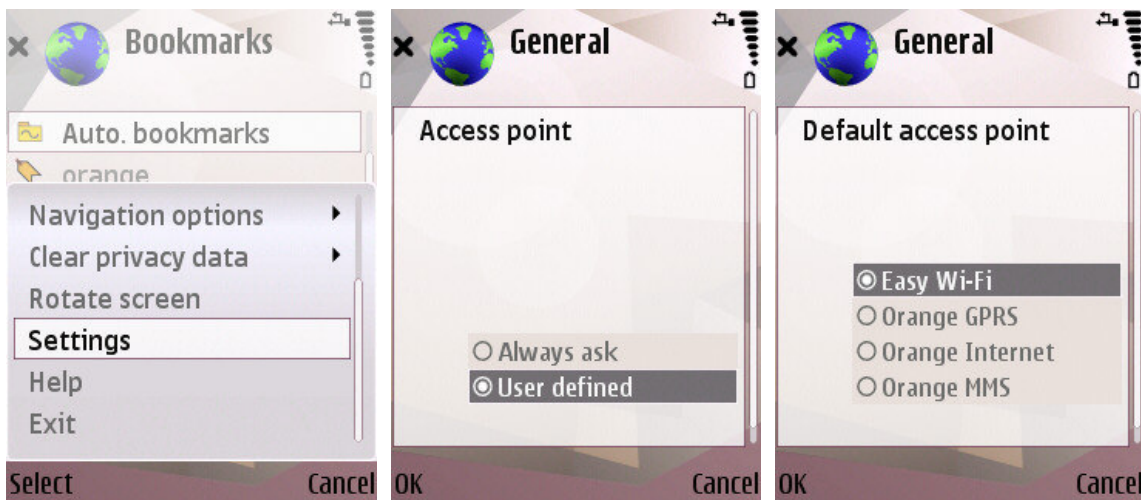


Configuring Your Applications To Use Easy Wi-Fi

Applications on your Nokia phone that require an Internet connection can be configured to work in one of two ways. One way is for an application to always ask you which access point to use when it needs to open an Internet connection. If you select the **Easy Wi-Fi** access point as described above, then Easy Wi-Fi will automatically connect your application using the best available Wi-Fi network. The **Easy Wi-Fi** access point will only appear if a suitable Wi-Fi network is in range.



A second approach is to configure your applications to always use a specific access point. Generally, this is done in each application's **Settings** menu. For example, in the web browser, you can do this by going to **Options -> Settings -> General -> Access point** screen (your phone may be slightly different). In this screen select **User defined** and click **OK**. On the next screen select the **Easy Wi-Fi** access point and click **OK**:



With this configuration your phone's web browser will always use Easy Wi-Fi to automatically connect using the best available Wi-Fi network if one is in range. Other applications can be similarly configured to always use Easy Wi-Fi.

Application Commands

Easy Wi-Fi provides a few commands that help you manage Wi-Fi connectivity and the Easy Wi-Fi application. To access the command menu, select the Easy Wi-Fi application and press the **Options** softkey.

Options > Buy Now

During the trial period or if your trial has expired this option will be available allowing you to complete the purchase.

Options > Add Wi-Fi

To login to Hotspots requiring authentication e.g. T-Mobile or your University network you need to add your Wi-Fi provider info. Note: Access to free hotspots is done automatically by Easy Wi-Fi and controlled under the **Settings** menu.

Options > Advanced > Test Connection

Triggers a network connection and lets you test Easy Wi-Fi availability and auto login. You will be disconnected immediately after a successful login.

Options > Advanced > Update Networks

Forces your phone to immediately use any changes you made to Easy Wi-Fi with the online account portal. You will be disconnected immediately after all updates are processed.

Options > Logout

Some hotspots allow users to manually logout. This can be a helpful way to control costs if you are using a hotspot that charges by the minute. If Easy Wi-Fi has connected you to hotspot offering manual logout, then the **Logout** command will appear in the command menu.

Options > Help

The **Help** command displays information about how to use Easy Wi-Fi.

Options > About

The **About** command displays information about the version of Easy Wi-Fi installed on your phone, how to get support and the universally unique identifier (UUID) for your phone. If you contact Devicescape for support we may be able to provide you with better assistance if you supply us with your phone's UUID.

Options > Exit

The **Exit** command terminates the Easy Wi-Fi interface. Note that Easy Wi-Fi will still run quietly in the background, ready to help you connect to Wi-Fi networks.

The Settings Tab

The **Settings** tab enables you to manage the configuration of the Easy Wi-Fi application. To access and change current settings, open Easy Wi-Fi, then move to the right tab.

Limitations

Hidden SSIDs

Wi-Fi networks with hidden SSIDs (i.e., the network name is not broadcast) cannot be connected to via the **Easy Wi-Fi** access point. If you need to use a network with a hidden SSID, you will need to manually add that network as a new access point and then manually select it when prompted to select an access point. You can add a hidden SSID network as a new access point by going to **Tools -> Settings -> Connection -> Access points -> Options -> New access point**.

CA certificates

In order to enhance your security at public hotspots, Easy Wi-Fi makes sure a hotspot is authentic before automatically logging you in. This prevents you from being connected to phony hotspots that have been setup to steal your username, password and other personal data.

In order to check the authenticity of a hotspot, Easy Wi-Fi examines a digital certificate supplied by the hotspot and compares it with a list of trusted certificate authority (CA) certificates. Your phone, however, may only have a limited set of trusted CA certificates. If your phone does not have a required CA certificate, then you will be prompted to accept the unknown certificate from the hotspot during the login process. This may reduce your ability to safely use a wide variety of public hotspots.

In order to improve your security you can download and install a larger collection of trusted CA certificates from www.devicescape.com/certs.

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