

3. Log in. By default, the user name is **admin** and the password is **stonesoft**.

If the initial configuration has already been imported and you must add information needed for ADSL use, proceed to *Entering Information for ADSL Usage*, on page 18.

If the initial configuration has not yet been imported, proceed to *Importing Initial Configuration*, on page 16.

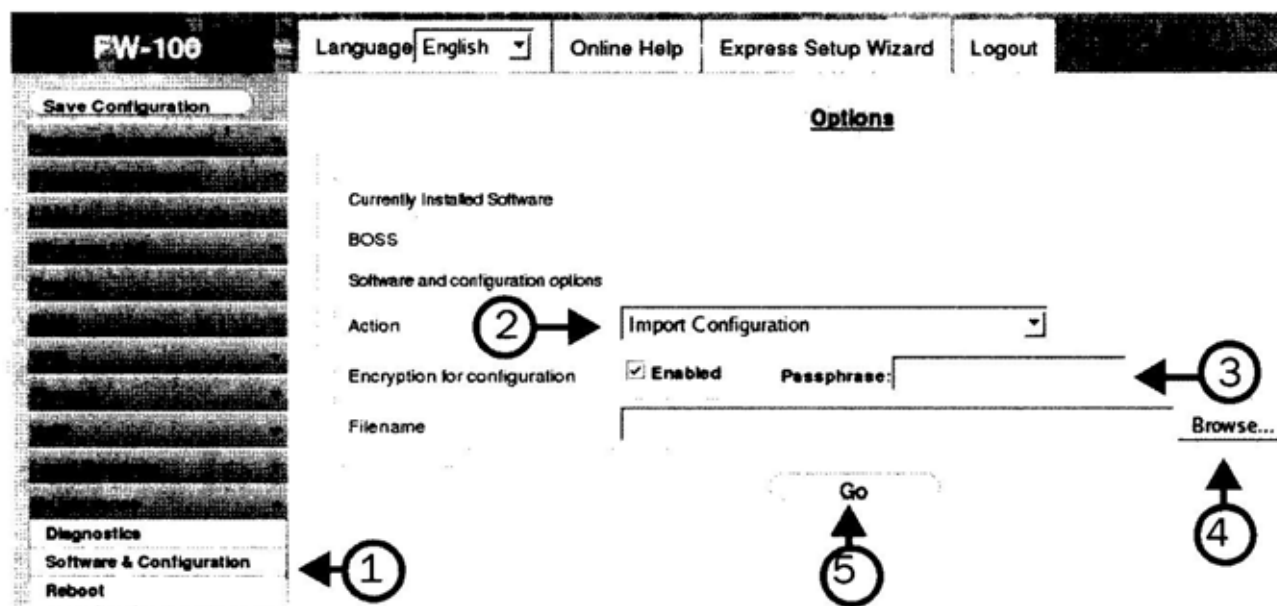
Importing Initial Configuration

The initial configuration is imported on the appliance through the FW-100 web interface.

▼ To import initial configuration

1. In the web interface, expand **Maintenance** in the menu on the left and select **Software & Configuration** (Illustration 5).

Illustration 5 Importing Configuration.



2. Select **Import Configuration** in the Action field. If the initial configuration has been encrypted, the Encryption for Configuration options are enabled.
3. (To import an encrypted configuration) Enter the password for the encrypted configuration in the Passphrase field.
4. Enter the path and name of the initial configuration file in the Filename field or click **Browse** and select the file in the dialog that opens.
5. Click **Go**.
6. Select **Yes** and click **OK** in the confirmation message to start the configuration import.
7. When the configuration has been imported, click **Reboot** in the message box to reboot the appliance.

The initial configuration of the appliance is now finished, unless the administrator has informed you that you must add information for ADSL use through the FW-100 web interface.

To be able to connect to the web interface, the IP address configuration of your computer must match the IP address configuration of the appliance's corporate interface (see *Configuring the Computer*, on page 13). As the initial configuration also includes the interface definitions created in the Management Client, you must also check that you have connected the cables to the correct ports (see *Back Panel*, on page 11). Once you have checked the computer's IP configuration and the cabling, proceed to *Entering Information for ADSL Usage*, on page 18.

Entering Information for ADSL Usage

If your Internet Service Provider requires a user name and/or password for ADSL usage and the information was not included in the initial configuration, you must enter the user name and password through the FW-100 web interface after the initial configuration of the appliance. You will only need to enter the ADSL information if your administrator instructs you to do so.

Note – You can access the web interface only if your computer has been configured correctly as described in *Configuring the Computer*, on page 13. The computer must also be connected to a port that corresponds to a corporate interface defined in the Management Client (see *Back Panel*, on page 11).

▼ To enter ADSL information

1. In the web interface, expand the **WAN** menu on the left and select **Internet + Dialup** (Illustration 6).

Illustration 6 Entering ADSL Information

The screenshot displays the FW-100 web interface. At the top, there's a navigation bar with 'FW-100', 'Language English', 'Online Help', 'Express Setup Wizard', 'Logout', and 'STONESOFT'. On the left, a sidebar shows 'Save Configuration' (circled 4), 'Internet + Dialup' (circled 1), 'ATM', and 'Real Time Jitter Control'. The main area has tabs for 'PPPoE', 'PPTP', 'PPPoA', and 'Options'. The 'PPPoE' tab is selected, showing 'Basic Parameters' with fields for 'Description', 'PPPoE Mode' (Standard/Multilink), 'PPPoE Ethernet Interface' (Not specified), 'User Name', and 'Password'. Arrows point from circled numbers 1, 2, 3, and 4 to these specific elements.

2. Select either **PPPoE** or **PPPoA** according to the administrator's instructions.
3. Enter the required user information in the User Name and/or Password fields.
4. Click **Save Configuration** to save the changes.

The ADSL information has now been added to the appliance's configuration.

Resetting the Configuration

You can reset the configuration on the appliance, if there are problems in configuring it or connecting to the Management Server.

▼ To reset the configuration

1. Turn the power off on the appliance by unplugging the power cord.
2. Press down the **Reset** button. While pressing the button, reconnect the power cord to the appliance.
3. Watch the LEDs on the front panel.
 - First the **Power** and **Status** LEDs will light up.
 - The Ethernet LEDs (1-4) for ports connected to the Ethernet will flash.
 - The boot sequence begins.
4. When the **Status** LED has lit up five times, release the **Reset** button.

The appliance now boots up. You can now reconfigure it by importing a configuration as described in *Initial Configuration*, on page 14.

Disposal Instructions



The waste container symbol with the "X" through it on the device indicates that the device must be disposed of separately from normal domestic waste at an appropriate waste disposal facility at the end of its useful service life.



Das auf dem Gerät befindliche Symbol mit dem durchgekreuzten Müllcontainer bedeutet, dass das Gerät am Ende der Nutzungsdauer bei den hierfür vorgesehenen Entsorgungsstellen getrennt vom normalen Hausmüll zu entsorgen ist.



Le symbole se trouvant sur l'appareil et qui représente un conteneur à ordures barré signifie que l'appareil, une fois que sa durée d'utilisation a expiré, doit être éliminé dans des poubelles spéciales prévues à cet effet, de manière séparée des ordures ménagères courantes.



Il simbolo raffigurante il bidone della spazzatura barrato riportato sull'apparecchiatura significa che alla fine della durata in vita dell'apparecchiatura questa dovrà essere smaltita separatamente dai rifiuti domestici nei punti di raccolta previsti a tale scopo.



El símbolo del contenedor con la cruz, que se encuentra en el aparato, significa que cuando elequipo haya llegado al final de su vida útil, deberá ser llevado a los centros de recogida previstos, y que su tratamiento debe estar separado del de los residuos urbanos.



Symbolen som sitter på apparaten med den korsade avfallstunnan betyder att apparaten när den tjänat ut ska kasseras och lämnas till de förutsedda sortergårdarna och skiljas från normalt hushållsavfall.



Tegnet på apparatet som viser en avfallcontainer med et kryss over, betyr at apparatet må kastet på hertil egnet avfallssted og ikke sammen med vanlig avfall fra husholdningen.



Το σύμβολο που βρίσκεται στην συσκευή με το σταυρωμένο κοντέϊνερ απορριμμάτων σημαίνει, ότι η συσκευή στο τέλος της διάρκειας χρήσης της πρέπει να διατεθεί ξεχωριστά από τα κανονικά απορρίμματα στα γι' αυτό τον σκοπό προβλεπόμενα σημεία διάθεσης.



Symbolet med gennemkrydset affaldsbeholder på apparatet betyder, at apparatet, når det ikke kan bruges længere, skal bortskaffes adskilt fra normalt husholdningsaffald på et af de dertil beregnede bortskaffelsessteder.



Znajdujący się na urządzeniu symbol przekreślonego pojemnika na śmieci oznacza, że po upływie żywotności urządzenia należy go oddać do

odpowiedniej placówki utylizacyjnej i nie wyrzucać go do normalnych śmieci domowych.



Het doorgehaalde symbool van de afvalcontainer op het apparaat betekent dat het apparaat op het einde van zijn levensduur niet bij het normale huisvuil mag worden verwijderd. Het moet bij een erkend inzamelpunt worden ingeleverd.



O símbolo com um caixote de lixo riscado, que se encontra no aparelho, significa, que o aparelho no fim da sua vida útil deve ser eliminado separadamente do lixo doméstico nos centros de recolha adequados.

R&TTE Compliance

This section contains information for the FW-100 appliances and their compliance with the EC Directive 1999/5/EC (R&TTE Directive) relevant to the European Union. This document is valid for all single band products (2,4 GHz, IEEE802.11b/g) and for all dual band products (2,4 GHz, IEEE802.11b/g, and 5 GHz, IEEE802.11a/h).

EC Declaration of Conformity

The following table presents EU conformity information.

TABLE 14.2 EU Conformity Information

Bulgaria (BG) България	Настоящият уред отговаря на основните изисквания и на по-нататъшните съответни параметри на директива 1999/5/EC
Czech (CS) Česky	Toto zařízení je v souladu se základními požadavky a ostatními odpovídajícími ustanoveními směrnice 1999/5/ES
Danish (DA) Dansk	Dette udstyr er i overensstemmelse med de væsentlige krav og andre relevante bestemmelser i Direktiv 1999/5/EF.
Dutch (NL) Nederlands	Dit apparaat voldoet aan de essentiële eisen en andere van toepassing zijnde bepalingen van de Richtlijn 1999/5/EG.
Estonian (ET) Eesti	See seade vastab direktiivi 1999/5/EÜ olulistele nõuetele ja teistele asjakohastele sätetele.
English (EN)	This equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

TABLE 14.2 EU Conformity Information (Continued)

German (DE) Deutsch	Dieses Gerät entspricht den grundlegenden Anforderungen und den weiteren entsprechenden Vorgaben der Richtlinie 1999/5/EG.
Greek (EL) Ελληνική	Αυτός ο εξοπλισμός είναι σε συμμόρφωση με τις ουσιώδεις απαιτήσεις και άλλες σχετικές διατάξεις της Οδηγίας 1999/5/EK.
Finnish (FI) Suomi	Tämä laite täyttää direktiivin 1999/5/EY olennaiset vaatimukset ja on siinä asetettujen muiden laitetta koskevien määräysten mukainen.
French (FR) Français	Cet appareil est conforme aux exigences essentielles et aux autres dispositions pertinentes de la Directive 1999/5/CE.
Hungarian (HU) Magyar	Ez a készülék teljesíti az alapvető követelményeket és más 1999/5/EK irányelvben meghatározott vonatkozó rendelkezéseket.
Icelandic (IS) Íslenska	Þetta tæki er samkvæmt grunnkröfum og öðrum viðeigandi ákvæðum Tilskipunar 1999/5/EB.
Italian (IT) Italiano	Questo apparato è conforme ai requisiti essenziali ed agli altri principi sanciti dalla Direttiva 1999/5/CE.
Latvian (LV) Latviski	Šī iekārta atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Lithuanian (LT) Lietuvių	Šis įrenginys tenkina 1999/5/EB Direktyvos esminius reikalavimus ir kitas šios direktyvos nuostatas.

TABLE 14.2 EU Conformity Information (Continued)

Maltese (MT) Malti	Dan l-apparat huwa konformi mal-htigiet essenzjali u l-provedimenti l-ohra rilevanti tad-Direttiva 1999/5/KE.
Norwegian (NO) Norsk	Dette utstyret er i samsvar med de grunnleggende krav og andre relevante bestemmelser i EU-direktiv.1999/5/EC.
Polish (PL) Polski	Urządzenie jest zgodne z ogólnymi wymaganiami oraz szczególnymi warunkami określonymi Dyrektywą UE: 1999/5/WE.
Portuguese (PT) Português	Este equipamento está em conformidade com os requisitos essenciais e outras provisões relevantes da Directiva 1999/5/CE.
Romania (RO) Româna	Acest echipament este in conformitate cu cerintele esentiale si cu alte prevederi relevante ale Directivei 1999/5/EC.
Spain (ES) Español	Este equipo cumple con los requisitos esenciales así como con otras disposiciones de la Directiva 1999/5/CE.
Slovenian (SL) Slovensko	Ta naprava je skladna z bistvenimi zahtevami in ostalimi relevantnimi pogoji Direktive 1999/5/ES.
Slovak (SK) Slovensky	Toto zariadenie je v súlade so základnými požiadavkami a ostatnými príslušnými ustanoveniami smernice 1999/5/ES.
Swedish (SV) Svenska	Denna utrustning är i överensstämmelse med de väsentliga kraven och andra relevanta bestämmelser i direktiv 1999/5/EG.

Applied Standards for the EC Declaration of Conformity

Radio spectrum:

- Single band and dual band products EN 300 328 for sub-band a) 2400 - 2483,5 MHz
- Dual band products only:
EN 301 893 for sub-bands b) 5150 - 5250 MHz, c) 5250 - 5350 MHz, d) 5470 - 5725 MHz

Safety:

- Single band and dual band products:
 - EN 60950-1
 - EN 50371

Electromagnetic Compatibility (EMC):

- Single band and dual band products:
 - EN 301 489-1
 - EN 301 489-17

CE Marking

This Product is intended to be operated in the following countries: AT, BE, BG, CY, CZ, DK, EE, FI, FR, DE, GR, HU, IE, IT, LV, LT, LU, MT, NL, PL, PT, RO, SK, SI, ES, SE, GB, NO, CH, LI.

The following conformity mark is added to the WLAN product in accordance to annex VII of 1999/5/EC:



For some products a Notified Body was consulted. In this case its number is noted between **CE** and the alert symbol **!**.

National Restrictions and Requirements for Authorization

In accordance to article 6 (3) of 1999/5/EC we herewith inform you about the national restrictions and requirements for authorization in the following countries (see table below). The requirements for any country may evolve. We recommend that you check with local authorities for the

latest status of their national regulations for both 2.4 and 5 GHz wireless LANs.

TABLE 14.3 Frequency Bands and Restrictions

Frequency Band	Restrictions	RF - Radiated Power	Comments
2400 - 2454 MHz	None	100 mW e.i.r.p.	Class 1
2400 - 2483.5 MHz	None	10 mW e.i.r.p.	Class 1
2454 - 2483.5 MHz	Yes	100 mW e.i.r.p.	Class 2
5150 - 5250 MHz	Yes		Class 2
5250 - 5350 MHz	Yes		Class 2
5470 - 5725 MHz	Yes		Class 2

The 5-GHz equipment meets the Dynamic Frequency Selection (DFS) requirements applicable to client cards (slaves) as defined in ETSI EN 301 893.

In order to meet the Transmit Power Control (TPC) requirement, the equipment has different user-selectable power levels from which the maximum power level is 3 dB below the applicable limit.

The following sections identify countries having additional requirements for authorization or restrictions other than those listed in the table above (indicated by "Yes" in the column "Restrictions").

Note – Please note that this table might not be up to date as you read it. Despite careful research on the subject, there may be regulations in countries which are not mentioned here. If you are uncertain about your national regulations, please contact your national regulatory authority!

Denmark

In Denmark, the band 5150 - 5350 MHz is also allowed for outdoor usage.

I Danmark er frekvensbåndene 5150 - 5350 MHz også tilladt til udendørs brug.

France

For 2.4 GHz, the output power is restricted to 10 mW EIRP when the product is used outdoors in the band 2454 - 2483.5 MHz. There are no restrictions when used in other parts of the 2,4 GHz band. Check <http://www.arcep.fr/> for more details.

Pour 2,4 GHz, la puissance de sortie est limitée à 10 mW PIRE lorsque le produit est utilisé à l'extérieur dans la bande 2 454 - 2 483,5 MHz. Il n'y a pas de limitation dans le cas d'une utilisation dans les autres parties de la bande 2,4 GHz. Pour obtenir de plus amples informations, consultez le site <http://www.arcep.fr/>.

Italy

This product meets the National Radio Interface specifications and the requirements in the National Frequency Allocation Table for Italy.

Operating wireless equipment requires a "general authorization" unless it is operated within the boundaries of the owner's property. Please check with <http://www.comunicazioni.it/it> for more details.

Questo prodotto è conforme alla specifiche di Interfaccia Radio Nazionali e rispetta il Piano Nazionale di ripartizione delle frequenze in Italia. Se non viene installato all'interno del proprio fondo, l'utilizzo di prodotti Wireless LAN richiede una "Autorizzazione Generale".

Consultare <http://www.comunicazioni.it/it> per maggiori dettagli.

Latvia

The outdoor usage of the 2.4-GHz band requires an authorization from the Electronic Communications Office. Please check <http://www.esd.lv> for more details.

Areja 2.4-GHz grupas lietošana pieprasa Electronic Communications Office (Elektronisko sakaru biroja) atļauju. Sikakam detalam izvelieties, lūdzu, <http://www.esd.lv>.

Antennas

This Product is to be operated with the antennas supplied with the equipment.

Operating Frequency

The operating frequency is determined by the access point to which the client is associated. The operating frequency of the client cannot be set manually. It is important that the Access Point is correctly configured to meet the local regulations.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and

- (2) This device must accept any interference received, including interference that may cause undesired operation.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Note: This equipment marketed in USA is restricted by firmware to only operate on 2.4G channel 1-11

StoneGate Appliance Installation Guide

This booklet covers the initial installation and configuration tasks specific to your StoneGate Appliance.

For information on how to prepare the Management Center for a new engine installation, see the other available documentation. See inside for further details.

All documentation and our technical knowledge base is available at www.stonesoft.com/support.

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