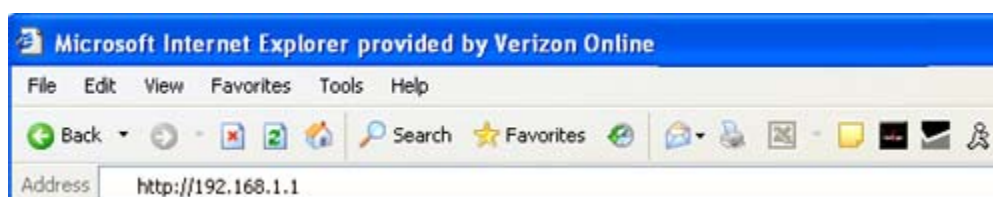


Periodically Changing the VersaLink Gateway WEP Encryption Key

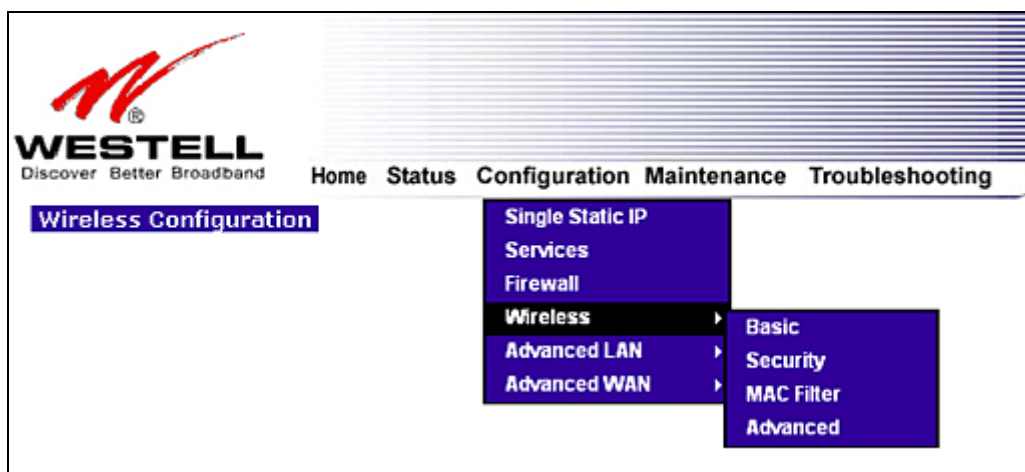
When data is transmitted between devices on a wireless home network, the sending device uses the WEP key to encrypt the data while it travels via radio waves to the receiving device. The data is then decrypted using the same encryption key. If the WEP encryption key is not changed regularly, it is easier for hackers to capture enough data to figure out the encryption key.

Although changing the WEP encryption key doesn't ensure the safety of your data, you can make it more difficult for most hackers to access sensitive information by changing the WEP encryption key often.

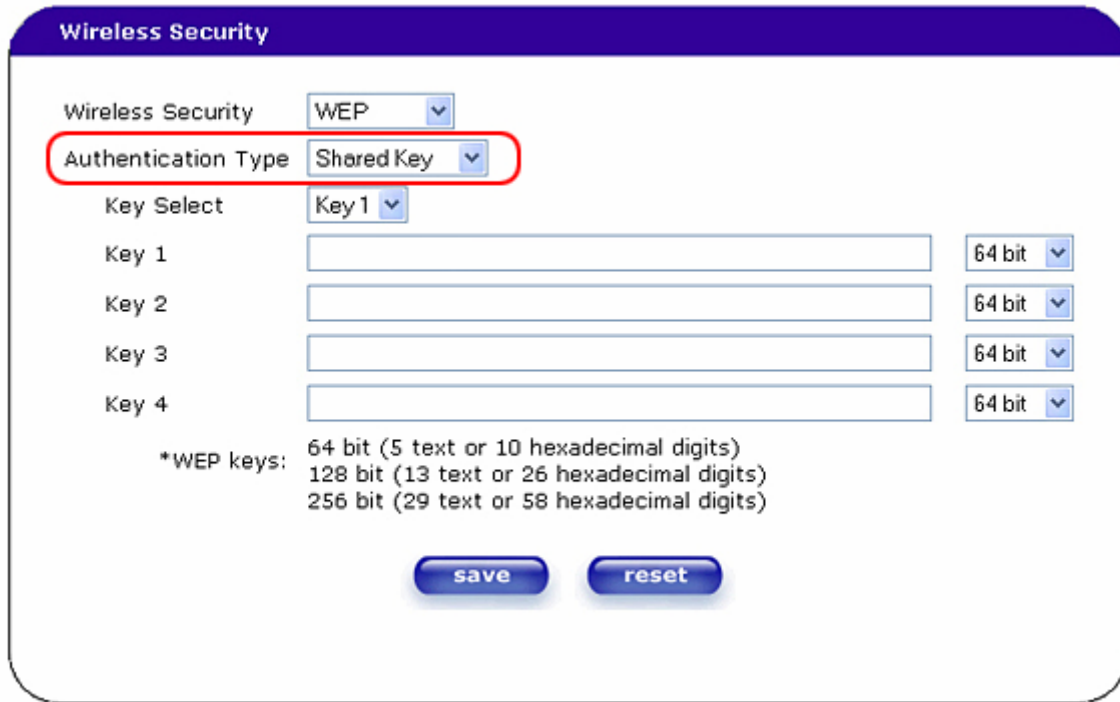
1. Open your Web browser and enter ***http://192.168.1.1*** in the **Address** field.



2. Select **Wireless** from the **Configuration** menu.



2. Select Security from the Wireless Configuration menu.
3. Confirm the Authentication Type is set to Shared Key. [\[Show Me\]](#)



Wireless Security

Wireless Security

Authentication Type

Key Select

Key 1

Key 2

Key 3

Key 4

*WEP keys:
64 bit (5 text or 10 hexadecimal digits)
128 bit (13 text or 26 hexadecimal digits)
256 bit (29 text or 58 hexadecimal digits)

4. Select which key (Key 1 - Key 4) should be used for encryption from the Key Select drop-down list.
5. Select the level of encryption from the drop-down list at the end of the encryption key you are using. 64-Bit is the present standard, but if you feel you need added security, you can select 128-Bit or 256-bit.
 - o **Note:** Higher levels of security can slow the network data transmission rates.

Wireless Security

Wireless Security: WEP

Authentication Type: Shared Key

Key Select: Key1

Key 1: [Text Field] 128 bit

Key 2: [Text Field] 64 bit

Key 3: [Text Field] 64 bit

Key 4: [Text Field] 64 bit

*WEP keys:
64 bit (5 text or 10 hexadecimal digits)
128 bit (13 text or 26 hexadecimal digits)
256 bit (29 text or 58 hexadecimal digits)

save reset

6. Enter the new WEP Key phrase in the **Key** field you're using for encryption. This phrase must be used for all computers on your home network. [\[Show Me\]](#)
 - If you're using 64-bit encryption, the WEP key must be 5 text characters or 10 hexadecimal digits.
 - If you're using 128-bit encryption, the WEP key must be 13 text characters or 26 hexadecimal digits.
 - If you're using 256-bit encryption, the WEP key must be 29 text characters or 58 hexadecimal digits.

Wireless Security

Wireless Security: WEP

Authentication Type: Shared Key

Key Select: Key1

Key 1	ILoveMyFamily	128 bit
Key 2		64 bit
Key 3		64 bit
Key 4		64 bit

*WEP keys:
64 bit (5 text or 10 hexadecimal digits)
128 bit (13 text or 26 hexadecimal digits)
256 bit (29 text or 58 hexadecimal digits)

save **reset**

7. Click **Save**.