Setting or Changing a Password

Issue   1.3
Date   15 May 2012

1 About this document

This document explains how set up and change a password on a Virtual Access router.

1.1 Readership

This document is for engineers who have previous experience configuring and managing networks.

2 Introduction

Network security provides protection at the boundaries of your network, keeping intruders and malious programs out.

You can set passwords to control who can view and configure your router. Setting a password on the web interface for all local and remote users blocks unauthorized users from accessing web pages of the router, as well as offering a secure login to a Telnet session.

There are three different options for setting up passwords on your router.

- **Super user**: set a password for a super user, assign rights to change and configure the router for remote access users.

- **Administrator**: set a password for an administrator. Local access users who want to configure the router will need to provide this password.

- **User**: set a password for a user. Assign rights to view the statistics section on the router to troubleshoot and diagnose router operations.

The router also has an 'Allow Remote Logins' option which gives remote users the right to access the web interface.

3 Configuring the router

Virtual Access routers contain an internal web server that is used for configurations. Before you can access the internal web server and start configurations, you must ensure that your PC has the correct networking set up.

To enable and configure connections on your router, it must be correctly installed, and a valid service must be configured on it.

When your router is correctly connected to your PC, type fast.start into the URL line of your browser to display the Start page.
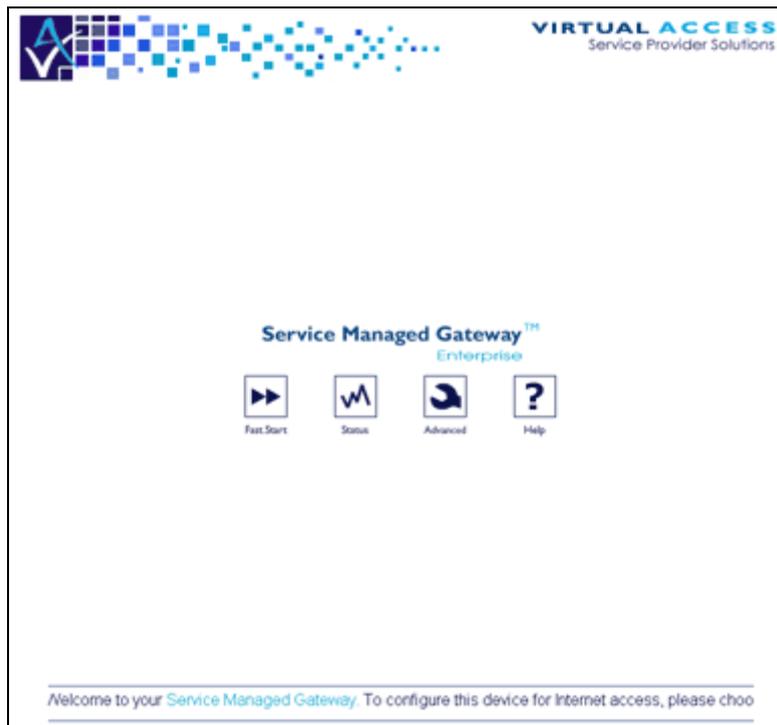

Figure 1: The SMG start page

If a login page appears type in the login password you received from your administrator.

If you have not received a password, contact the Virtual Access Support team.

Access the Fast Start Wizard by clicking the **Fast.Start** icon on the Start page of the embedded web.

The Fast Start Wizard will guide you through a series of forms that you must complete to configure your SMG.

Access the Expert View menu by clicking the **Advanced** icon and then, in the Advanced menu, click **Expert View**.

4 Configuring passwords

4.1 Setting up a router password

This password sets the access rights to view or configure the router.

To set up a password, click **Advanced** on the Start page. The Advanced menu appears.
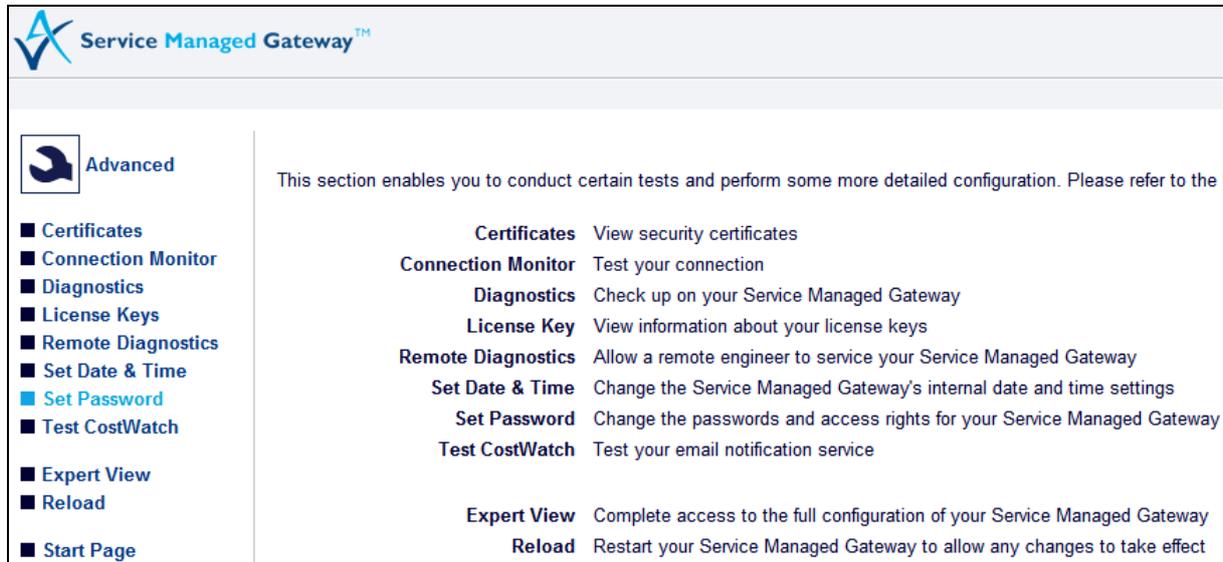

Figure 2: The advanced menu
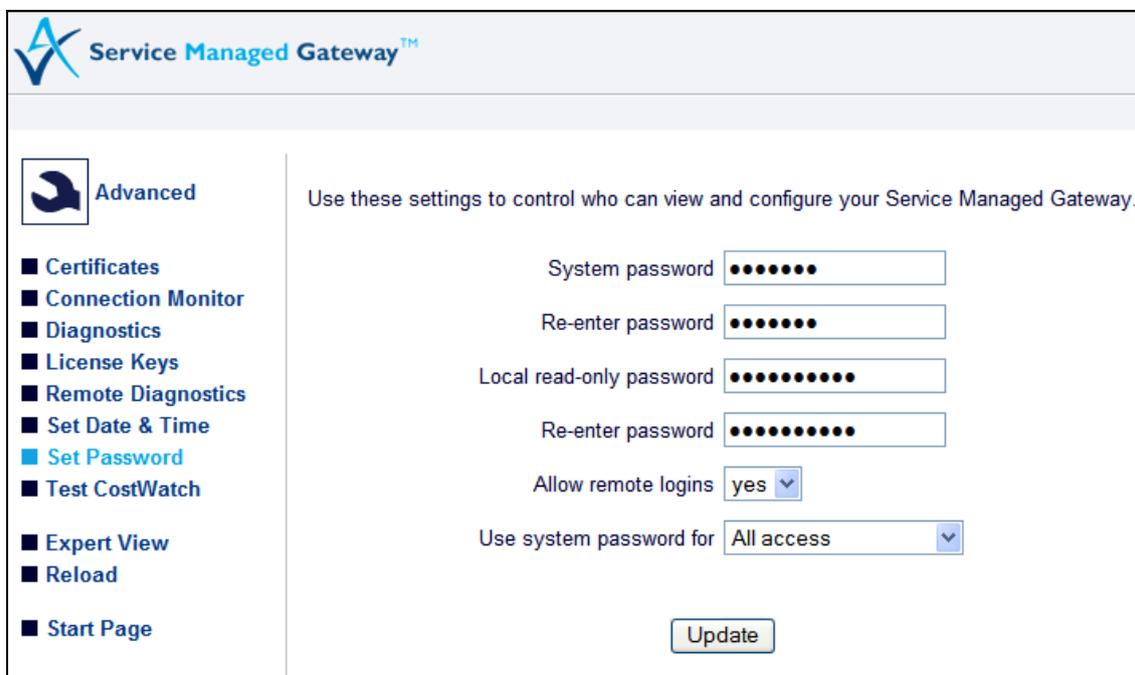
In the Advanced menu, click **Set Password**.

Figure 3: The set password page

Field	Description	Command Line
System password	Set up an encrypted password for super users. (Remote access users).	`Set security encrypted password super, xxxx`
Re-enter password	Re-enter above password. This field is case sensitive.	No command line available.
Local read-only password	Set up local user password. The user has rights to view the statistics section on the router.	`Set security encrypted password user, xxxx`
Re-enter password	Re-enter above password. This field is case sensitive	No command line available.
Allow remote logins	Enable or disable remote users to login to the router. | **yes**	Enables remote users to login.
no	Disables remote users to login.		`Set security WAN Connection enabled`
Use system password for	Specify if a system password is required from all users or from remote users only. | **All access**	A password is required for all access.
Remote access only	A password is required for remote access only. | **Note**: The default value for remote access is no password, so it is important to set passwords to All access. If you set a password to All access, the user has to type the same password as the super user password when accessing the web.	`Set security encrypted password admin, xxxxx`

Table 1: The password fields, their descriptions and command lines.

Click **Update**. A confirmation message appears.

Your Service Managed Gateway details were updated successfully.

Figure 4: The confirmation message

4.2 Changing a password

If you wish to change your password settings, from the Start page, click **Advanced**. The Advanced menu appears.

In the Advanced menu click **Set Password**. The Set Password page appears.

Figure 5: The set password page

There are no asterisks showing the existing password. Type in the new password and then click **Update**. The new passwords are set and a confirmation message appears.

Alternatively, if you wish to remove passwords, set Allow remote logins to **no** and then click **Update**.

5 Configuring an ADSL username and password on PPP-1

This password sets access rights for ADSL and 3G access on the router.

To set the ADSL username and password, from the start page, click **Advanced**.

In the Advanced menu click **Expert View -> interfaces -> ppp-1 -> ppp -> authentication -> name and password**. The Username and Password page appears.
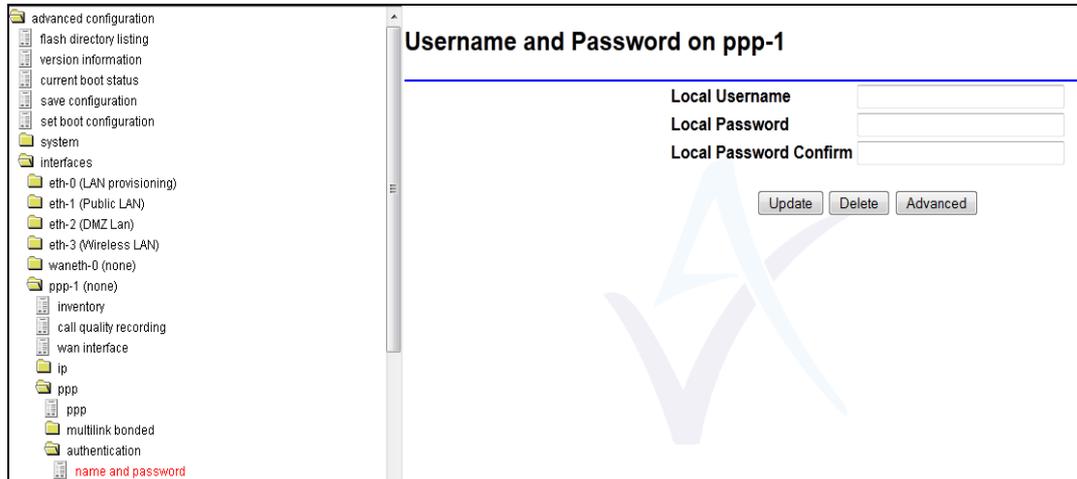

Figure 6: The Username and password page

Type in the username and password details.

1. Click **Update** and **save to flash**. Note which configuration you have committed the changes to.

6 Saving your configurations

You can leave saving your configuration until you have made all the configuration changes you need to.

When you have made your final configuration, click **Update**. The Configuration Update Result page appears.

Configuration Update Result

Status	Configuration committed successfully
Errors	None
Save	Changes will be lost unless saved to flash
Reboot?	The system must be reloaded before all changes will come into effect

Return to previous page

Figure 7: The configuration update result page

Click **saved to flash**. The Save Configuration to Flash page appears.

Save Configuration to Flash

The last flash configuration loaded was **config1**.
When the system is next rebooted, **config1** will be loaded.

Some of your recent changes have not yet been saved to flash.

Save Committed Changes To   Config 1

Save   Reset Form

Figure 8: The save configuration to flash page

Click **Save**. The Configuration Saved page appears.

Configuration Saved

Your configuration has been successfully saved.

The system's software image is **image1** and will restart using **image1**
The system's flash configuration file is **config1** and will restart using **config1**

Some of your recent changes require a reload to take effect. To reload your Service Managed Gateway n[
below. You should only reload after you have completed all your configuration changes.
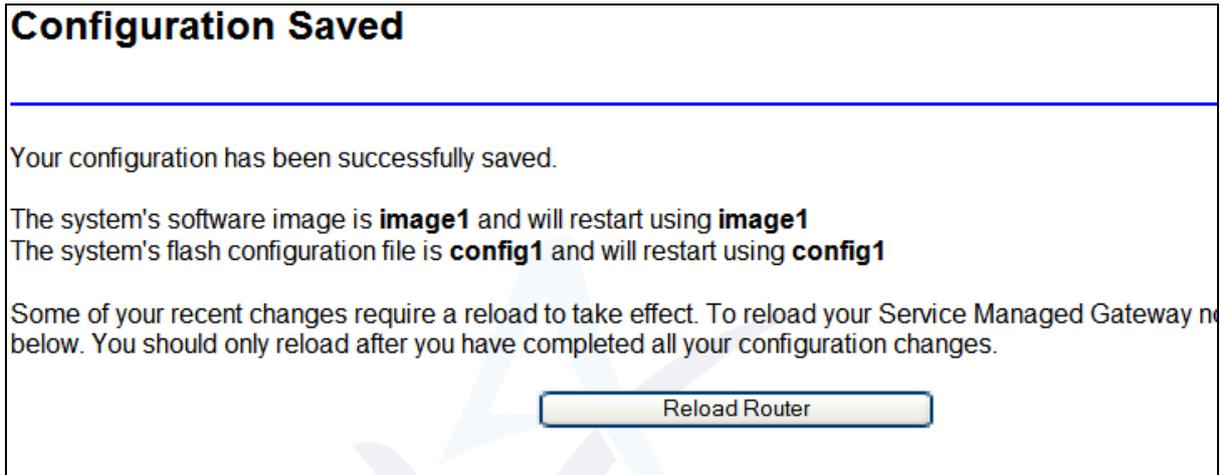
Reload Router

Figure 9: The configuration saved page

Click **Reload Router**.

The Reload Router button shows a progress timer and then the page returns to the Fast.Start page.