

Web Interface Guide



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## 1. Introduction

This document describes the SSRPM web interface. The chapter Installing the Web Interface covers the installation of the SSRPM Web Interface with Microsoft IIS. The chapter Overview covers the pages that are available with the SSRPM Web Interface.

Please note that the Web Interface shipped with SSRPM can be fully customized. Refer to the "COM Object Guide" for a complete description of the SSRPM COM Object used in the Web Interface.

## 2. Installing the Web Interface

This chapter describes step by step how to install the web interface. This document assumes that IIS is already installed and running. The Web interface is installed in three steps:

1. Installing the SSRPM COM Object. First, the SSRPM COM object must be installed on the machine running IIS.
2. Installing the Web Interface. Second, the Web Interface must be copied to a directory on the machine running IIS.
3. Configuring IIS. Last, IIS must be configured so that the web interface can be accessed.

### 2.1. Installing the SSRPM COM Object

The Web Interface uses the SSRPM COM Object to access the SSRPM Service. This COM Object must first be registered on the machine running IIS. This chapter will describe in detail how to register the SSRPM COM Object.

1. Copy the SSRPM COM Object to the target machine. The SSRPM COM Object is installed together with the SSRPM Admin Console and can be found in the directory "C:\Program Files\Tools4ever\SSRPM\COM". The name of the file is "SSRPMCOM.dll".
2. Also copy the file 'Register.bat' to the same directory as the SSRPM COM Object.
3. Go to the machine running IIS.
4. Double click on the file 'Register.bat'. If the registration succeeds, the following dialog is displayed:



This completes the installation of the SSRPM COM Object. The next chapter will describe how to install the Web Interface on the machine running IIS.

### 2.2. Installing the Web Interface

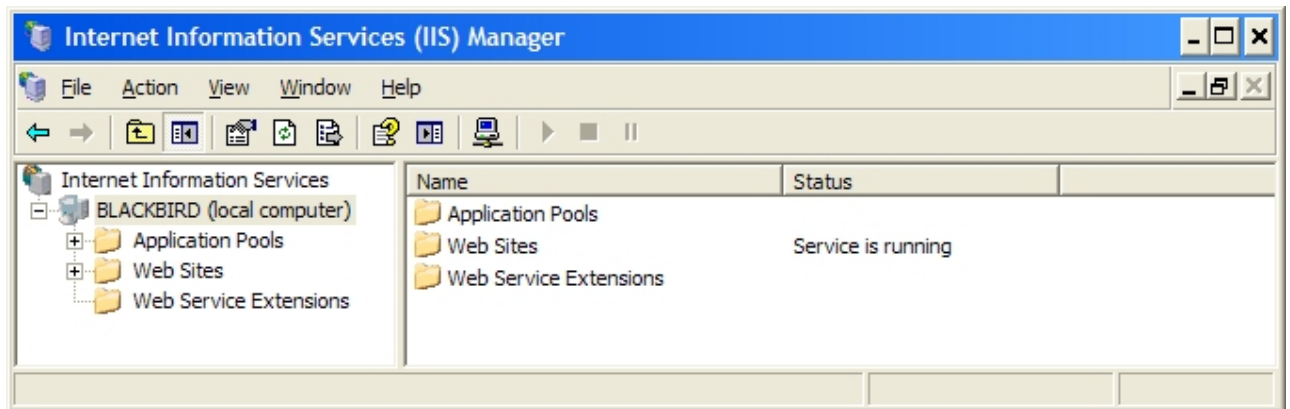
The SSRPM Web Interface is a set of ASP pages with which a user can enroll into SSRPM, reset his password or unlock his account. This chapter describes how to install the SSRPM Web Interface on the machine running IIS.

1. The SSRPM Web Interface files are installed together with the SSRPM Admin Console. They can be found in the directory 'C:\Program Files\Tools4ever\SSRPM\Admin Console\Examples\Web Interface'. Select all of the files in that directory (including any subdirectories) and copy them to an empty directory on the machine running IIS.

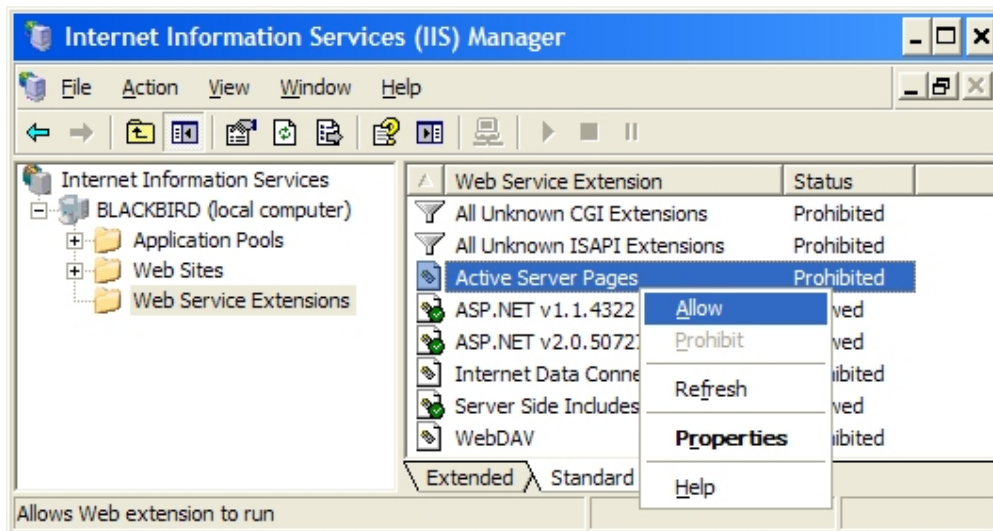
## 2.3. Configuring IIS

After installing both the SSRPM COM Object and the SSRPM Web Interface, IIS can now be configured to run the SSRPM Web Interface. This chapter describes in detail how to configure IIS to run the SSRPM Web Interface.

1. Go to the Control Panel and click on Administrative Tools.
2. Double click on the 'Internet Information Services (IIS) Manager'. The IIS Manager is displayed:

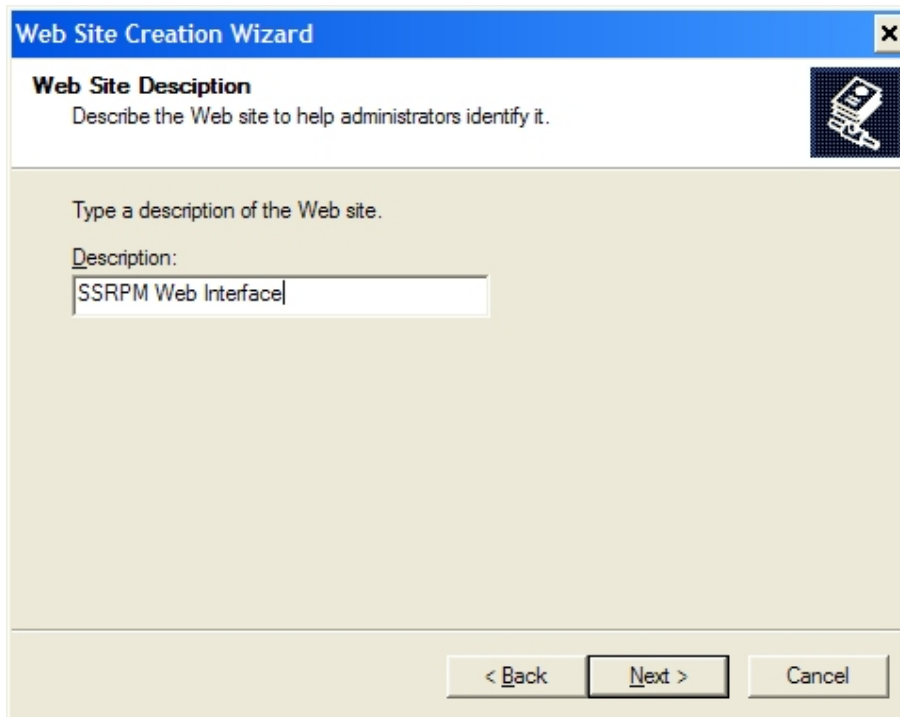


3. Select the 'Web Service Extensions' folder.
4. Right click on 'Active Server Pages' and select 'Allow' from the menu:



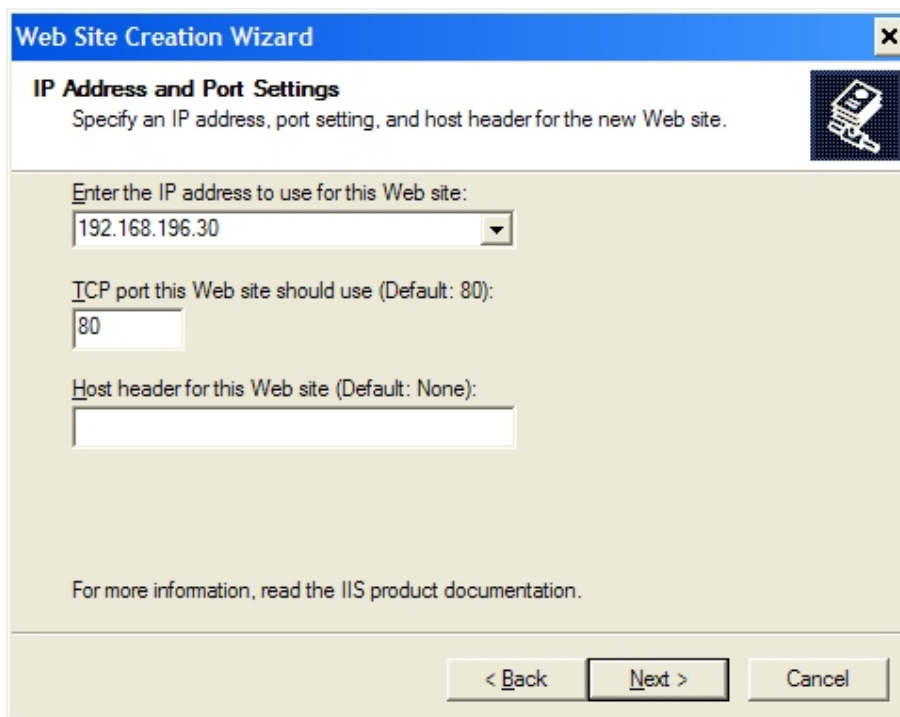
5. Right click on the folder 'Web Sites' and select 'New --> Web Site...'. This will display the Web Site creation wizard.

- Click on 'Next' so that the 'Web Site Description' page is displayed:



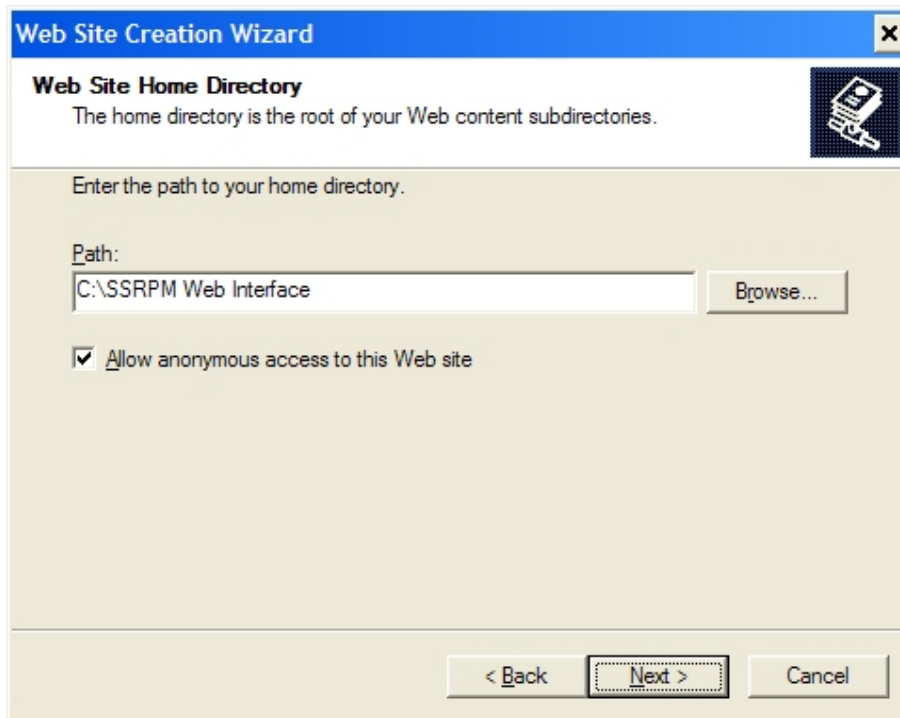
The screenshot shows a dialog box titled "Web Site Creation Wizard" with a close button (X) in the top right corner. The main heading is "Web Site Description" and the instruction is "Describe the Web site to help administrators identify it." There is a small icon of a floppy disk with a checkmark. Below the instruction, it says "Type a description of the Web site." and "Description:" followed by a text input field containing "SSRPM Web Interface". At the bottom, there are three buttons: "< Back", "Next >", and "Cancel".

- Enter a description for the web interface and click 'Next'.
- The following page is displayed:



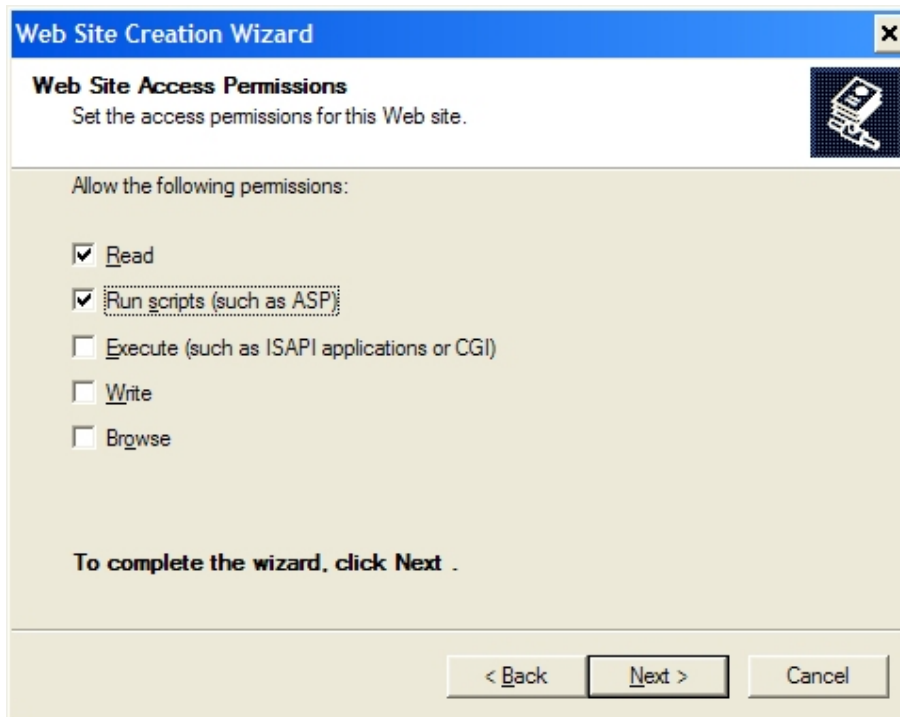
The screenshot shows a dialog box titled "Web Site Creation Wizard" with a close button (X) in the top right corner. The main heading is "IP Address and Port Settings" and the instruction is "Specify an IP address, port setting, and host header for the new Web site." There is a small icon of a floppy disk with a checkmark. Below the instruction, it says "Enter the IP address to use for this Web site:" followed by a dropdown menu showing "192.168.196.30". Below that, it says "TCP port this Web site should use (Default: 80):" followed by a text input field containing "80". Below that, it says "Host header for this Web site (Default: None):" followed by an empty text input field. At the bottom, there are three buttons: "< Back", "Next >", and "Cancel".

9. Enter the IP address and the port number that must be used for the website and click on next.
10. The Home Directory page is displayed:



11. Enter the path to which the SSRPM Web Interface files were copied and click on next.

- The 'Web Site Permissions' page is displayed:



- Make sure that 'Read' and 'Run Scripts (Such as ASP)' are checked and click on Next.
- Click on Finish to exit the wizard.

To check if the web site is up and running, open a browser and enter 'http://' and the ip address specified in the wizard. If the entered port number is not 80, also specify the port number. (For instance: 'http://192.168.196.30:81')

**Please note that the finish page of the Web Site Creation Wizard displays that the creation of the web site succeeded or failed. If the creation failed it is possible that another web site is already running on the specified IP address/Port Number. In that case restart the wizard and choose another IP address and/or port number.**

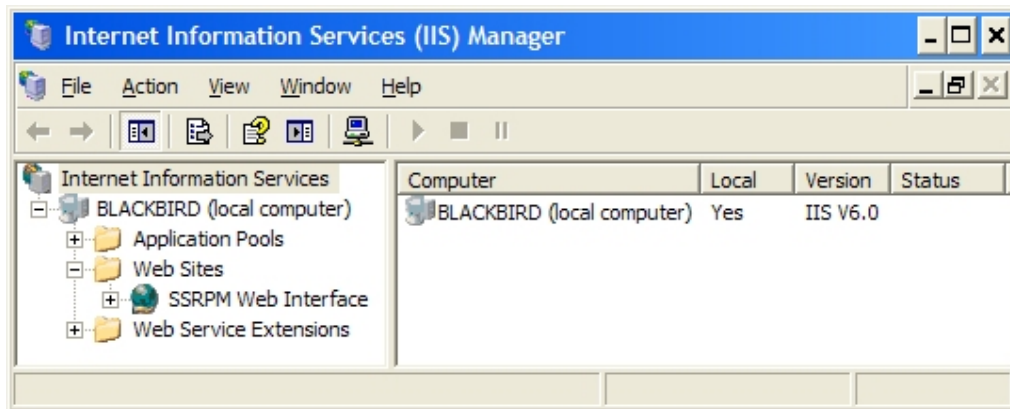
After completing these steps, the web interface is up and running. It is however not secure. Please refer to the next subchapter 'Configuring SSL' on how to install and configure SSL for the SSRPM Web Interface.

## 2.4. Configuring SSL

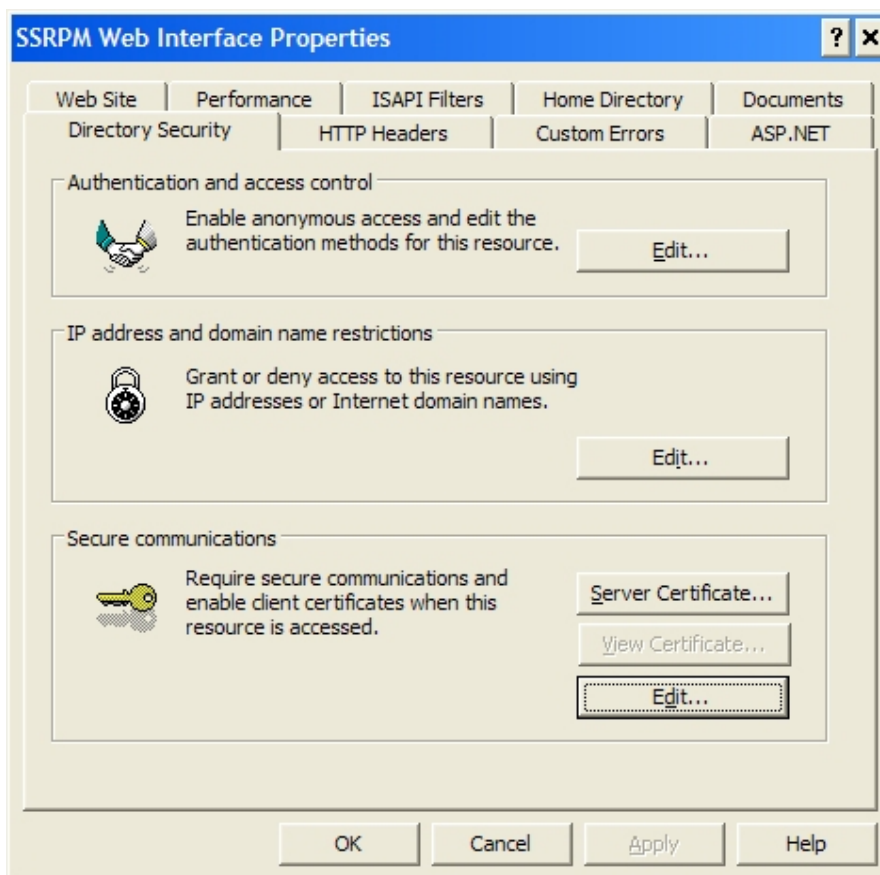
After the Web Interface has been installed, it can be used to enroll users and reset passwords. It is however not very safe, because all information is sent to the IIS Server in clear text. Because of this, all Web Interface Implementations should use SSL to encrypt all information send and received. This chapter will guide you through the process of configuring SSL for the SSRPM Web Interface.

- Go to the Control Panel and click on Administrative Tools.

2. Double click on the 'Internet Information Services (IIS) Manager'. The IIS Manager is displayed:

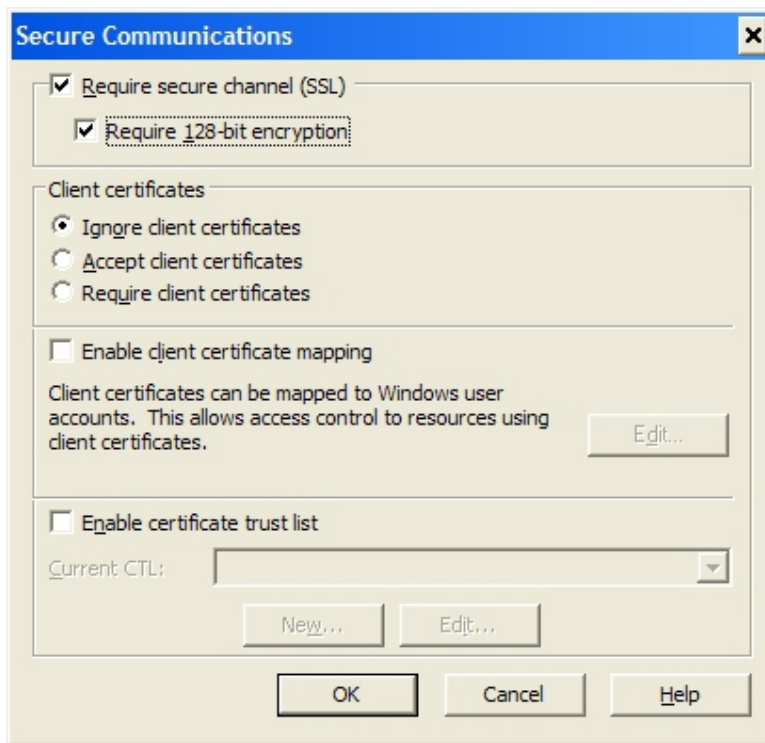


3. Right click on 'SSRPM Web Interface' and select 'Properties' from the menu.
4. Go to the 'Directory Security' tab:



5. Click on the 'Server Certificate...' button to start the 'Web Server Certificate Wizard'. There are several different methods to finish this wizard and they will not be discussed in this document.

- After finishing the 'Web Server Certificate Wizard', click on the 'Edit...' button in the 'Directory Security' tab. This will display the 'Security Communications' dialog:



- Please check the 'Require secure channel (SSL)' checkbox and the 'Require 128-bit encryption' checkbox. Click on OK when finished.
- Click on 'OK' to close the web interface configuration pages.

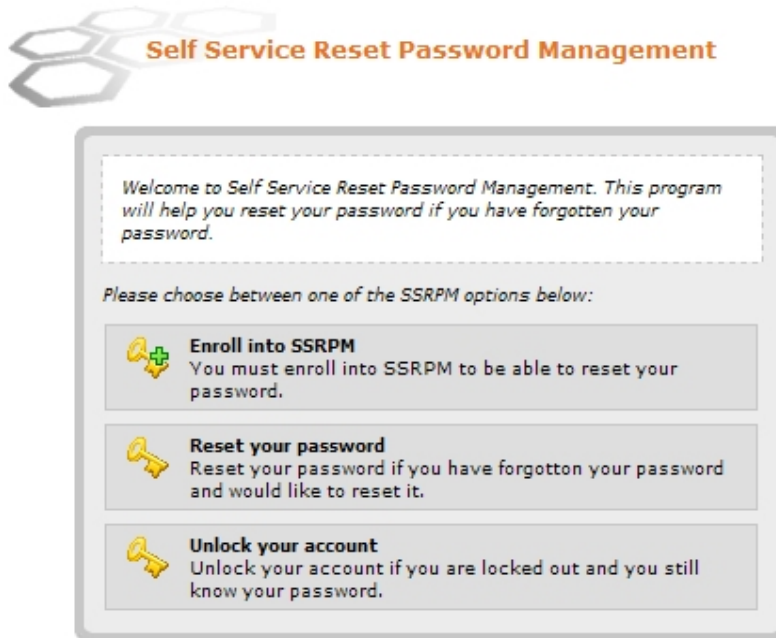
After completing these steps, the web interface is secured using SSL. To access the web interface 'https' in stead of 'http' must be used.

### 3. Overview

This chapter describes which pages are available when using the SSRPM Web Interface. Please note that the provided web pages can be fully customized.

### 3.1. Main Window

The main window 'Default.asp' is displayed if the user browses to the Web Interface.



The user is presented with three options which are described in the following chapters:


- Enroll into SSRPM. Allows a user to enroll into the SSRPM Program.
- Reset your password. Allows a user to reset his password (and optionally to unlock his account).
- Unlock your account. Allows a user to unlock his account without resetting his password.

### 3.2. Enrollment

If a user has chosen to enroll into SSRPM, he is first asked to logon:



#### SSRPM Enrollment: Logon

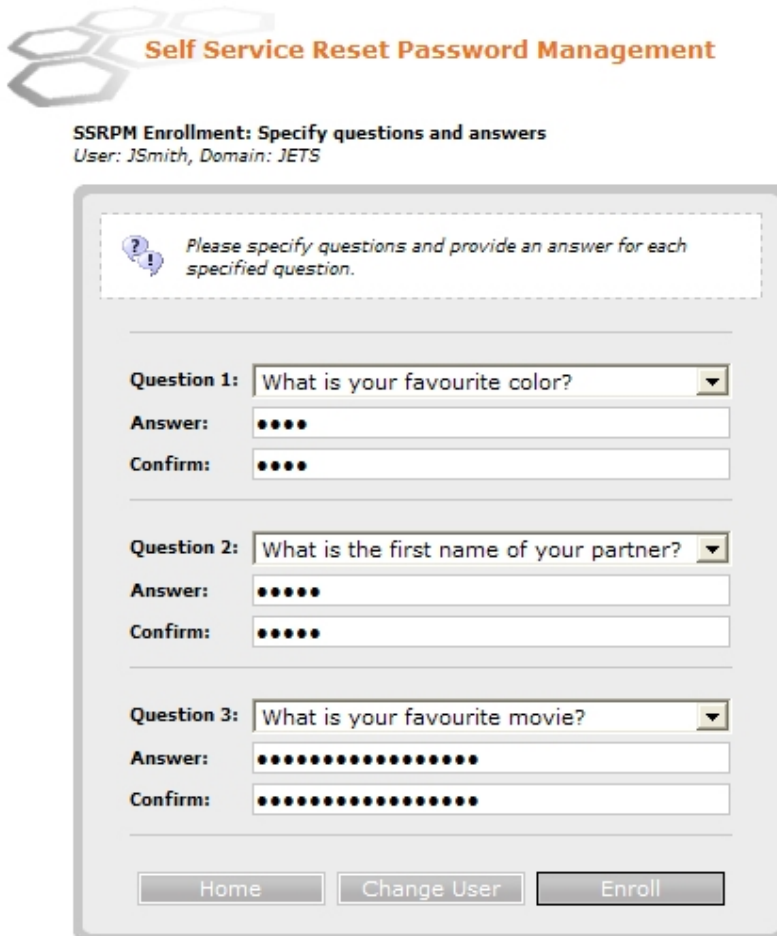
 Please provide your username, password and domain name.

**User name:**

**Password:**

**Domain:**

Once the user is logged on, he will be asked to answer the questions specified in the profile:



**Self Service Reset Password Management**

**SSRPM Enrollment: Specify questions and answers**  
User: JSmith, Domain: JETS

*Please specify questions and provide an answer for each specified question.*

**Question 1:** What is your favourite color?

**Answer:**

**Confirm:**

**Question 2:** What is the first name of your partner?

**Answer:**

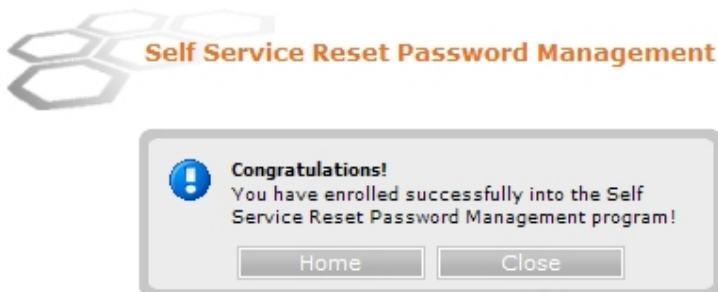
**Confirm:**

**Question 3:** What is your favourite movie?

**Answer:**

**Confirm:**

After answering the required question, the user can enroll by clicking the 'Enroll' button. If the enrollment succeeds, he will be presented with the following page:




**Self Service Reset Password Management**

**Congratulations!**  
You have enrolled successfully into the Self Service Reset Password Management program!

After the enrollment process, the user can reset his password or optionally unlock his account.


### 3.3. Reset Password

If a user has chosen to reset his password, he is first asked to identify himself:



**Self Service Reset Password Management**


**SSRPM Password Reset: Identification**

 Please provide your username and domain name.

**User name:**


**Domain:**

After the user has identified himself, he is asked to answer the question he answered during enrollment and enter a new password:



**Self Service Reset Password Management**

**SSRPM Password Reset: Answer questions**  
 User: JSmith, Domain: JETS

 Please answer all questions and provide a new password to reset your password.

**Question 1:** What is the first name of your partner?  
**Answer:**

**Question 2:** What is your favourite color?  
**Answer:**

**Question 3:** What is your favourite movie?  
**Answer:**

*-The password must be at least 7 characters long.*

**Please enter your new password:**

**Confirm your new password:**

After answering the required questions and entering a new password, the user can reset his password by clicking on the 'Reset Password' button. If the user successfully resets his password, he will be presented with the following page:



### 3.4. Unlock Account

If a user has chosen to unlock his account, he is first asked to identify himself:

The screenshot shows the 'Self Service Reset Password Management' interface for account identification. At the top left is a logo consisting of several overlapping hexagons. To the right of the logo is the title 'Self Service Reset Password Management' in orange text. Below the title is the subtitle 'SSRPM Unlock Account: Identification'. The main content is a grey rounded rectangular box. Inside the box, at the top, is a dashed border containing a user icon and the text 'Please provide your username and domain name.'. Below this are two input fields: 'User name:' with the text 'JSmith' and 'Domain:' with the text 'JETS'. At the bottom of the box are two buttons: 'Home' and 'Continue'.



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