Juniper OneTouch

Contents

Overview

This document is intended to supplement the the OneTouch Mobile guide and the OneTouch Voice guide for using the Swivel Juniper OneTouch Demo application.

Prerequisites

Swivel 3.10.4

Juniper 7.x or 8.x

Nexmo Account (or other Telephony provider) for OneTouch Voice telephone-based solution

Latest version of the Swivel Appliance Proxy available from Downloads

Swivel OneTouch Application demo available from Downloads

Juniper Custom login pages OneStage.zip or TwoStages.zip

Baseline

(The version tested with)

Swivel 3.10.4

Juniper 7.x

Architecture

See OneTouch Voice and OneTouch Mobile

Installation

One Touch Demo Application Installation

Install the Swivel OneTouch Demo Application

Swivel Integration Configuration

Configure the Swivel server and users as detailed in this guide OneTouch Voice or OneTouch Mobile.

Juniper One Touch Integration

Modifying the Custom login Pages

Modify the Juniper login pages either for OneStage or TwoStage authentication.

For Single Stage authentication

Open the OneTouchOneStage.zip file

Modify the LoginPage.thtml file

edit the 2 URLs to access to your OneTouch demo app:

e.g.: http://localhost:8081/onetouchdemo/onetouch?returnurl=

Save the changes and create a zip. NOTE: the zip has to contain just the files and not the onetouch folder or itself a subfolder.

For Two Stage Authentication

Open the OneTouch2Stages.zip file

Modify the Defender.thtml file

edit the URLs to access to your OneTouch demo app:

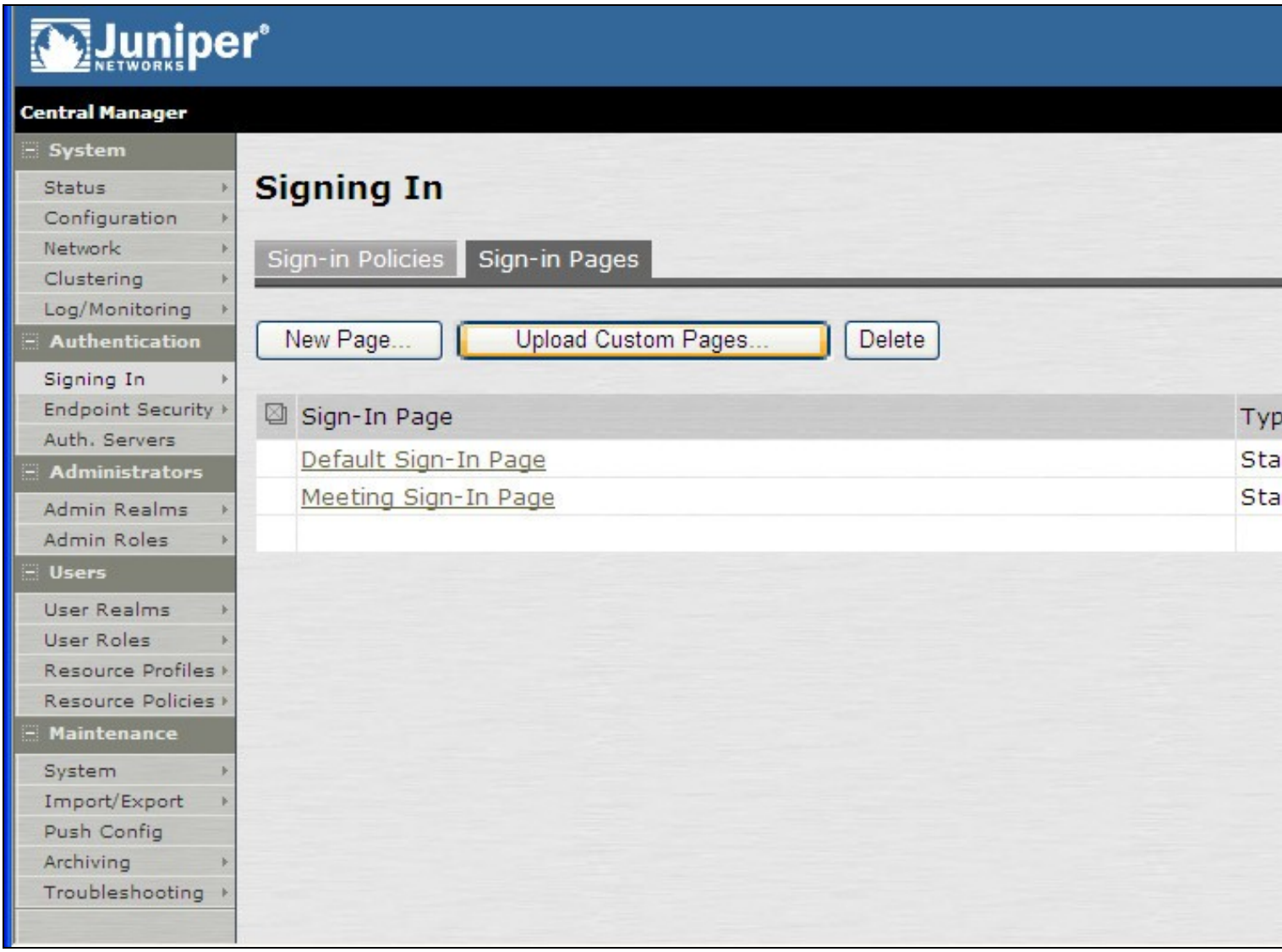
e.g.: http://localhost:8081/onetouchdemo/onetouch?returnurl=

Save the changes and create a zip. NOTE: the zip has to contain just the files and not the onetouch folder or itself a subfolder.

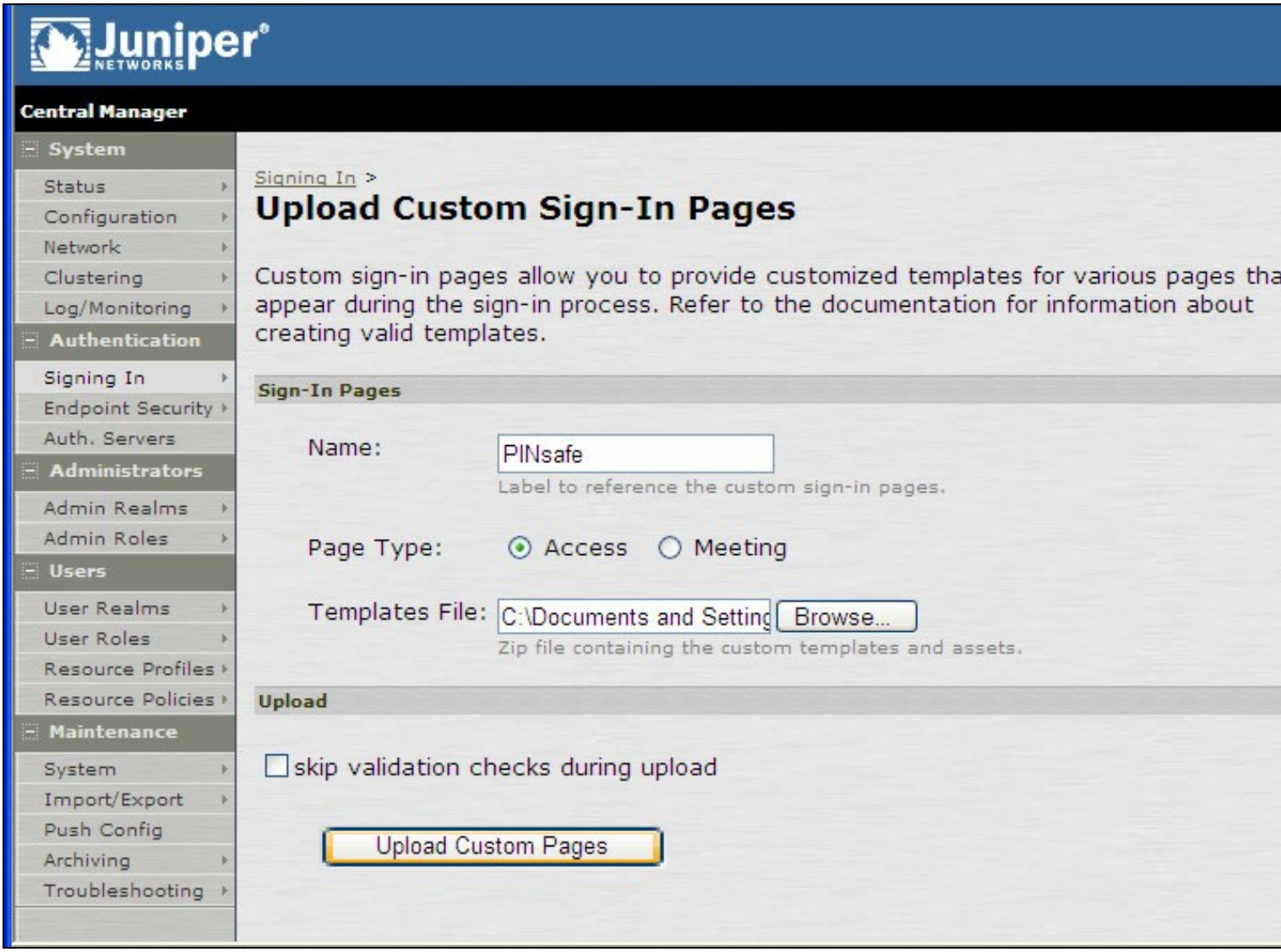
Uploading the Custom Sign in pages

As with the Swivel Juniper integration, the custom pages need to be uploaded and assigned to a signing-in policy and realm.

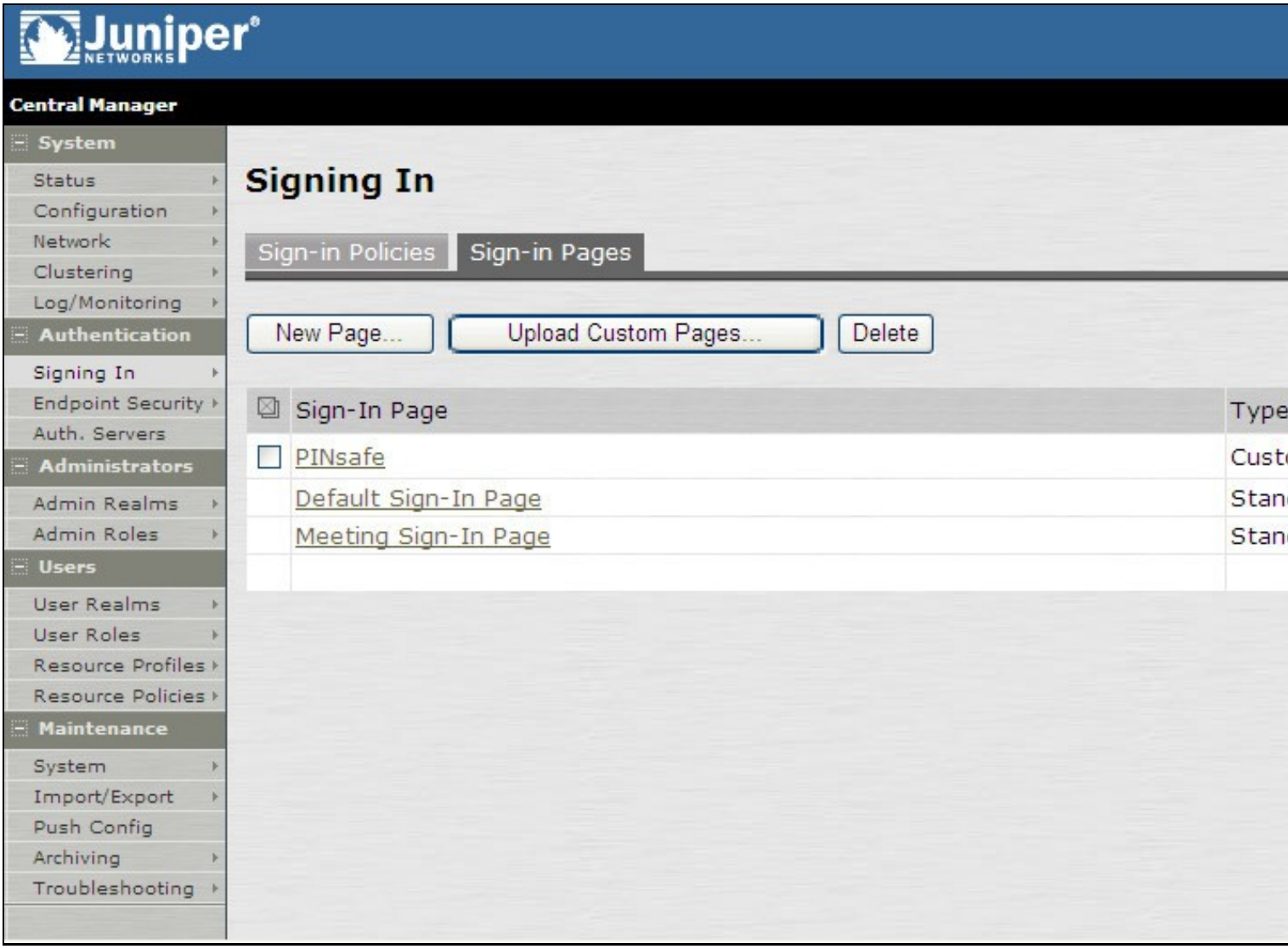
Ensure all the modified files are included with the zip file to upload to the Swivel server. On the Juniper select Signing In/Sign-in Pages then click on Upload Custom Pages.



Enter a Name for the Custom page, then use Browse to find the location of the Templates file. Then click on the Upload Custom Pages, observe any errors that may occur.

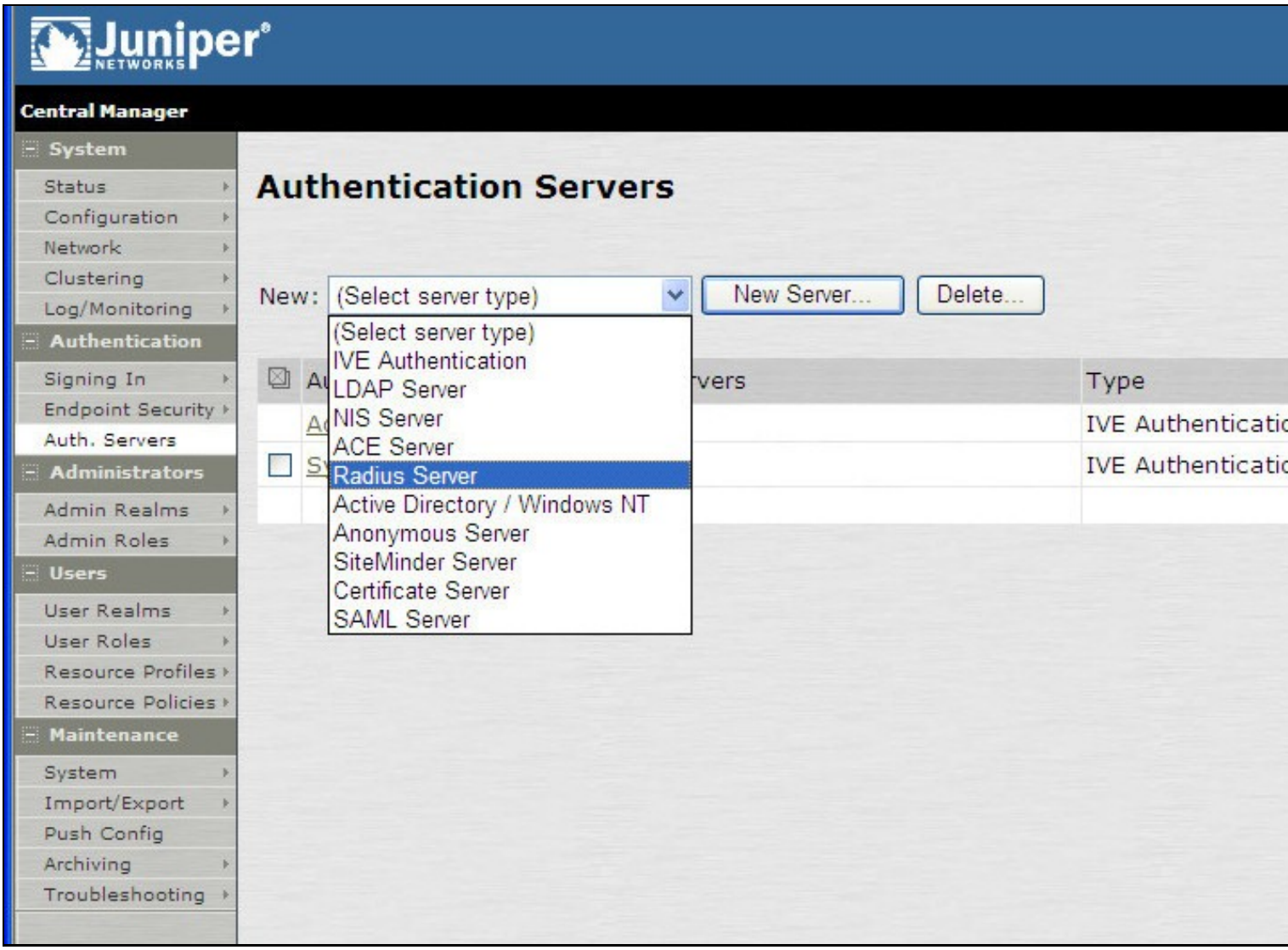


The new signing in page should be listed.



RADIUS Authentication Server Configuration

On the Juniper Server select Authentication Servers then select RADIUS Server from the drop down menu, and click on New Server.



The following information is required:

Name: A descriptive name for the RADIUS server

RADIUS Server: The Swivel server IP/Hostname (Use the Swivel server real IP address not the VIP, multiple servers can be defined as Primary and secondary servers).

Authentication Port: the port used to carry authentication information, by default 1812

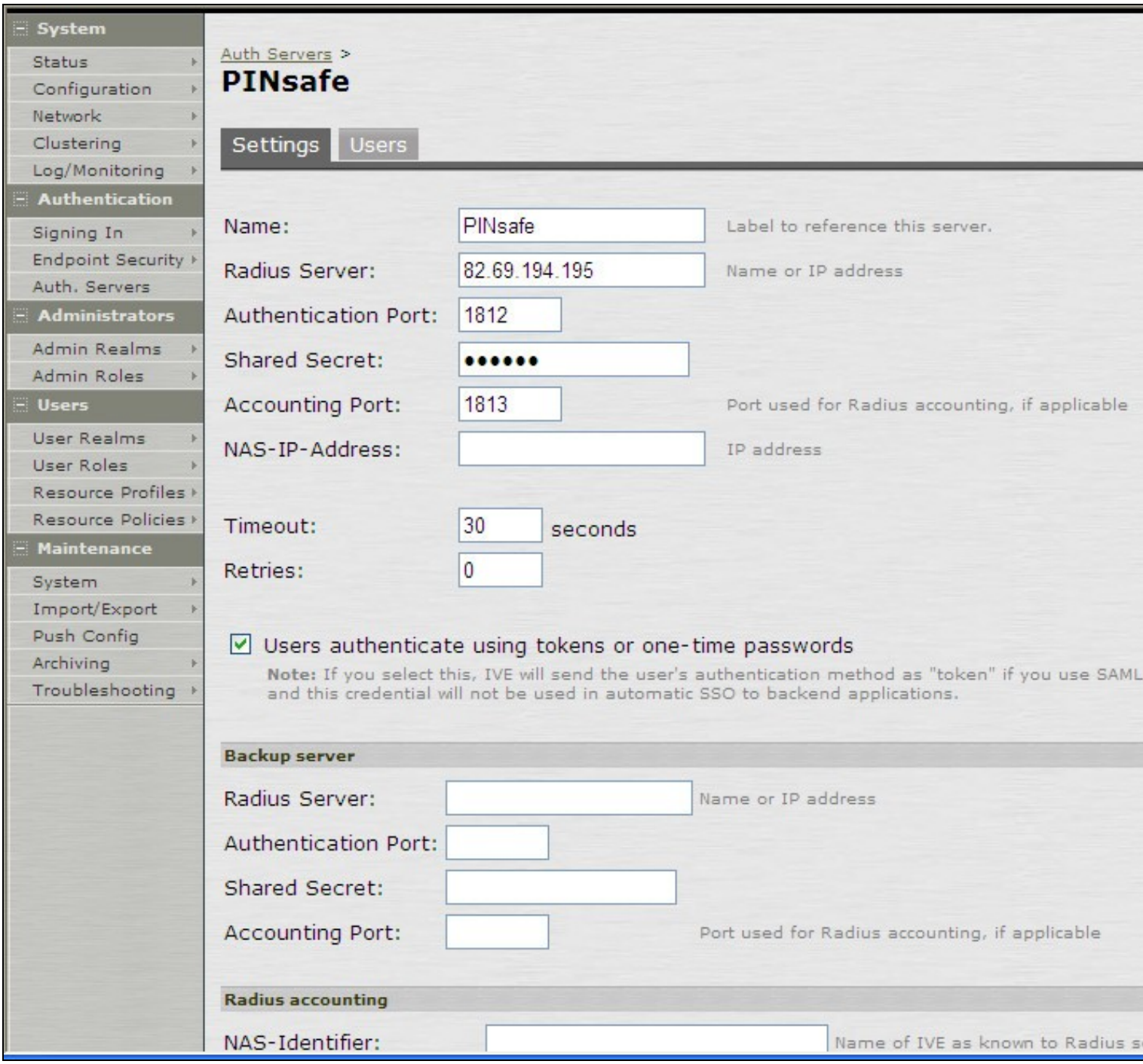
Shared Secret: The shared secret that has been entered on the Swivel server

Accounting Port: the port used to carry accounting information, by default 1813

NAS-IP Address: the Juniper interface used for communication, usually left empty

Users authenticate using tokens or one-time passwords Ensure this box is ticked

Backup server, Enter the details of any additional Swivel servers which can be used for authentication.



For Two Stage Authentication Go to the auth, select the server used for one touch and add a new challenge rule. The value has to be the same as configured on Defender.thtml and radius_challenges.txt on the Swivel core.

Example Rule:

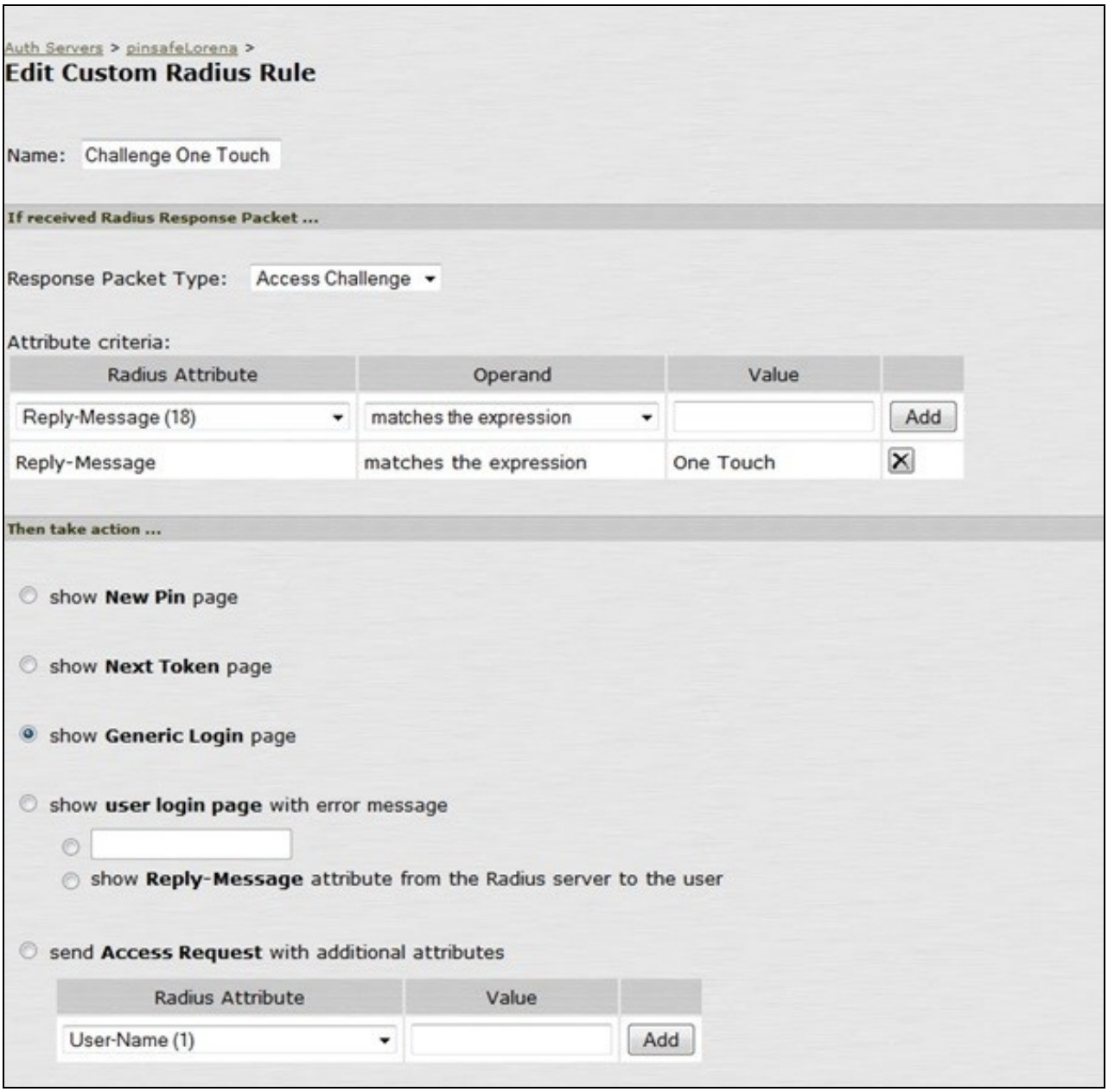
Name: Challenge One Touch

Response Packet Type: Access Challenge

RADIUS Attribute: Reply-Message

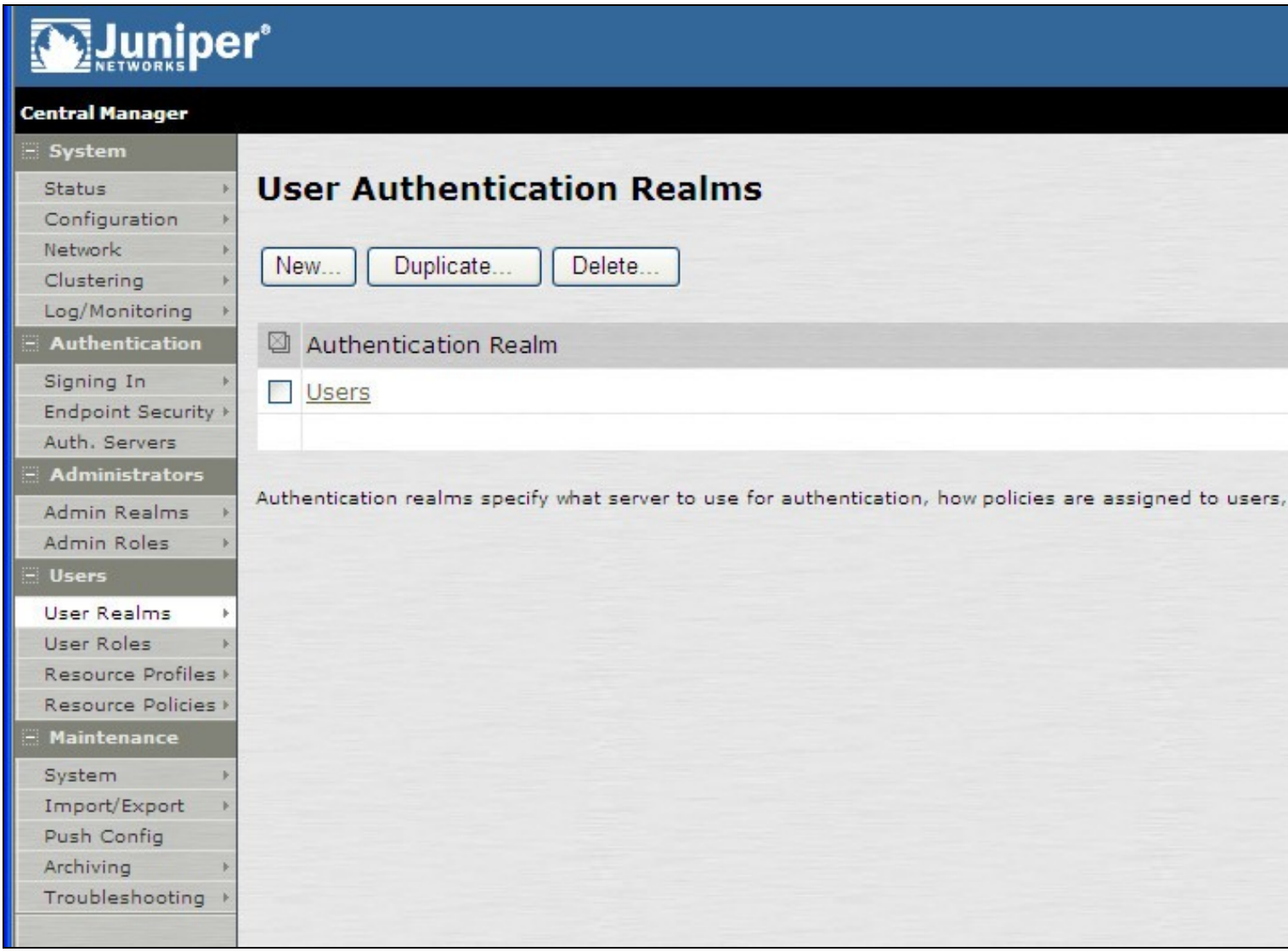
Operand: matches the expression

Value: One Touch



Authentication Realm Configuration

Authentication realms determine which method of authentication will be used. On the Juniper select User Realms, and either create a new Realm with the New button or or modify an existing realm by clicking on it.



Additional Installation Options

Verifying the Installation

Uninstalling the Swivel Integration

Troubleshooting

Known Issues and Limitations

Additional Information

For assistance in the Swivel installation and configuration please firstly contact your reseller and then email Swivel Secure support at support@swivelsecure.com.