

RSA Ready Implementation Guide for RSA | SecurID®

Spryng SMS Gateway

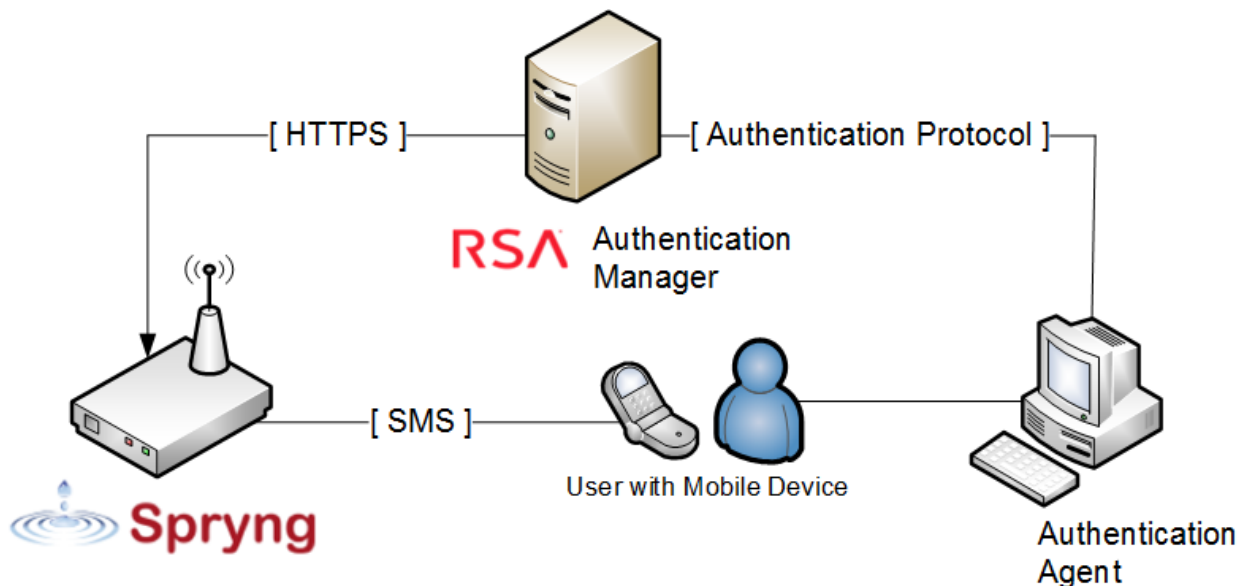
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Last Modified: April 20th, 2016

Solution Summary

RSA Authentication Manager can be configured to utilize Spryng SMS Gateway for delivery of on-demand tokencodes to be used in on-demand authentications.

When a user authenticates to an agent using his/her username and on-demand PIN, the RSA Authentication Manager sends the on-demand tokencode and mobile number to Spryng SMS Gateway using the HTTP or HTTPS protocol. Spryng SMS Gateway then delivers the on-demand tokencode to the user's mobile device via Short Message Service (SMS.) The authentication process is completed when the user enters the on-demand tokencode into the agent's prompt for next tokencode.

RSA HTTP Plug-In Supported Functions	
Spryng SMS Gateway	
Integrates with HTTP Plug-In via HTTP	No
Integrates with HTTP Plug-In via HTTPS	Yes



RSA Authentication Manager Configuration

RSA Authentication Manager can be configured to integrate a supported Short Message Service (SMS) provider using HTTP, HTTPS, or XML-over-HTTP to deliver on-demand tokencodes to a user's mobile phone.

! > Important: HTTP connections are not secure. Sensitive information, such as a tokencode, may be exposed. For secure connections, configure HTTPS.

Before configuring the HTTP Plug-In, you must locate the configuration parameters and base URL. Contact your SMS provider for this information. You must include the following elements within your provider's parameters to retrieve data from the corresponding fields.

Required HTTP Plug-In Parameters	
Elements	Description
\$cfg.user	Account User Name
\$cfg.password	Account Password
\$msg.address	User Attribute to Provide SMS Destination
\$msg.message	On-Demand Tokencode Message

The SMS HTTP Plug-In is configured in the RSA Authentication Manager's Security Console. The configuration page has three sections:

- Tokencode Delivery by SMS
- SMS Provider Configuration
- SMS HTTP Proxy Configuration (optional)

Tokencode Delivery by SMS

- Mark the **Delivery by SMS** checkbox to enable the delivery of On-Demand Tokencodes using SMS service.
- Select the **User Attribute to Provide SMS Destination** from the drop-down menu.
- (Optional) Select the **Default country code** from the drop-down menu.
- Select **HTTP** from the SMS Plug-In drop-down menu.

Tokencode Delivery by SMS

Delivery by SMS: Enable the delivery of on-demand tokencodes using SMS service

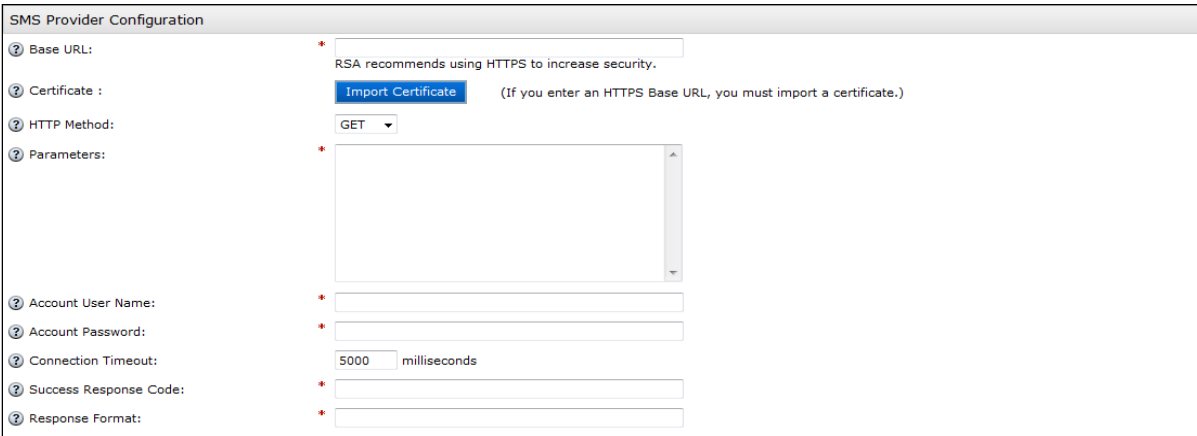
User Attribute to Provide SMS Destination: * -- Choose One --

Default country code: * -- Lookup Country Code --

SMS Plug-In: * HTTP

SMS Provider Configuration

- Copy the following line into the **Base URL** field for HTTPS.
`https://www.spryng.nl/send.php`
- Click **Import Certificate** to browse to and install an SMS certificate.
- Select **POST** from the HTTP Method drop-down menu.
- Copy the following string into the **Parameters** field.
`OPERATION=send&USERNAME=$cfg.user&PASSWORD=$cfg.password&DESTINATION=$msg.address&SENDER=Spryng&ROUTE=BUSINESS&BODY=$msg.message&ALLOWLONG=1`
- Enter **Account User Name** for the SMS Provider.
- Enter **Account Password** for the SMS Provider.
- Copy the following line into the **Success Response Code** field.
1
- Copy the following line into the **Response Format** field.
(.)

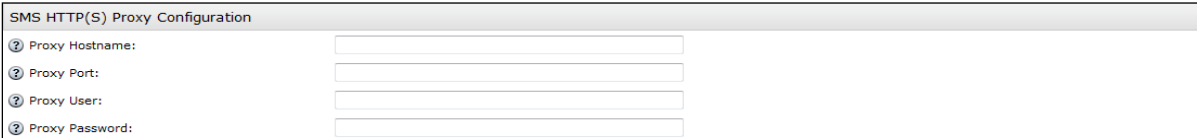


The screenshot shows the 'SMS Provider Configuration' form with the following fields and values:

- Base URL:** * RSA recommends using HTTPS to increase security.
- Certificate:** (If you enter an HTTPS Base URL, you must import a certificate.)
- HTTP Method:** GET
- Parameters:** *
- Account User Name:** *
- Account Password:** *
- Connection Timeout:** 5000 milliseconds
- Success Response Code:** *
- Response Format:** *

SMS HTTP Proxy Configuration (Optional)

Enter the configuration settings for your HTTP Proxy server if you are using one.



The screenshot shows the 'SMS HTTP(S) Proxy Configuration' form with the following fields:

- Proxy Hostname:**
- Proxy Port:**
- Proxy User:**
- Proxy Password:**

Click **Update** to save the SMS Configuration.

Certification Checklist for RSA Authentication Manager

Date Tested: April 7th, 2016

Certification Environment		
Product Name	Version Information	Operating System
RSA Authentication Manager	8.1 SP1	Virtual Appliance
RSA Authentication Agent	7.2.1	Windows 7 Enterprise
Spryng SMS Gateway	N/A	N/A

Mandatory Functionality	
SMS Message Delivered	✓
On-Demand Authentication with SMS tokencode	✓
Success Code Received by HTTP Plug-In	✓

✓ = Pass ✗ = Fail N/A = Non-Available Function