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# HPE Aruba ClearPass and SendQuick SMS Gateway Configuration Guide

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# CONFIGURING CLEARPASS TO SEND SMS (TEXT) USING SENDQUICK

## Creating or Editing an SMS Gateway

Create a new SMS gateway through ClearPass Guest:

1. Go to **Configuration > SMS Services > Gateways**. The SMS Gateways list view opens.
2. Click the **Create new SMS gateway** link in the upper right corner. The **SMS Gateway Configuration** form opens.

To edit an existing SMS gateway:

1. Go to **Configuration > SMS Services > Gateways**. The SMS Gateways list view opens.
2. Click the gateway's row in the list, and then click its **Edit** link. The **SMS Gateway Configuration** form opens.

The first part of the SMS Gateway Configuration form includes the Service Settings options:

In the **Service Settings** (as shown below), complete the form with the following details:

| Configuration Item   | Configuration Information  | Remarks                 |
|--|--|-------------------------|
| Display Name   | Name Reference   |                         |
| Service URL  | Insert sendQuick URL<br>http://sendQuickIP/cmd/system/api/sendsms.cgi?<br>username=@username@&password=@password@<br>&tar_num=@to@&tar_msg=@message@ |                         |
| Service Method   | Select GET or POST method  |                         |
| Authentication Method  | Select Substituted Parameters  |                         |
| Service Username   | Insert 'username'  | Data for reference only |
| Service Password   | Insert 'password'  | Data for reference only |
| For non-compulsary fields, they canbe ignored as sendQuick does not requires other information to send SMS |  |                         |

## Service Settings

|                          |  |  |
|--------------------------|--|--|
| Display Name:            | <input type="text"/>   | The name for this service handler. This will be displayed to operators using the system.   |
| * Service URL:           | <input type="text"/>   | The URL template to use when sending a message. Use the following items in the template:<br>@USERNAME@ - Service Username<br>@PASSWORD@ - Service Password<br>@API_ID@ - API ID<br>@FROM@ - SMS Source Address<br>@TO@ - Recipient<br>@MESSAGE@ - Message<br>@MESSAGE_ENC@ - Message that has already been URL encoded |
| * Service Method:        | <input checked="" type="radio"/> GET<br><input type="radio"/> POST   | The HTTP method used to access the gateway.  |
| * Authentication Method: | <input checked="" type="radio"/> Substituted parameters<br><input type="radio"/> HTTP Basic Authentication | How the username and password will be passed to the gateway.   |
| * Service Username:      | <input type="text"/>   | Your authorization username for the SMS service provider.<br>Note, if you are using ClearPass Guest SMS Service and have entered your ClearPass Subscription ID, the username and password fields should be left blank   |
| * Service Password:      | <input type="text"/>   | Your authorization password for the SMS service provider.  |
| Confirm Password:        | <input type="text"/>   | Your authorization password for the SMS service provider.  |
| API ID:                  | <input type="text"/>   | An optional API ID, if required by the SMS provider.   |
| SSL Certificate:         | <input type="text"/>   | Path of the uploaded SSL certificate (public/cert.pem). Must be in pem format.   |
| SSL Passphrase:          | <input type="text"/>   | Passphrase of the above certificate. Leave blank if there is no passphrase.  |
| Confirm Passphrase:      | <input type="text"/>   | Passphrase of the above certificate. Leave blank if there is no passphrase.  |
| SMS Source Address:      | <input type="text"/>   | Set the originator address of sent SMS messages.<br>This may be a phone number or short string, depending on the provider.   |
| Message Format:          | <input type="checkbox"/> Convert text to hex-encoded UTF-16  | If selected, the message will be converted to hex-encoded UTF-16.<br>Refer to your service provider's documentation if this is necessary.  |

The **Mobile Number Settings** area of the SMS Gateway Configuration form includes options for defining the mobile phone number settings:

| Mobile Number Settings |  |
|------------------------|--|
| Country Code:          | <input type="text"/><br>The default country code to use for mobile telephone numbers that start with the national prefix.  |
| Default Length:        | <input type="text"/><br>Most SMS providers require the number sent with the country code. If your country has a default length, enter it here and the country code above will be automatically added where necessary. For example, North American numbers have a default length of 10, and country code 1.   |
| Auto Plus Length:      | <input type="text"/><br>If your SMS provider requires a "+" for international numbers, enter the minimum length of international numbers. Any number entered whose length is greater than or equal to this value, will automatically have the "+" prepended. For example, North American numbers have a default length of 10, and country code 1, so the Auto Plus Length would be 11. |
| National Prefix:       | <input type="text" value="0"/><br>Optional national dialing prefix to recognize.   |

sendQuick will send SMS in the local format or international format (with + sign). For International format, encoded + is %2B.

The lower part of the **SMS Gateway Configuration** form includes the Connection Settings, Debug, and Test SMS Settings areas:

| Connection Settings  |  |
|--|--|
| * Connect Timeout:   | <input type="text" value="15"/> seconds<br>The connection timeout for the SMS service, in seconds.   |
| * HTTP Timeout:  | <input type="text" value="60"/> seconds<br>The timeout for the HTTP transfer to complete, in seconds.  |
| Debug  |  |
| Enable Debug:  | <input type="checkbox"/> Log detailed information to the application log<br>If selected, debug messages will be generated for each stage of the HTTP transaction for the service provider. |
| Test SMS Settings  |  |
| Send a test SMS message.   |  |
| * Message:   | <input type="text"/><br>160 characters left<br>Enter the message to send (maximum 160 characters).   |
| * Recipient:   | <input type="text"/><br>Enter the mobile telephone number of the recipient in international format.  |
| <input type="button" value="Send Test Message"/> <input type="button" value="Save and Close"/> |  |

The above information is found at Aruba ClearPass website.

[http://www.arubanetworks.com/techdocs/ClearPass/CPGuest\\_UG\\_HTML\\_6.5/Content/AdministrationTasks1/CreatingNewSMSGateway.htm](http://www.arubanetworks.com/techdocs/ClearPass/CPGuest_UG_HTML_6.5/Content/AdministrationTasks1/CreatingNewSMSGateway.htm)