

Setting up SysMan with Cisco Identity Services Engine

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Using SysMan SMS Server with Cisco ISE is easy to set up, and eliminates the need for an internet SMS Gateway provider.

Before following this guide, you should install Cisco ISE and SysManSMS Server. A default SysManSMS Server installation with the HTTPServer option enabled will be sufficient. Please follow the SysMan Setup Guide to set up SysMan.

Go to Administration -> System -> Settings -> SMS Gateway

Create a new SMS Gateway Provider named "Sysman":

<input type="checkbox"/>	SMS Gateway Provider Name	SMS Gateway Provider FQDN	SMS Gateway Provider URL
<input type="checkbox"/>	ATT	mms.att.net	
<input type="checkbox"/>	ClickatellViaSMTP		http://api.clickatell.com/http/sendmsg?user=[USERNAME]&password=[PASSWORD]&api_id
<input type="checkbox"/>	Global Default		http://mm.inmobile.dk/Api/V2/Get/SendMessages?apiKey=[API_ID]&sendername=[COMPAN
<input type="checkbox"/>	Inmobile		http://mm.inmobile.dk/Api/V2/Get/SendMessages?apiKey=[API_ID]&sendername=[COMPAN
<input type="checkbox"/>	Orange	orange.net	
<input type="checkbox"/>	Sprint	messaging.sprintpcs.com	
<input type="checkbox"/>	Sysman		http://10.1.1.10:8080/sms?recipients=+47\$mobilenumber\$&message=\$message\$
<input type="checkbox"/>	T-Mobile	tmomail.net	
<input type="checkbox"/>	TheRingRingCompany		http://publicgateway.ringring.be/MT/MTServiceStd.asmx/sendMT?xml=
<input type="checkbox"/>	Verizon	vzwpx.com	
<input type="checkbox"/>	sysman_smtp		

Select Provider Interface type to be "SMS HTTP API", and configure as follows:

URL:

http://10.1.1.10:8080/sms?recipients=\$mobilenumber\$&message=

Data:

\$message\$

Replace IP and port with the corresponding IP and Port for your SysMan installation. If you are using only national numbers without countrycode, you may add a countrycode prefix before the mobilenumber parameter:

http://10.1.1.10:8080/sms?recipients=+47\$mobilenumber\$&message=

See screenshot below for a fully configured SMS Gateway Provider with SysMan.

Select Provider Interface Type:

SMS Email Gateway

SMS HTTP API

URL: *

Data (Url encoded portion):

Use HTTP POST method for data portion

HTTP POST data content type:

HTTPS Username:

HTTPS Password:

Note

There is a known issue (CSCvd43602) with Cisco ISE 2.2 that requires the Data-field to not be empty, otherwise SMS sending will fail. For installations prior to 2.2 you can configure everything in the URL field, and leave the Data field empty:

URL: