



To connect to Avesis, Premier Access or Access Dental plan for real time eligibility verification please contact [avesisbusinessservices@avesis.com](mailto:avesisbusinessservices@avesis.com).

The Avesis companion guide for 270/271 transactions can be found on the Avesis home page at the bottom of the screen in the Clearing House Realtime Eligibility folder.

We will provide you with a username and an email link to create your own password. Once the connection has been completed, please follow the Axiom instructions below on how to use TransShuttle to transfer and receive files.

Thank you,  
Avesis New Business Services Team



## **TransShuttle Trading Partner Connectivity Guide**

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### Revision History

<b>Date</b>	<b>Version</b>	<b>Description</b>	<b>Author</b>
04/26/2020	1.0	TransShuttle Trading Partner Connectivity Guide	JB
06/08/2020	2.0	Changed to WS-Security on step 6	JD
	2.1	Replaced Acme with URLs	JD
1/16/2024	2.2	Replace Avesis into URLs	NI
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9/29/2025	3.2	Updated CAQH CORE Connection URL	NI
7/2/2026	4.0	Include Details on CAQH CORE II MIME Support	NI

## Overview

TransShuttle is a secure, Internet-based system for trading partners that allows for real-time and batch submissions of 270 transactions.

Real-time and batch operations may be performed using CAQH CORE II standard protocols.

## Access Credentials

Username: `userId@organizationId`

Password: credentials to be supplied out-of-band

UAT URL: <https://avesis-uat.transshuttle.axiom-systems.com/shuttle/login>

Production URL: <https://avesis-prod.transshuttle.axiom-systems.com/shuttle/login>

## Connectivity

The TransShuttle server is hosted on the Internet at the Public URLs documented above.

Real-time and batch operations are supported via CORE II SOAP protocols.

### CAQH CORE API

Real-time and batch operations are supported via CORE II SOAP protocols. The WSDL locations for the CAQH CORE web services are below:

- UAT CORE II: <https://avesis-uat.transshuttle.axiom-systems.com/api/soap/CAQH/Core2/Transaction?wsdl>
- Production CORE II: <https://avesis-prod.transshuttle.axiom-systems.com/api/soap/CAQH/Core2/Transaction?wsdl>

If you are not familiar with CAQH CORE please visit their web site at <https://www.caqh.org/core/> for more information. This documents the methods and payload type behaviors for the CAQH CORE implementation currently supported by the TransShuttle server.

## API Testing with SoapUI

You can test any of the system's web services using the popular SoapUI desktop application. Download SoapUI from <https://www.soapui.org/>.

The example below shows how to test the CAQH CORE II web service, which is what trading partners might use to submit 270 inquiries and receive a 271 response. This document covers invoking the real-time web service method. TransShuttle always connects to a back-end gateway, so this is a good test point to exercise TransShuttle's connectivity full circle to back-end systems.

To get started:

1. Install and launch the SoapUI application.
2. Click the SOAP button on the toolbar to create a SOAP project.
3. Enter a name for the project, such as TransShuttle UAT, and the following URL for the WSDL location. *Note that this is the URL for the UAT environment.*  
<https://avesis-uat.transshuttle.axiom-systems.com/api/soap/CAQH/Core2/Transaction?wsdl>
4. In SoapUI's left-side project pane, expand your new project and expand the CoreSoapBinding item that will be shown immediately thereunder. Finally, expand the RealTimeTransaction web service method.
5. Right-click on the RealTimeTransaction method and choose 'New request' from the popup menu. Choose a name for this request and press Enter. A request/response window will open to the right. Alternatively, you may just double-click on the 'Request 1' sample that SoapUI creates automatically.
6. The CORE II web service uses WS-Security authentication. The WS-Security Username and Password token needs to be added to the SOAP Header by SoapUI. The Username and Password that you were assigned must be entered in the Security Configurations settings of the SoapUI application. Add Nounce and Add Created can be unchecked with WSS-Password Type

Encryption Signature Username

Username

Password

Add Nonce  Adds a nonce

Add Created  Adds a created

Password Type 

- PasswordText
- PasswordDigest
- PasswordDigest Ext

The password type to generate

set to PasswordText.

Projects

Property	Value
Name	Local 270
Description	
Message Size	1302
Encoding	UTF-8
Endpoint	http://localhost:8080/api/soap/C...
Timeout	
Bind Address	
Follow Redirects	true
Username	angie@axiom
Password	*****
Domain	
Authentication Type	No Authorization
WSS-Password Type	PasswordText
WSS TimeToLive	
SSL Keystore	
Skip SOAP Action	false
Enable MTOM	false
Force MTOM	false
Inline Response Attachments	false
Expand MTOM Attachments	false
Disable multipart	true
Encode Attachments	false
Enable Inline Files	false
Strip whitespaces	false
Remove Empty Content	false
Entitize Properties	false
Pretty Print	true
Dump File	
Max Size	0
WS-Addressing	false
WS-Reliable Messaging	false

- Look now to the request/response window, and on the left-hand (request) pane. A request template will exist there and will have question mark (“?”) placeholders in the element values of the template. Replace the “?” marks with necessary values for a CORE II request. The screenshot below shows values that correspond to a 270-eligibility inquiry.

```
<?xml version="1.0" encoding="UTF-8" ?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:cor="ht
<soap:Header/>
<soap:Body>
  <cor:COREEnvelopeRealTimeRequest>
    <PayloadType>X12_270_Request_005010X279A1</PayloadType>
    <ProcessingMode>RealTime</ProcessingMode>
    <PayloadID>f90bdf24-a3ba-11e7-bfd9-00266cf4248c</PayloadID>
    <TimeStamp>2018-04-30T12:36:00Z</TimeStamp>
    <SenderID>3333</SenderID>
    <ReceiverID>3333</ReceiverID>
    <CORERuleVersion>2.2.0</CORERuleVersion>
    <Payload>SVNBKJAwKiAgICAgICAgHDaQICAgICAgICAgICpaWipTU0kgICAgICAgICAg
  </cor:COREEnvelopeRealTimeRequest>
</soap:Body>
</soap:Envelope>

<?xml version="1.0" encoding="UTF-8" ?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Body>
    <ns2:COREEnvelopeRealTimeResponse xmlns:ns2="http://www.caqh.org/SOAP/WSDL/C
      <PayloadType>X12_999_Response_005010X231A1</PayloadType>
      <ProcessingMode>RealTime</ProcessingMode>
      <PayloadID>f90bdf24-a3ba-11e7-bfd9-00266cf4248c</PayloadID>
      <TimeStamp>2019-03-12T09:08:10.670-07:00</TimeStamp>
      <SenderID>3333</SenderID>
      <ReceiverID>3333</ReceiverID>
      <CORERuleVersion>2.2.0</CORERuleVersion>
      <Payload>SVNBKJAwKiAgICAgICAgHDaQICAgICAgICAgICpaWio50Tk50SagICAgICAg
      <ErrorCode>Success</ErrorCode>
      <ErrorMessage/>
    </ns2:COREEnvelopeRealTimeResponse>
  </soap:Body>
</soap:Envelope>
```

The possible values and formatting of the request and response element values are documented in the CAQH CORE specifications at <https://www.caqh.org/hubfs/43908627/drupal/core/phase-ii/policy-rules/PIIv5010Complete.pdf>

Some notes on these values follow.

- PayloadType – always use X12\_270\_Request\_005010X279A1 when submitting a 270-eligibility inquiry.
- ProcessingMode – Always use the value RealTime. Case is significant.
- PayloadID – Should be a UUID of your choosing. The TransShuttle system does not care if you reuse the same PayloadID.
- TimeStamp – The current date and time should be supplied, in the format that CAQH CORE requires.
- SenderID and ReceiverID vary depending on the system and configuration. These should be supplied separately from this document. TransShuttle does not care what values are present here and will always use the value from the 270 Information Source Loop to do its processing.
- CORERuleVersion – Always use value 2.2.0 for CORE II.
- Payload – Your EDI stream goes here. The EDI stream may be raw so long as it does not use characters that cause invalid XML. The EDI stream may also be base64-encoded. Depending on which form you send, the response will use the same form.

8. When ready to execute your request simply click the green arrow in the top left of the request/response window. The request will be sent to the TransShuttle server and the response that is returned will show in the right-hand pane.

## MIME API Testing using Postman

You can test the TransShuttle MIME web service using the popular Postman application. Download Postman from <https://www.postman.com/>

The example below shows how to test the CAQH CORE II web service using a MIME submission. This section covers invoking the real-time MIME submission method.

To get started:

1. Install and launch the Postman application.
2. Sign in to Postman and create a workspace.
3. Select the option to create a new request within Postman.
4. Enter a name for the request, such as TransShuttle UAT MIME Submission, and then enter the following URL value into the Request where it says “Enter URL or paste text”.

<https://avesis-uat.transshuttle.axiom-systems.com/api/mime/CAQH/Core2/submit/realtime>

5. Select the submission type and validate that the request is set to POST. Most requests are set to GET by default.
6. In the request menu, select the “Body” tab, and set the request body type to form-data. This allows you to enter the required request fields.

https://avesis-uat.transshuttle.axiom-systems.com/api/mime/CAQH/Core2/submit/realtime

POST https://avesis-uat.transshuttle.axiom-systems.com/api/mime/CAQH/Core2/submit/realtime

Docs Params Authorization Headers 7 **Body** Scripts Settings

none
  form-data
  x-www-form-urlencoded
  raw
  binary
  GraphQL

Key	Value	Description	Bulk Edit	...
Key	Text <input type="text"/>	Value	Description	

7. After selecting form-data, populate the request body with the following required fields:

Field	Data Type	Required
PayloadType	Text	Yes
PayloadID	Text	Yes
TimeStamp	Text	Yes
UserName	Text	Yes
Password	Text	Yes
SenderID	Text	Yes
ReceiverID	Text	Yes
CORERuleVersion	Text	Yes
Payload	File	Yes

The completed MIME request should look like this once all the fields have been added.

The screenshot shows a REST client interface for a POST request to `https://avesis-uat.transshuttle.axiom-systems.com/api/mime/CAQH/Core2/submit/realtime`. The request body is form-data with the following fields:

Key	Value	Description
PayloadType	X12_270_Request_005010X279A1	
ProcessingMode	RealTime	
PayloadID	12a34567-1ab2-12a1-a12b-123456abc123	
TimeStamp	2026-07-01T18:38:39Z	
UserName	REMOVED	
Password	REMOVED	
SenderID	avesis-270	
ReceiverID	transsend-270	
CORERuleVersion	2.2.0	
Payload	mimex12.edi	

The response is 200 OK, 3.80 s, 2.14 KB. The raw response is shown below:

```
1 -----_Part_6_1056418402.1782937661498
2 Content-Disposition: form-data; name="PayloadType"
3
4 X12_271_Response_005010X279A1
5 ----- Part 6 1056418402 1782937661498
```

Some notes on these values follow.

- PayloadType – always use X12\_270\_Request\_005010X279A1 when submitting a 270-eligibility inquiry.
- ProcessingMode – Always use the value RealTime. Case is significant.
- PayloadID – Should be a UUID of your choosing. The TransShuttle system does not care if you reuse the same PayloadID.
- TimeStamp – The current date and time should be supplied, in the format that CAQH CORE requires.
- UserName – Your TransShuttle username.
- Password – Your TransShuttle password.

- SenderID and ReceiverID vary depending on the system and configuration. These should be supplied separately from this document. TransShuttle does not care what values are present here and will always use the value from the 270 Information Source Loop to do its processing.
  - CORERuleVersion – Always use value 2.2.0 for CORE II.
  - Payload – Select the EDI file to submit. The file contains the X12 transaction that will be sent to the TransShuttle MIME Endpoint.
8. Once the fields have been added, you are ready to Submit your CAQH CORE II 270 Request using the MIME API. Please select “Send”. The response can be viewed in the “Body” tab of the response window at the bottom of the screen.

## MIME API Testing using the WebUI Form Submission

1.) Alternatively, a user may use the Web application to complete a MIME request by navigating to the following URL:

<https://avesis-uat.transshuttle.axiom-systems.com/api/mime/CAQH/Core2/form/realtime>

2.) After navigating to the following URL, you will be met with the WebUI MIME Submission form where you will be allowed to enter your 270-request information.

Payload Type  ▼

User Name

Password

Sender Identifier

Receiver Identifier

Payload  mimex12.edi

3.) This submission form requires the following fields listed below to be entered. After these fields have been entered, the user is ready to submit their 270 requests.

Field		Data Type	Required
PayloadType		Text	Yes
UserName		Text	Yes

Password		Text	Yes
Sender Identifier		Text	Yes
Receiver Identifier		Text	Yes
Payload		File	Yes

- 4.) The response will be generated and download immediately from your browser to your machine. Please select the generated file to view the 271 responses.