



Niagara 4.12 Feature Preview – HTTP Client Driver

June 23, 2022

Q&A

1. Just to confirm, Niagara now has capability for easy connection to AWS?

"Easy connection to AWS" is a little broad, but 4.9 introduced the MQTT AWS Authenticator enabling our MQTT driver to authenticate to AWS to publish or subscribe to/from a broker.

2. Where (if at all) does MQTT fit into "Web Services" that was defined in the presentation?

There is a fair amount of overlap given the use of MQTT doesn't necessarily mean an application is a "Web Service".

For example, MQTT is well suited, and often used, by IoT devices like sensors to send data to either a supervisor, controller or cloud.

However, MQTT could be used as a transport for a web-based service, or app, doing something like chat; reporting traffic congestion or similar.

3. Can you use the wiresheet on the device level IE ciper 50 or edge controller?

Web Wiresheet can be used on any instance that is running Niagara 4.11 or higher.

4. Will the HTTP Client Driver stop working if a SMA expires?

Any feature, service, component (note: not station) that requires an active SMA will fail to start upon restart after expiry.

5. Since a lot of RestAPI clients return JSON data, if we purchase the DR-HTTP or DR-S-HTTP, will the JSON toolkit license be applied? Or is it still a required separate license? It would be nice to have them bundled.

Answered live: This sounds like a good idea - we'll investigate the logistics of having a bundle of DR-JSON & DR-HTTP or DR-S-JSON & DR_S-HTTP available when 4.12 is released

6. Does "Web Services" mean two (or more) "systems" talking to each other? As opposed to MQTT, where its often a device(s) sending data out to an external "system"??

Typically, a service using HTTP. There are probably outliers where it becomes a question of semantics.



7. [Have you had to do any faffing with x-frames properties to make this work?](#)

Everything being local makes this a little easier for the demo, but you bring up an excellent point. Depending on your configuration you might need to consider your content security policy choices. Here's the help ord for more information: [module://docUser/doc/web-CspHeaderProvider.html](#)

8. [When will Niagara 4.12 be available for end users?](#)

Targeting an August release to OEM and distributors. Please reach out to your vendor for brand specific release dates.

9. [Does the Web Wiresheet work when programming an edge 10 controller?](#)

Web wiresheet is available on the Edge 10. We have not implemented support for the ACE wiresheet yet, but it is on the roadmap.

10. [I have created module in Niagara and send json data in body request to cloud API through java code but it gives "Invalid Input Message on Console?"](#)

Please contact your support channel for assistance with this issue.