Email from Brian Valentine June 2022

We met internally to discuss the possibility of using a different solution for IBM Z HMC MFA. Here is the response, and you can create a RFE out of it if that is what Morgan Stanley wants to do.

First, as a reminder our IBM Z HMC offers two approaches to MFA.

totally self-contained solution within the HMC for TOTP (Time Based One Time Password)

MFA Factor validation interfacing to the IBM Z MFA component which runs on z/OS, z/VM, and z/Linux, and provides support for RSA SecurID, Certificates (PIV (Personal Identity Verification) & CAC (Common Access Card)), and Generic RADIUS (supporting all various RADIUS factor types).

Our recommendation to Morgan Stanley would be to use one of the existing solutions, and the IBM Z MFA component running in the Z operating systems is our strategic direction. If Morgan Stanley wants our IBM Z HMC to interface to the Broadcom (formerly CA) MFA component, there are two possible solutions for that in regards to enhancements.

Broadcom could implement to our WebServices APIs interface that we use for external MFA componentry validation.

The base API interfaces can be viewed at the following url: https://www.ibm.com/docs/en/zma/2.2.0?topic=customization-mfa-web-api-requestresponse-formats .

Note that we would be updating that with unique Server Product String or MFA Factor type values, but it provides the gist of the interface.

If Broadcom provided a WebServices API interface that would be small incremental enhancement to our IBM Z HMC, we could consider such an enhancement.

Again, our strategic direction for enhancements are with the IBM Z MFA component running in the Z operating systems, and that is where we want to increase any MFA functionality if required.

If you have any questions, please let us know. Otherwise, please pass this information onto Morgan Stanley.