Gotcha: Convert z/OS HFS files to zFS

- CICS TS V3.2 default install uses zFS instead of HFS, for z/OS Unix files. We started with HFS, and decided to convert to zFS.
- IBM supplies "very nice" exec BPXWH2Z to do the conversion. (Thanks, IBM!)
- BPXWH2Z returns error messages for long HFS dataset names, such as 'OMVS.CICSTS.USR.LPP.CICSTS.CICSTS32'.
  - /usr/lpp/cicsts/cicsts32 is our R/O "production" path.
  - /CICSTS/usr/lpp/cicsts/cicsts32 is our R/W SMP/E "test" path.
  - /local/cics/cicsts32 is our R/W "production" path.
- IBM would like to close our ETR/PMR with "MR" - Marketing Request. We'd like to see the BPXWH2Z exec updated to better handle long dataset names.
Gotcha: IPCONN and LINKAUTH(SECUSER)

- CICS TS V3.2 adds support for IPCONN definitions for DPL
- LINKAUTH can be SECUSER or CERTUSER
- If using SECUSER, "Specifies that the user ID specified in SECURITYNAME is used to establish link security."
- "If you do not specify a value for SECURITYNAME, CICS uses the default user ID."
- Your sites CICS default userid may be insufficient to successfully acquire the connection(s)
- Review the IPCONN attributes in the CICS Information Center, and the appropriate security considerations at your site
Gotcha: CICS Web Service Requester and https - TCPIPSERVICE required?

- New/reused CICS application(s) with EXEC CICS INVOKE WEBSERVICE with URI(https://...)

- No CICS Web Support or other TCPIPSERVICE definition requirements in CICS - the above INVOKE fails w/o a "dummy" TCPIPSERVICE definition with SSL specified

- Activating SSL for a TCPIPSERVICE:

  "To activate SSL support for a given connection, you must set the value of the SSL attribute on the connection’s TCPIPSERVICE definition to one of the following:

  YES - If you set the value to YES, CICS will send a server certificate to the client.

  CLIENTAUTH - If you set the value to CLIENTAUTH, CICS will send a server certificate to the client and the client must send a client certificate to CICS."
Gotcha: CICS Web Service Requester and https - TCPIPSERVICE required?

• CICS needs the SSL infrastructure built in the region to successfully send https requests - a TCPIPSERVICE definition with SSL (or CLIENTAUTH) is needed, based upon our experience