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CS z/OS Application Enhancements: Sendmail

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Sendmail and System SSL cipher suites

➤ Sendmail

- AES encryption support

➤ System SSL uses a 2-digit number to identify the various cipher suites it supports.

- Sendmail configuration is based on those 2-digit numbers

➤ Advanced Encryption Standard support being added Sendmail in z/OS V1R7

- Mostly a question of adding new keywords to the configuration files.

Sendmail AES support

➤ Sendmail support for AES encryption:

✓ New AES cipher suites added to the CipherLevel parameter in the z/OS specific Sendmail configuration file:

- For 128 bit keys, specify: cipherlevel 2F
- For 256 bit keys, specify: cipherlevel 35

➤ No new diagnostics

➤ No migration concerns

➤ Default CipherLevel for Sendmail depends on the level of encryption support that is installed on the system (these are the system SSL defaults):

- ✓ Domestic encryption: 050435363738392F303132330A1613100D0915120F0C0306020100
- ✓ Otherwise: 0915120F0C0306020100

➤ Note: the Sendmail configuration file uses the 2-digit cipher suite codes that are assigned by system SSL



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