White Paper

System Setup for the OS400 Java Translator for
IBM Sterling Gentran Server for iSeries V3.6

Date revised: May 2016

TABLE OF CONTENTS

Purpose – How to setup your OS400 to use the Java Translator Option (XML). This whitepaper is an addendum to the Java Translator Option 5.2 whitepaper.

1. System Setup
    a. WRKRDBDIRE command needs to be executed. The host name of the box MUST be the
        *LOCAL entry on this screen. If it is not, then the current entry must be deleted and the new
        one added. Many times IBM will set up a system with the serial number as the host name
        and will need to be changed.
    b. GO CFGTCP   option 1 (Work with TCP/IP interfaces) on this screen, the IP address that is
        used must be present on this screen.
    c. GO CFGTCP   option 10 (Work with TCP/IP host table entries)   This screen requires several
        entries:

        ```
            Internet                        Host
        Opt  Address                         Name

            ::1                             IPV6-LOOPBACK
                                            IPV6-LOCALHOST
            9.55.108.136                    HOHO
            9.55.109.70                     ZOOT
            127.0.0.1                       LOOPBACK
                                            LOCALHOST
        ```

        The highlighted entries must be present. Also the host name must be present and have the ip
        address of the box listed. It the host name is not present, and then the entry needs to be
        added.
    d. GO CFGTCP   option 12 (Change TCP/IP domain information)   this screen must have the
        host name listed at the top and then the next parameter must have the remainder of the fully

Setting up your system to use the XML Translator

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    d. GO CFGTCP   option 12 (Change TCP/IP domain information)   This screen must have the host name listed at the top and then the next parameter must have the remainder of the fully qualified path name for the box.

    ```
    Host name  . . . . . . . . . . .     'HOHO'

     Domain name  . . . . . . . . . .    'IRV.USTX.IBM.COM'



     Domain search list . . . . . . .    'dub.usoh.ibm.com
    irv.ustx.ibm.com'



     Host name search priority  . . .    *LOCAL        *REMOTE, *LOCAL,
    *SAME
    ```

    The domain search list must be filled out as well.

2. The subsystem used must be configured to have a job queue allowing at least 10 jobs to run at once. It cannot be a single threaded job queue of the translator will not be able to start.
3. User Profile that runs the java translator.
    a. The user profile must have the /home/*userprofile*/.profile file defined as stated in the java translator documentation. /home/*userprofile* must be listed as the home directory on the user profile (WRKUSRPRF)
    b. The user profile must have a defined CCSID. It cannot be 65535. In most cases it will be 37, but if running in a non-English speaking country, it must be set to that country code. The default for this parameter on the user profile

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    b. The user profile must have a defined CCSID. It cannot be 65535. In most cases it will be 37, but if running in a non-English speaking country, it must be set to that country code. The default for this parameter on the user profile is *SYSVAL. To determine the *SYSVAL, key in DSPSYSVAL QCCSID. If this is set to 65535, then the value needs to be set on the user profile. If the system value is set to the country code, then either*SYSVAL or 37 can be entered on the user profile CHGUSRPRF USRPRF(*userprofile*) CCSID(37)