

## Running into java.lang.OutOfMemoryError: Unable to create new native thread

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| <b>Problem Summary</b>    | One of the reasons for this OutOfMemoryError issue is Memory Management registry entries are not proper.   |
| <b>Error Message</b>      | Following string can be searched in MIVR logs.<br>java.lang.OutOfMemoryError: Unable to create new native thread   |
| <b>Possible Cause</b>     | Memory Management registry entries are different for different hardware. If these are not set properly during OS installation then it can result in Engine Out Of Memory.  |
| <b>Recommended Action</b> | <p>Please cross check following registry entries depending on the hardware type. If below mentioned registry entries are not there then create it with mentioned value.</p> <p>For x3650-2CPU</p> <p>hk\machine\system\currentcontrolset\control\session manager\memory management/systempages</p> <p>REG_DWORD 0xffffffff</p> <p>hk\machine\system\currentcontrolset\control\session manager\memory management/PoolUsageMaximum</p> <p>REG_DWORD 60</p> <p>hk\machine\system\currentcontrolset\control\session manager\memory management/PagedPoolSize</p> <p>REG_DWORD 0xffffffff</p> <p>For all other 7845 series server</p> <p>hk\machine\system\currentcontrolset\control\session manager\memory management/systempages</p> <p>REG_DWORD 0x000c3000</p> <p>hk\machine\system\currentcontrolset\control\session manager\memory management/PoolUsageMaximum</p> <p>REG_DWORD 60</p> |

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|                           | <p>hk\m\system\currentcontrolset\control\session manager\memory management/PagedPoolSize</p> <p>REG_DWORD 0xffffffff</p> <p>After modifying or adding these registry entries, reboot the server. Please refer following defects for this issue</p> |
| <b>Release</b>            | Release 7.0(1)   |
| <b>Associated CDETS #</b> | CSCsh65294<br>CSCtd90916 CSCsq56170 CSCsj06279   |