On Grid System, creating very large number of NvIFR sessions (across multiple adapters) results in the exceeding the Windows OS limit for “DXG kernel memory limit for allocation list & patch location list size”. This, in turn, results in failure of any new node context creation.

This attached registry key updates the system wide memory  limit  for allocation list & patch location list size to 96 MB (from default of 16 MB), and allows a larger number of simultaneous sessions to be created.