DataStage jobs with transformer stage fail to compile on AIX due to many missing include files

Symptoms

When compiling a DataStage job containing transformer stage on AIX, the compile fails with the following errors:

- ##W IIS-DSEE-TBLD-00000 17:52:00(010) <main_program> Error when checking composite operator: Output from subprocess: "/opt/IBM/InformationServer/Server/PXEngine/include/apt_components/transformop/transformbasehdrs.h", line 41.10: 1540-0836 (S) The #include file <map> is not found.
- "/opt/IBM/InformationServer/Server/PXEngine/include/apt_framework/operator.h", line 70.10: 1540-0836 (S) The #include file <vector> is not found.
- "/opt/IBM/InformationServer/Server/PXEngine/include/apt_util/custreport.h", line 36.10: 1540-0836 (S) The #include file <string> is not found.a
- "/opt/IBM/InformationServer/Server/PXEngine/include/apt_util/iostream_s.h", line 23.10: 1540-0836 (S) The #include file <iostream.h> is not found.

Diagnosing the problem

The following errors indicate that required include files which are normally part of the vacpp.cmp.include fileset were not installed:

- The #include file <map> is not found.
- The #include file <vector> is not found.
- The #include file <string> is not found.
- The #include file <iostream.h> is not found.

Resolving the problem

If you are using the vacpp or XL C compiler on AIX, issue the following command to confirm if the required fileset was installed: `lslpp -f vacpp.cmp.include` If you receive the `lslpp: 0504-132 Fileset vacpp.cmp.include not installed` message, the AIX administrator must install the missing fileset.

If the fileset is already installed, then the above command should give the location of the include files, usually /usr/vacpp/include/. Confirm that the missing include files which were listed in the compile errors do exist in that directory and have public read permission set.