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PandaErrorCodes

Introduction

This page describes the error codes and diagnostics of the Panda jobs.

transExitCode [↗](#)

transExitCode	diagnostics
1	Athena release is not installed in the CE, or trf failed due to "Unknown Problem" (see checklog.txt)
2	Athena core dump
6	TRF_SEGVIO - Segmentation violation
10	ATH_FAILURE - Athena non-zero exit
26	TRF_ATHENACRASH - Athena crash
30	TRF_PYT - transformation python error
31	TRF_ARG - transformation argument error
32	TRF_DEF - transformation definition error
33	TRF_ENV - transformation environment error
34	TRF_EXC - transformation exception
40	Athena crash - consult log file
41	TRF_OUTFILE - output file error
42	TRF_CONFIG - transform config file error
50	Athena crash-consult log file (can be "VKalVrtPrim ERROR Primary vertex not found")
51	TRF_DBREL_TARFILE - Problems with the DBRelease tarfile
60	TRF_GBB_TIME - GriBB - output limit exceeded (time, memory, CPU)
79	Copying input file failed (Can't open source file : Invalid file name)
80	file in trf definition not found, using the expandable syntax
81	file in trf definition not found, using the expandable syntax -- pileup case
85	analysis output merge crash - consult log file
98	Oracle error - session limit reached
99	Unknown transform error (69999, TRF_UNKNOWN) -- consult log file
102	One of the output files did not get produced by the job
104	Copying the output file from the worker node to the local SE failed (md5sum mismatch, or size mismatch, or LFNnonunique)
126	trf is not executable - consult log file
127	trf is not installed in the CE
134	Athena core dump, or Athena time out, or ConditionsDB exception caught: MySQL error (database load problem), or Error ORA-03114: not connected to ORACLE
141	No input file is available - input dataset is broken or doesn't exist at WN's site
200	no Athena log file produced
220	Proot: An exception occurred in the user analysis code
221	Proot: Framework decided to abort the job due to an internal problem
222	Proot: Job completed without reading all input files
223	Proot: Input files cannot be opened
2100	MyProxyError: server name not specified (not really trf error)
2101	MyProxyError: voms attributes not specified (not really trf error)
2102	MyProxyError: user DN not specified (not really trf error)
2103	MyProxyError: pilot owner DN not specified (not really trf error)
2104	MyProxyError: invalid path for the delegated proxy (not really trf error)
2105	MyProxyError: invalid pilot proxy path (not really trf error)
2106	MyProxyError: no path to delegated proxy specified (not really trf error)
2200	MyProxyError: myproxy-init not available in PATH (not really trf error)
2201	MyProxyError: myproxy-logon not available in PATH (not really trf error)
2202	MyProxyError: myproxy-init version not valid (not really trf error)
2203	MyProxyError: myproxy-logon version not valid (not really trf error)

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2300	MyProxyError: proxy delegation failed (not really trf error)
2301	MyProxyError: proxy retrieval failed (not really trf error)
2999	Unknown transExitCode error code (most likely a pilot script error, consult batch log)

pilotError Code

Recoverable error codes: 1101, 1114, 1122, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1140, 1141, 1142, 1152, 1154, 1155, 1157, 1181, 1185 (shown in green below, recovery of stranded jobs/output files, done by a later pilot on sites with schedconfig.retry = true)

Resubmission error codes: 1008, 1098, 1099, 1110, 1113, 1114, 1115, 1116, 1117, 1137, 1139, 1151, 1152, 1171, 1172, 1177, 1179, 1180, 1181, 1182, 1188, 1189 (pilot will instruct the server to retry the job)

pilotErrorCode	diagnostics
1008	General pilot error, consult batch log
1097	Get function can't be called for staging input file
1098	No space left on local disk
1099	Get error: Staging input file failed
1100	Get error: Replica not found
1101	LRC registration error: Connection refused
1103	Get error: No such file or directory
1104	User work directory too large
1105	Put error: Failed to add file size and checksum to LFC
1106	Payload stdout file too big
1107	Get error: Missing DBRelease file
1108	Put error: LCG registration failed
1109	Required CMTCONFIG incompatible with WN
1110	Failed during setup
1111	Exception caught by runJob
1112	Exception caught by pilot
1113	Get error: Failed to import LFC python module
1114	Put error: Failed to import LFC python module
1115	NFS SQLite locking problems
1116	Pilot could not download queuedata
1117	Pilot found non-valid queuedata
1118	Pilot could not curl space report
1119	Pilot aborted due to DDM space shortage
1122	Bad replica entry returned by lfc_getreplicas(): SFN not set in LFC for this guid
1123	Missing guid in output file list
1124	Output file too large
1130	Get error: Failed to get POOL file catalog
1131	Put function can not be called for staging out
1132	LRC registration error (consult log file)
1133	Put error: Fetching default storage URL failed
1134	Put error: Error in mkdir on localSE, not allowed or no available space
1135	Could not get file size in job workdir
1136	Error running md5sum on the file in job workdir
1137	Put error: Error in copying the file from job workdir to localSE
1138	Put error: could not get the file size on localSE
1139	Put error: Problem with copying from job workdir to local SE: size mismatch
1140	Put error: Error running md5sum on the file on localSE
1141	Put error: Problem with copying from job workdir to local SE: md5sum mismatch
1143	Failed to chmod trf
1144	This job was killed by panda server

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1145	Get error: md5sum mismatch on input file
1146	Trf installation dir does not exist and could not be installed
1148	Put error: Failed to remove readOnly file in dCache
1149	wget command failed to download trf
1150	Looping job killed by pilot
1151	Get error: Input file staging timed out
1152	Put error: File copy timed out
1153	Lost job was not finished
1154	Failed to register log file
1155	Failed to move output files for lost job
1156	Pilot could not recover job
1158	Reached maximum number of recovery trials
1159	Job recovery could not read PoolFileCatalog.xml file (guids lost)
1160	LRC registration error: file name string size exceeded limit of 250
1161	Job recovery could not generate xml for remaining output files
1162	LRC registration error: Non-unique LFN
1163	Grid proxy not valid
1164	Get error: Local input file missing
1165	Put error: Local output file missing
1166	Put error: File copy broken by SIGPIPE
1167	Get error: Input file missing in PoolFileCatalog.xml
1168	Get error: Total file size too large
1169	Put error: LFC registration failed
1170	Error running Adler32 on the file in job workdir
1171	Get error: Adler32 mismatch on input file
1172	Put error: Adler32 mismatch on output file
1173	PandaMover staging error: File is not cached
1174	PandaMover transfer failure
1175	Get error: Problem with copying from local SE to job workdir: size mismatch
1176	Pilot has no child processes (job wrapper has either crashed or did not send final status)
1177	Voms proxy not valid
1178	Get error: No input files are staged
1179	Get error: Failed to get LFC replicas
1180	Get error: Globus system error
1181	Put error: Globus system error
1182	Get error: Failed to get LFC replica
1183	LRC registration error: Guid-metadata entry already exists
1184	Put error: PoolFileCatalog could not be found in workdir
1186	Software directory does not exist
1187	Athena metadata is not available
1188	lcg-geturls failed
1189	lcg-geturls was timed-out
1190	LFN too long (exceeding limit of 150 characters)
1199	Could not create directory
1200	Job terminated by unknown kill signal
1201	Job killed by signal: SIGTERM
1202	Job killed by signal: SIGQUIT
1203	Job killed by signal: SIGSEGV
1204	Job killed by signal: SIGXCPU
1206	Job killed by signal: SIGBUS

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1207	Job killed by signal: SIGUSR1
1210	No athena output
1211	Missing installation
1212	Payload ran out of memory
1213	Reached batch system time limit
1214	Site does not allow requested direct access or file stager
1215	Failed to open TCP connection to localhost (worker node network problem)
1216	Pilot TCP server has died
1217	Mismatch between core count in job and queue definition
1218	Exception caught by RunJobEvent
1219	uuidgen failed to produce a guid
1220	Job failed due to unknown reason (consult log file)
1221	File already exist
1222	Failed to get security key pair
1223	TRF failed due to bad_alloc
1224	Recoverable Event Service Merge error
1225	Recoverable Event Service error
1226	gLExec related error
1227	AthenaMP ended Event Service job prematurely
1228	Fatal Event Service error
1229	Fatal Token Extractor error
1230	Token Extractor error: Host name could not be resolved
1231	Token Extractor error: Bad URL
1232	Token Extractor error: Invalid GUID length
1233	Token Extractor error: No tokens for this GUID
1234	Already executed clone job
1235	Payload exceeded maximum allowed memory
1236	Failed by server
1237	Event Service job killed by server

brokerageError Code

brokerageErrorCode	diagnostics
100	release is missing in the cloud

ddmError Code

ddmErrorCode	diagnostics
100	DQ2 server error
200	Adder could not add files to the output datasets

jobDispatcherError [Code](#)

jobDispatcherErrorCode	diagnostics
100	lost heartbeat
101	job recovery failed for three days

taskBufferError Code

taskBufferErrorCode	diagnostics
100	Job expired and killed three days after submission (or killed by user)
101	Transfer timeout (2weeks)
102	Expired three days after submission
103	Aborted by ExtIF

See here

Major updates:

-- NurcanOzturk - 06 Dec 2005 -- NurcanOzturk - 29 Dec 2005 -- NurcanOzturk - 27 Feb 2006 --
NurcanOzturk - 28 Apr 2006 -- YuriSmirnov - 19 May 2006 -- NurcanOzturk - 10 Jul 2006 -- PaulNilsson -
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