

Status Codes and Messages v9.0 3000 to 3099

MicroKernel Router Status Codes This section lists the status codes you can receive from the MicroKernel router, which receives requests from the Btrieve requesters and routes them to the correct version of the MicroKernel.

3000: The MicroKernel router encountered a memory allocation error The MicroKernel router could not internally allocate memory. Check the Pervasive Event Log (PVSW.LOG) for more information.

3001: Local access is unavailable to the MicroKernel router A call to the MicroKernel failed. This is most likely the result of an incorrect configuration. For example, if the MicroKernel is unavailable because of configuration settings and the file to be opened is local, then the MicroKernel router returns this status code.

3002: The MicroKernel router resource DLL is unavailable The MicroKernel resource DLL is either missing or incompatible with the current version of the router. If this happens, the MicroKernel reverts to its default settings and continues to run. Check the Pervasive Event Log (PVSW.LOG) for more information.

3003: The MicroKernel router detected an incompatible network component The networking services component is not compatible with this version of the MicroKernel router. The most likely cause is that the Networking services DLL has been replaced by an older version. Check the Pervasive Event Log (PVSW.LOG) for more information.

3004: The MicroKernel is not responding to the MicroKernel router The MicroKernel is not responding to requests from the MicroKernel router. Verify that the MicroKernel is running.

3005: The MicroKernel router encountered an operating system error The MicroKernel router encountered an unexpected error from the operating system, such as a shared memory failure. Check the Pervasive Event Log (PVSW.LOG) for more information.

3006: The MicroKernel router detected an invalid session The session information contained in a position block is invalid. This status code occurs for one of the following reasons: The application is trying to use a position block for a file that resides on an engine and for which the connection has been previously terminated via a B_STOP (25) or B_RESET (28) operation. The application is trying to use a position block for a file that resides on a remote server and that encountered an abnormal network error on a previous operation. When using only the NetBIOS protocol with a remote Workgroup engine, the client is sending more bytes than can fit into the engine's network read buffer. Go the machine where the remote Workgroup engine is installed, and try increasing the value of the configuration parameter, Server Communication Buffer Size Read Buffer Size.

3008: Invalid configuration for MicroKernel router This status code results from an invalid configuration. For example, if both client configuration options, Access Use Local MicroKernel Engine and Access Use Remote MicroKernel Engine are set to Off, the router has no valid path to take. If this situation occurs, set at least one of these options to On, depending on whether you are using a local engine, a remote Server engine, or both.

3009: NETinterface.DLL is not loaded The MicroKernel router could not find NETAPI.DLL.

- 3010: NetWare API DLLs are not loaded The MicroKernel router could not find the NetWare API DLLs.
- 3011: Thunk not possible - the Win32 MicroKernel router could not be found or is incompatible This status code is only relevant to the Win16 MicroKernel router. You receive this status code when the Use Thunk option is set to On and the thunk path is not accessible. Possible causes include: The Win32 MicroKernel Router DLL does not exist or is not compatible. The Win32 routines failed to initialize. Check the Pervasive Event Log (PVSU.LOG) for more information.
- 3012: Local engine is not accessible to the MicroKernel router Access to the local engine is not possible because it is not loaded or could not be launched. You can receive this status code if you try to access a local file on a client and you do not have a Workgroup engine installed or if you try to access a local file on a server and the Server engine is not running. If you have only a server engine installed and your Pervasive Event Log (PVSU.LOG) contains Status Code 3012 warning entries, perform the following steps: To Turn Off Local Engine support (for clients and workstations only): Start Pervasive.SQL Control Center (see Starting PCC in Pervasive.SQL User's Guide). Expand Local Client. Right-click on MicroKernel Router and select Properties. Login if prompted. Click Access. In the right hand frame, change the value of Use Local MicroKernel Engine to Off. In the right-hand frame, change the value of Use Remote MicroKernel Engine to On. Click OK. Restart the engines for the new settings to take effect.
- 3013: The remote engine is inaccessible to the MicroKernel router because the networking component is not loaded Access to the remote engine is not possible because the MicroKernel router could not initialize the networking component. Possible causes include: The client configuration option, Access Use Remote MicroKernel Engine, is incorrectly set to Off. Set it to On to access a remote Server engine. The required networking component could not be found or is not compatible.
- 3014: The MicroKernel router cannot find an engine The MicroKernel router could not complete the operation because it did not find an engine (local or remote) that could process the operation. Possible causes include: The target network operating system is not available. The target engine is not available. In a Windows 3.x environment, you are using a shared drive name that contains a space. To resolve the condition, remove the space from the shared drive name. For example, if you connect to a server named "D Drive", change the share name to "D_Drive".
- 3015: The MicroKernel router encountered an initialization error An unexpected error occurred during the initialization of the MicroKernel router. Check the Pervasive Event Log (PVSU.LOG) for more information.
- 3016: The MicroKernel router encountered an internal error The MicroKernel router encountered an internal error. Check the Pervasive Event Log (PVSU.LOG) for more information.
- 3017: Data buffer of the local engine is too small The requester has more data to send the MicroKernel than the MicroKernel buffers can handle. This status code is only relevant to an engine running locally and does not apply to client/server environments. Some possible solutions include: Specify higher values for Communications Buffer Size (see Configuration Reference in Advanced Operations Guide). Use smaller buffers in your operations.
- 3018: The file is already closed The MicroKernel router is shut down and is not accepting any more requests.
- 3019: The MicroKernel router encountered a semaphore error A semaphore error occurred while trying to establish contact with the local engine. Check the Pervasive Event Log (PVSU.LOG) for more information.

3020: An error occurred while loading the MicroKernel You receive this status code when an error occurs while loading the MicroKernel or when access to the server and client machine shared memory objects are unavailable. Check the Pervasive Event Log (PVSW.LOG) for more information.

3021: The MicroKernel router received a badly formatted data packet The MicroKernel router rejected the response from the engine because it was badly formatted. Check the Pervasive Event Log (PVSW.LOG) for more information.

3022: The MicroKernel router could not send the request to the remote engine because the specified data buffer length resulted in a data packet object that is too large A request to the MicroKernel router specified a data buffer length that resulted in a data packet size greater than 64 KB, which is the maximum. This can occur even if the data buffer length for the request is smaller than 64 KB because the MicroKernel router adds some packet overhead as it forms the data packet. Check the Pervasive Event Log (PVSW.LOG) for more information.

3023: The task table of the MicroKernel router is full An internal table used by the MicroKernel router to manage tasks is full. This error should only occur in Win16 environments and indicates that a large number of applications are using the Win16 MicroKernel router at the same time.

3030: Remote access not allowed This code is returned if the path is remote, the client configuration setting for Use Local MicroKernel Engine has been set to Off, and either: the key number on the open request indicates 'local only'; OR the configuration setting for Use Remote MicroKernel Engine is set to Off.

3031: Linux requester cannot connect to this server This code is returned if a Pervasive.SQL Linux requester attempts to connect to a Pervasive.SQL 2000 server that has Service Pack 2a or earlier, or a Pervasive.SQL V8 server without Service Pack 1. To use the Linux requester to connect to a Pervasive.SQL 2000 server, you must have a special update that is available at <http://www.pervasive.com/support/updates/index.asp> To use the Linux requester to connect to a Pervasive.SQL V8 server, you must have Service Pack 1 or higher which is available for download at <http://www.pervasive.com/support/updates/index.asp>

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