Thread Pool Installation as of MySQL 8.0.14

In MySQL 8.0.14 and higher, the thread pool monitoring tables are Performance Schema tables that are loaded and unloaded along with the thread pool plugin. The `INFORMATION_SCHEMA` versions of the tables are deprecated but still available; they are installed per the instructions in Thread Pool Installation Prior to MySQL 8.0.14.

To enable thread pool capability, load the plugin by starting the server with the `--plugin-load-add` option. To do this, put these lines in the server `my.cnf` file, adjusting the `.so` suffix for your platform as necessary:

```
[mysqld]
plugin-load-add=thread_pool.so
```

To verify plugin installation, examine the `INFORMATION_SCHEMA.PLUGINS` table or use the `SHOW PLUGINS` statement (see Section 5.6.2, "Obtaining Server Plugin Information"). For example:

```
mysql> SELECT PLUGIN_NAME, PLUGIN_STATUS
       FROM INFORMATION_SCHEMA.PLUGINS
       WHERE PLUGIN_NAME LIKE 'thread%';
+-----------------------+---------------+
| PLUGIN_NAME           | PLUGIN_STATUS |
+-----------------------+---------------+
| thread_pool           | ACTIVE        |
+-----------------------+---------------+
```

To verify that the Performance Schema monitoring tables are available, examine the `INFORMATION_SCHEMA.TABLES` table or use the `SHOW TABLES` statement. For example:

```
mysql> SELECT TABLE_NAME
       FROM INFORMATION_SCHEMA.TABLES
       WHERE TABLE_SCHEMA = 'performance_schema'
       AND TABLE_NAME LIKE 'tp%';
+-----------------------+
| TABLE_NAME            |
+-----------------------+
| tp_thread_group_state |
| tp_thread_group_stats |
| tp_thread_state       |
+-----------------------+
```

If the server loads the thread pool plugin successfully, it sets the `thread_handling` system variable to `loaded-dynamically`.

If the plugin fails to initialize, check the server error log for diagnostic messages.

Thread Pool Installation Prior to MySQL 8.0.14

Prior to MySQL 8.0.14, the thread pool monitoring tables are plugins separate from the thread pool plugin and can be installed separately.

To enable thread pool capability, load the plugins to be used by starting the server with the `--plugin-load-add` option. For example, if you name only the plugin library file, the server loads all plugins that it contains (that is, the thread pool plugin and all the `INFORMATION_SCHEMA` tables). To do this, put these lines in the server `my.cnf` file, adjusting the `.so` suffix for your platform as necessary:

```
[mysqld]
plugin-load-add=thread_pool.so
```

That is equivalent to loading all thread pool plugins by naming them individually: