

```

@Override
@Nullable
public <T> T execute(PreparedStatementCreator psc, PreparedStatementCallback<T> action)
    throws DataAccessException {

    Assert.notNull(psc, "PreparedStatementCreator must not be null");
    Assert.notNull(action, "Callback object must not be null");
    if (logger.isDebugEnabled()) {
        String sql = getSql(psc);
        logger.debug("Executing prepared SQL statement" + (sql != null ? " [" + sql + "]" : ""));
    }

    Connection con = DataSourceUtils.getConnection(obtainDataSource());
    PreparedStatement ps = null;
    try {
        ps = psc.createPreparedStatement(con);
        applyStatementSettings(ps);
        T result = action.doInPreparedStatement(ps);
        handleWarnings(ps);
        return result;
    }
    catch (SQLException ex) {
        // Release Connection early, to avoid potential connection pool deadlock
        // in the case when the exception translator hasn't been initialized yet.
        if (psc instanceof ParameterDisposer) {
            ((ParameterDisposer) psc).cleanupParameters();
        }
        String sql = getSql(psc);
        JdbcUtils.closeStatement(ps);
        ps = null;
        DataSourceUtils.releaseConnection(con, getDataSource());
        con = null;
        throw translateException("PreparedStatementCallback", sql, ex);
    }
    finally {
        if (psc instanceof ParameterDisposer) {
            ((ParameterDisposer) psc).cleanupParameters();
        }
        JdbcUtils.closeStatement(ps);
        DataSourceUtils.releaseConnection(con, getDataSource());
    }
}

```