

## TABLE CREATION

```
SQL> @create_requestinfo.sql
Table created.

Index created.

Index created.

Index created.

Table altered.

1 row created.

SQL> _
```

## SESSION 1 (NATIVE QUERY FOR UPDATE)

```
SQL*Plus: Release 10.2.0.3.0 - Production on Lun. Apr. 16 14:51:56 2018
Copyright (c) 1982, 2006, Oracle. All Rights Reserved.

Connected to:
Oracle Database 12c Enterprise Edition Release 12.1.0.2.0 - 64bit Production
With the Partitioning, OLAP, Advanced Analytics and Real Application Testing opt
ions
SQL> @query_requestinfo_for_update.sql

   ID
-----
  2965

SQL> _
```

## SESSION 2 (SAME NATIVE QUERY, AWAITING LOCK)

```
SQL*Plus: Release 10.2.0.3.0 - Production on Lun. Apr. 16 14:51:54 2018
Copyright (c) 1982, 2006, Oracle. All Rights Reserved.

Connected to:
Oracle Database 12c Enterprise Edition Release 12.1.0.2.0 - 64bit Production
With the Partitioning, OLAP, Advanced Analytics and Real Application Testing opt
ions
SQL> @query_requestinfo_for_update.sql
-
```

## BEFORE COMMIT (SESSION 1 UPDATE STATUS, SESSION 2 AWAITING LOCK)

```
SQL*Plus: Release 10.2.0.3.0 - Production on Lun. Apr. 16 14:51:56 2018
Copyright (c) 1982, 2006, Oracle. All Rights Reserved.

Connected to:
Oracle Database 12c Enterprise Edition Release 12.1.0.2.0 - 64bit Production
With the Partitioning, OLAP, Advanced Analytics and Real Application Testing opt
ions
SQL> @query_requestinfo_for_update.sql
      ID
-----
     2965
SQL> @update_requestinfo_2965_running.sql
1 row updated.
SQL>
```

```
SQL*Plus: Release 10.2.0.3.0 - Production on Lun. Apr. 16 14:51:54 2018
Copyright (c) 1982, 2006, Oracle. All Rights Reserved.

Connected to:
Oracle Database 12c Enterprise Edition Release 12.1.0.2.0 - 64bit Production
With the Partitioning, OLAP, Advanced Analytics and Real Application Testing opt
ions
SQL> @query_requestinfo_for_update.sql
```

## AFTER COMMIT (SESSION 1 STATUS UPDATED, SESSION 2 gets THE RECORD)

```
SQL*Plus: Release 10.2.0.3.0 - Production on Lun. Apr. 16 14:51:56 2018
Copyright (c) 1982, 2006, Oracle. All Rights Reserved.

Connected to:
Oracle Database 12c Enterprise Edition Release 12.1.0.2.0 - 64bit Production
With the Partitioning, OLAP, Advanced Analytics and Real Application Testing opt
ions
SQL> @query_requestinfo_for_update.sql
      ID
-----
     2965
SQL> @update_requestinfo_2965_running.sql
1 row updated.
SQL> commit;
Commit complete.
SQL>
```

```
SQL*Plus: Release 10.2.0.3.0 - Production on Lun. Apr. 16 14:51:54 2018
Copyright (c) 1982, 2006, Oracle. All Rights Reserved.

Connected to:
Oracle Database 12c Enterprise Edition Release 12.1.0.2.0 - 64bit Production
With the Partitioning, OLAP, Advanced Analytics and Real Application Testing opt
ions
SQL> @query_requestinfo_for_update.sql
      ID
-----
     2965
SQL>
```

## SESSION 1 (FIXED NATIVE QUERY FOR UPDATE)

```
SQL*Plus: Release 10.2.0.3.0 - Production on Lun. Apr. 16 14:59:36 2018
Copyright (c) 1982, 2006, Oracle. All Rights Reserved.

Connected to:
Oracle Database 12c Enterprise Edition Release 12.1.0.2.0 - 64bit Production
With the Partitioning, OLAP, Advanced Analytics and Real Application Testing opt
ions
SQL> @fixed_query_requestinfo_for_update.sql

          ID
-----
STATUS
-----
          2965
QUEUED

SQL>
```

## SESSION 2 (SAME FIXED NATIVE QUERY, AWAITING LOCK)

```
SQL*Plus: Release 10.2.0.3.0 - Production on Lun. Apr. 16 14:58:14 2018
Copyright (c) 1982, 2006, Oracle. All Rights Reserved.

Connected to:
Oracle Database 12c Enterprise Edition Release 12.1.0.2.0 - 64bit Production
With the Partitioning, OLAP, Advanced Analytics and Real Application Testing opt
ions
SQL> @fixed_query_requestinfo_for_update.sql
-
```

## BEFORE COMMIT (SESSION 1 UPDATE STATUS, SESSION 2 AWAITING LOCK)

```
Connected to:
Oracle Database 12c Enterprise Edition Release 12.1.0.2.0 - 64bit Production
With the Partitioning, OLAP, Advanced Analytics and Real Application Testing opt
ions
SQL> @fixed_query_requestinfo_for_update.sql
      ID
-----
STATUS
-----
      2965
QUEUED

SQL> @update_requestinfo_2965_running.sql
1 row updated.
SQL>
```

```
SQL*Plus: Release 10.2.0.3.0 - Production on Lun. Apr. 16 14:58:14 2018
Copyright (c) 1982, 2006, Oracle. All Rights Reserved.

Connected to:
Oracle Database 12c Enterprise Edition Release 12.1.0.2.0 - 64bit Production
With the Partitioning, OLAP, Advanced Analytics and Real Application Testing opt
ions
SQL> @fixed_query_requestinfo_for_update.sql
```

## AFTER COMMIT (SESSION 1 STATUS UPDATED, SESSION 2 doesn't get THE RECORD)

```
With the Partitioning, OLAP, Advanced Analytics and Real Application Testing opt
ions
SQL> @fixed_query_requestinfo_for_update.sql
      ID
-----
STATUS
-----
      2965
QUEUED

SQL> @update_requestinfo_2965_running.sql
1 row updated.
SQL> commit;
Commit complete.
SQL>
```

```
SQL*Plus: Release 10.2.0.3.0 - Production on Lun. Apr. 16 14:58:14 2018
Copyright (c) 1982, 2006, Oracle. All Rights Reserved.

Connected to:
Oracle Database 12c Enterprise Edition Release 12.1.0.2.0 - 64bit Production
With the Partitioning, OLAP, Advanced Analytics and Real Application Testing opt
ions
SQL> @fixed_query_requestinfo_for_update.sql
no rows selected
SQL>
```