

# Changes in This Release for Oracle Universal Connection Pool Developer's Guide

This preface contains:

- [Changes in Oracle Database 23ai](#)

## Changes in Oracle Database 23ai

Following are the changes in the *Oracle Universal Connection Pool Developer's Guide* for this release of Oracle Database.

### New Features

This section lists the new features in this release.

- Support for Background Threads  
See [Connection Creation Using Background Threads](#)
- Support for Asynchronous Database Access  
See [UCP Asynchronous Extension](#)
- Support for Failover or Resharding Event Handling in UCP  
[#unique\\_22](#)
- Support for XA Transactions with Sharded Databases  
See [Sharding with JTA/XA Transaction in WebLogic Server](#)
- Support for Connection Creation Consumer  
See [Connection Creation Consumer](#)
- Enhanced Diagnosability  
See [Diagnosing a Connection Pool](#)
- New `SYSTEM_PROPERTY_TIMERS_AFFECT_ALL_CONNECTIONS` for Improved Maximum Connection Reuse Time  
See [Setting the Maximum Connection Reuse Time](#)
- Ability to Set Minimum Number of Idle Connections  
See [Setting the Minimum Idle Connection Number](#)