**ADVANDB MCO3: Transactions**

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| **Test Script ID / Title** | 1 / Two Local Concurrent Reading Transactions (Read Uncommitted) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data*  *//Read with the same conditions* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 2 / Two Local Concurrent Transactions (Read/Write) (Read Uncommitted) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 3 / Two Local Concurrent Writing Transactions (Read Uncommitted) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data*  *//Write to the same row* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 4 / Two Local Concurrent Reading Transactions (Read Committed) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data*  *//Read with the same conditions* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 5 / Two Local Concurrent Transactions (Read/Write) (Read Committed) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 6 / Two Local Concurrent Writing Transactions (Read Committed) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data*  *//Write to the same row* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 7 / Two Local Concurrent Reading Transactions (Repeatable Read) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data*  *//Read with the same conditions* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 8 / Two Local Concurrent Transactions (Read/Write) (Repeatable Read) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 9 / Two Local Concurrent Writing Transactions (Repeatable Read) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data*  *//Write to the same row* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 10 / Two Local Concurrent Reading Transactions (Serializable) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data*  *//Read with the same conditions* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 11 / Two Local Concurrent Transactions (Read/Write) (Serializable) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 12 / Two Local Concurrent Writing Transactions (Serializable) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data*  *//Write to the same row* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 13 / Transaction Failure (Software) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data*  *//Write to a row and set to abort* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 14 / Transaction Failure (Hardware) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data*  *//Write to a row and set to fail* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 15 / Three Global Concurrent Reading Transactions (Read Uncommitted) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data*  *//Read with the same conditions* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 16 / Three Global Concurrent Transactions (Read/Write) (Read Uncommitted) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 17 / Three Global Concurrent Writing Transactions (Read Uncommitted) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data*  *//Write to the same row* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 18 / Three Global Concurrent Reading Transactions (Read Committed) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data*  *//Read with the same conditions* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 19 / Three Global Concurrent Transactions (Read/Write) (Read Committed) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 20 / Three Global Concurrent Writing Transactions (Read Committed) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data*  *//Write to the same row* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 21 / Three Global Concurrent Reading Transactions (Repeatable Read) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data*  *//Read with the same conditions* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 22 / Three Global Concurrent Transactions (Read/Write) (Repeatable Read) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 23 / Three Global Concurrent Writing Transactions (Repeatable Read) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data*  *//Write to the same row* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 24 / Three Global Concurrent Reading Transactions (Serializable) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data*  *//Read with the same conditions* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 25 / Three Global Concurrent Transactions (Read/Write) (Serializable) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 26 / Three Global Concurrent Writing Transactions (Serializable) | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data*  *//Write to the same row* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 27 / Palawan Node Failure | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data*  *//Test writing and reading* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 28 / Marinduque Node Failure | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data*  *//Test writing and reading* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |

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| **Test Script ID / Title** | 29 / Central Node Failure | | |
| **Purpose of Test** |  | | |
| **User Stories** | ***Add Transaction*** | | |
| *Test Data*  *//Test writing and reading* | *Expected Output* | *Actual Output* |
| ***Run Transactions*** | | |
| *Test Data* | *Expected Output* | *Actual Output* |
| **Findings** |  | | |
| **Remarks** |  | | |