**ITRI Hypervisor Test Case**

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| **Metadata (Descriptions of the test case)** | |
| **Test case ID** | FT-HFF-MV-0008 |
| **Test case name** | Migrate two Guest VMs from one Host machine to another at the same time |
| **Category** | Hypervisor fundamental functionality |
| **Designer** | Chia Hung Kao |
| **Reviewer** |  |
| **Modified time** | 04/30/2013 |

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| **Precondition (Conditions that must exist to support the test case)** | |
| **Kernel configuration** | L S F - - - |
| **Host setting** | * CPU: 1 CPU * Memory: 1024 MB RAM * OS: Linux * Network (Host A): 192.168.101.2 * Network (Host B): 192.168.101.101 |
| **Guest VM setting** | * CPU: 1 virtual CPU * Memory: 64 MB RAM * OS: Linux * Network (Guest VM1): 192.168.20.2 * Network (Guest VM2): 192.168.20.4 * Storage configuration: NFS |
| **Environment setting** | Host machines are on without any additional process |
| **Steps** | 1. Launch Host machine A (Source) 2. Launch Host machine B (Destination) |

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| **Process (Steps to be executed to complete the test)** |
| 1. Login to Host machine B 2. Let Host machine B enter “receive” mode for Guest VM1 3. Let Host machine B enter “receive” mode for Guest VM2 4. Login to Host machine A 5. Launch Guest VM1 6. Launch Guest VM2 7. Execute “ping” in Guest VM1 8. Execute “top” in Guest VM2 9. Migrate Guest VM1 from Host machine A to Host machine B 10. Migrate Guest VM2 from Host machine A to Host machine B |

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| **Evaluation (Steps to be examined to evaluate the test result)** |
| 1. Guest VM1 is on in Host machine B 2. Process “ping” is running 3. Guest VM2 is on in Host machine B 4. Process “top” is running |

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| **Post process (Steps to be executed to restore the system state)** |
| 1. Shutdown Guest VM1 2. Shutdown Guest VM2 3. Shutdown Host machine A 4. Shutdown Host machine B |

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| **Related scripts (Scripts used in this test case)** |
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