**ITRI Hypervisor Test Case**

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| **Metadata (Descriptions of the test case)** | |
| **Test case ID** | FT-HFF-SRV-0002 |
| **Test case name** | Launch three Guest VMs, save all the Guest VMs and restore |
| **Category** | Hypervisor fundamental functionality |
| **Designer** | Chia Hung Kao |
| **Reviewer** |  |
| **Modified time** | 05/09/2013 |

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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: 192.168.101.2 |
| **Guest VM setting** | * CPU: 1 virtual CPU * Memory: 64 MB RAM * OS: Linux * Network configuration: 192.168.20.2 * Network configuration: 192.168.20.4 * Network configuration: 192.168.20.5 * Storage configuration: NFS |
| **Environment setting** | Host machines are on without any additional process |
| **Steps** | 1. Launch Host machine |

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| **Process (Steps to be executed to complete the test)** |
| 1. Login to Host machine 2. Launch Guest VM1 3. Launch Guest VM2 4. Launch Guest VM3 5. Execute “ping” in Guest VM1 6. Execute “top” in Guest VM2 7. Execute “vmstat 1” in Guest VM3 8. Save Guest VM1 to file 9. Save Guest VM2 to file 10. Save Guest VM3 to file 11. Restore Guest VM1 from file 12. Restore Guest VM2 from file 13. Restore Guest VM3 from file |

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| **Evaluation (Steps to be examined to evaluate the test result)** |
| 1. Guest VM1 is on in Host machine 2. Guest VM2 is on in Host machine 3. Guest VM3 is on in Host machine 4. Process “ping” is running in Guest VM1 5. Process “top” is running in Guest VM2 6. Process “vmstat 1” is running in Guest VM3 |

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| **Post process (Steps to be executed to restore the system state)** |
| 1. Shutdown Guest VMs 2. Shutdown Host machine |

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