**ITRI Hypervisor Test Case**

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| **Metadata (Descriptions of the test case)** | |
| **Test case ID** | FT-HFF-SRV-0001 |
| **Test case name** | Launch one Guest VM, save Guest VM 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 * 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 VM 3. Execute “ping” in Guest VM 4. Save Guest VM to file 5. Restore Guest VM from file |

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| **Evaluation (Steps to be examined to evaluate the test result)** |
| 1. Guest VM is on in Host machine 2. Process “ping” is running in Guest VM |

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

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