**ITRI Hypervisor Test Case**

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| **Metadata (Descriptions of the test case)** | |
| **Test case ID** | HFF-0006 |
| **Test case name** | Launch 4 Guest VM with the total allocated memory space larger than Host machine memory space |
| **Category** | Hypervisor fundamental functionality |
| **Designer** | Chia Hung Kao |
| **Reviewer** |  |
| **Modified time** | 03/06/2013 |

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| **Precondition (Conditions that must exist to support the test case)** | |
| **Host kernel configuration** | LSFINB (Should be confirmed by ITRI) |
| **Host setting** | * CPU: 1 CPU * Memory: 1024 MB RAM * OS: Linux * Network configuration: 192.168.101.2 * Storage configuration: |
| **Guest VM setting** | * CPU: 1 virtual CPU * Memory: 512 MB RAM * OS: Linux * Network configuration: 192.168.20.2 - 5 * Storage configuration: NFS |
| **Environment setting** | Host machine is 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 1 3. Launch Guest VM 2 4. Launch Guest VM 3 5. Launch Guest VM 4 |

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| **Evaluation (Steps to be examined to evaluate the test result)** |
| 1. All Guest VM are booted successfully 2. All Guest VM can be login in |

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

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