

APPENDIX

Table 4: Hypercalls During Boot and Desktop Idle of Root and Guest Partition

Call Code	Name	Root		Guest	
		Boot	DIIdle	Boot	DIIdle
0x2	HvCallFlushVirtualAddressSpace	x	x	x	x
0x3	HvCallFlushVirtualAddressList	x	x	x	x
0x8	HvCallNotifyLongSpinWait	x		x	
0x9	HvCallParkedLogicalProcessors		x	x	x
0xB	HvCallSendSyntheticClusterIpi	x	x	x	x
0xC	HvCallModifyVtlProtectionMask			x	x
0xD	HvCallEnablePartitionVtl			x	
0xF	HvCallEnableVpVtl			x	
0x11	HvCallVtlCall			x	x
0x12	HvCallVtlReturn			x	x
0x15	HvCallSendSyntheticClusterIpiEx				x
0x40	HvCallCreatePartition	x		x	
0x41	HvCallInitializePartition	x		x	
0x44	HvCallGetPartitionProperty	x		x	x
0x45	HvCallSetPartitionProperty	x		x	
0x46	HvCallGetPartitionId	x			
0x48	HvCallDepositMemory	x		x	
0x49	HvCallWithdrawMemory	x		x	
0x4A	HvCallGetMemoryBalance			x	
0x4B	HvCallMapGpaPages	x		x	x
0x4C	HvCallUnmapGpaPages			x	
0x4D	HvCallInstallIntercept	x		x	
0x4E	HvCallCreateVp	x		x	
0x50	HvCallGetVpRegisters	x		x	x
0x51	HvCallSetVpRegisters	x		x	x
0x52	HvCallTranslateVirtualAddress			x	x
0x5A	HvCallGetPortProperty			x	
0x5C	HvCallPostMessage			x	x
0x5D	HvCallSignalEvent			x	x
0x60	HvCallInitializeEventLogBufferGroup	x			
0x62	HvCallCreateEventLogBuffer	x			
0x64	HvCallMapEventLogBuffer	x			
0x66	HvCallSetEventLogGroupSources	x			
0x67	HvCallReleaseEventLogBuffer	x		x	
0x68	HvCallFlushEventLogBuffer	x	x	x	x
0x6C	HvCallMapStatsPage	x		x	
0x6E	HvCallMapSparseGpaPages	x			
0x6F	HvCallSetSystemProperty	x			
0x70	HvCallSetPortProperty			x	
0x76	HvCallAddLogicalProcessor	x			
0x7A	HvCallGetLogicalProcessorProperty	x			
0x7B	HvCallGetSystemProperty	x			
0x7C	HvCallMapDeviceInterrupt	x			
0x7E	HvCallRetargetDeviceInterrupt	x	x	x	x
0x7F	HvCallRetargetRootDeviceInterrupt	x			
0x82	HvCallAttachDevice	x			

0x87	HvCallNotifyPartitionEvent	x			
0x88	HvCallGetLogicalProcessorRegisters	x			
0x89	HvCallSetLogicalProcessorRegisters	x			
0x8A	HvCallQueryAssociatedLpsforMca	x			
0x90	HvCallModifySparseGpaPages			x	
0x91	HvCallRegisterInterceptResult			x	
0x94	HvCallAssertVirtualInterrupt	x			
0x95	HvCallCreatePort			x	
0x96	HvCallConnectPort			x	
0x99	HvCallStartVirtualProcessor	x		x	
0x9A	HvCallGetVpIndexFromApicId	x		x	
0x9B	HvCallGetPowerProperty	x			
0x9C	HvCallSetPowerProperty	x			
0xAA	HvCallGetPhysicalDeviceProperty	x			
0xAC	HvCallTranslateVirtualAddressEx			x	x
0xB2	HvCallAttachDeviceDomain	x			
0xBD	HvCallCompleteIntercept			x	
0xBE	HvCallPrecommitGpaPages	x		x	
0xBF	HvCallUncommitGpaPages			x	
0xC2	HvCallDispatchVp	x		x	x
0xCA	HvCallGetSparseGpaPagesAccessState	x	x	x	x
0xD2	HvCallAcquireSparseGpaPageHostAccess			x	
0xD4	HvCallCheckSparseGpaPageVtlAccess			x	
0xDE	HvCallRequestProcessorHalt	x	x	x	x
0xE1	HvCallMapVpStatePage	x		x	
0xE4	HvCallSetXsaveData	x			
0xEE	HvCallUpdatePerformanceState- CountersForLp	x	x	x	x
0xF3	?			x	x