Inventory Database Schema 7.5 Part 6 - Inventory Pack for Servers Virtual Machine Data

**Inventory Database Schema Part 6**

This is Part 6 of a 7 part article series detailing the data classes for Inventory, including Inventory Pack for Servers 7.5, providing administrators the knowledge they need to report on the newly expanded data set provided by this Solution. This Pack provides add on data to what is already gathered by Inventory Solution and should be considered an extension, not a replacement, of the main Solution.

Contents

[Introduction 1](#_Toc400704321)

[Database Schema 1](#_Toc400704322)

[Inv\_UNIX\_Connectivity\_Collection – BASE Class 2](#_Toc400704323)

[Inv\_UNIX\_VMware\_ESX\_Connectivity\_Collection – SUB Class 2](#_Toc400704324)

[Inv\_UNIX\_Virtual\_System\_Setting\_Data – BASE Class 3](#_Toc400704325)

[Inv\_UNIX\_VMware\_Virtual\_System\_Setting\_Data – SUB Class 5](#_Toc400704326)

[Inv\_UNIX\_VMware\_ESX\_Storage\_Extent – BASE Class 9](#_Toc400704327)

[Inv\_UNIX\_VMware\_ESX\_NFS\_Extent – SUB Class 10](#_Toc400704328)

[Inv\_UNIX\_Virtual\_Logical\_Device – BASE Class 10](#_Toc400704329)

[Inv\_UNIX\_VMware\_Virtual\_SCSI\_Controller – SUB Class 11](#_Toc400704330)

[Inv\_UNIX\_VMware\_Virtual\_Storage – SUB Class 11](#_Toc400704331)

[Inv\_UNIX\_VMware\_Virtual\_Network\_Port – SUB Class 12](#_Toc400704332)

[Inv\_UNIX\_VMware\_Virtual\_Parallel\_Port – SUB Class 12](#_Toc400704333)

[Inv\_UNIX\_VMware\_Virtual\_Serial\_Port – SUB Class 13](#_Toc400704334)

[Inv\_UNIX\_Resource\_Pool – STANDARD Class 13](#_Toc400704335)

[Inv\_UNIX\_Switch\_Port – STANDARD Class 14](#_Toc400704336)

[Inv\_UNIX\_Virtual\_Computer\_System – STANDARD Class 15](#_Toc400704337)

[Inv\_UNIX\_Virtualization\_Provider – STANDARD Class 15](#_Toc400704338)

[Inv\_UNIX\_VMware\_ESX\_Advanced\_Configuration\_Data – STANDARD Class 16](#_Toc400704339)

[Inv\_UNIX\_VMware\_ESX\_Network\_Policy – STANDARD Class 16](#_Toc400704340)

[Inv\_UNIX\_VMware\_ESX\_Setting\_Data – STANDARD Class 18](#_Toc400704341)

[Inv\_UNIX\_VMware\_ESX\_Storage\_Volume – STANDARD Class 19](#_Toc400704342)

[Inv\_UNIX\_VMware\_ESX\_Standby\_Uplink – STANDARD Class 20](#_Toc400704343)

[Inv\_UNIX\_VMware\_ESX\_VM\_kernel\_Network\_Port – STANDARD Class 21](#_Toc400704344)

[Inv\_UNIX\_VMware\_License\_Setting\_Data – STANDARD Class 21](#_Toc400704345)

[Inv\_UNIX\_Advanced\_Settings\_Define\_VMware\_ESX – ASSOCIATION Class 22](#_Toc400704346)

[Inv\_UNIX\_Allocation\_Defines\_Resource\_Pool – ASSOCIATION Class 22](#_Toc400704347)

[Inv\_UNIX\_Allocation\_Defines\_Virtual\_Logical\_Device –ASSOCIATION Class 23](#_Toc400704348)

[Inv\_UNIX\_Collection\_Connects\_To\_Switch\_Port – ASSOCIATION Class 23](#_Toc400704349)

[Inv\_UNIX\_Concrete\_Virtual\_Component – ASSOCIATION Class 23](#_Toc400704350)

[Inv\_UNIX\_Connected\_Virtual\_Logical\_Device – ASSOCIATION Class 24](#_Toc400704351)

[Inv\_UNIX\_Hosted\_Dependency – ASSOCIATION Class 24](#_Toc400704352)

[Inv\_UNIX\_Hosted\_Resource\_Pool – ASSOCIATION Class 24](#_Toc400704353)

[Inv\_UNIX\_Hosted\_Switch\_Port – ASSOCIATION Class 24](#_Toc400704354)

[Inv\_UNIX\_Hosted\_VMware\_ESX\_Storage\_Volume – ASSOCIATION Class 25](#_Toc400704355)

[Inv\_UNIX\_Installed\_Virtualization\_Provider – ASSOCIATION Class 25](#_Toc400704356)

[Inv\_UNIX\_License\_Settings\_Define\_VMware\_Product – ASSOCIATION Class 25](#_Toc400704357)

[Inv\_UNIX\_Resource\_Allocation\_From\_Connectivity\_Collection – ASSOCIATION Class 26](#_Toc400704358)

[Inv\_UNIX\_Resource\_Allocation\_From\_Logical\_Device – ASSOCIATION Class 26](#_Toc400704359)

[Inv\_UNIX\_Resource\_Allocation\_From\_Pool – ASSOCIATION Class 26](#_Toc400704360)

[Inv\_UNIX\_Settings\_Define\_Virtual\_Computer\_System – ASSOCIATION Class 27](#_Toc400704361)

[Inv\_UNIX\_Settings\_Define\_VMware\_ESX – ASSOCIATION Class 27](#_Toc400704362)

[Inv\_UNIX\_Settings\_Derive\_From\_Snapshot – ASSOCIATION Class 27](#_Toc400704363)

[Inv\_UNIX\_Snapshot\_Of\_Virtual\_System – ASSOCIATION Class 28](#_Toc400704364)

[Inv\_UNIX\_Stored\_VMware\_ESX\_Virtual\_Computer\_System – ASSOCIATION Class 28](#_Toc400704365)

[Inv\_UNIX\_VMware\_ESX\_Connectivity\_Collection\_Uplink – ASSOCIATION Class 29](#_Toc400704366)

[Inv\_UNIX\_VMware\_ESX\_Network\_Policy\_Applies\_To\_Connectivity\_Collection – ASSOCIATION Class 29](#_Toc400704367)

[Inv\_UNIX\_VMware\_ESX\_Network\_Policy\_Applies\_To\_Switch\_Port – ASSOCIATION Class 29](#_Toc400704368)

[Inv\_UNIX\_VMware\_ESX\_Service\_Console\_Connects\_To\_Collection – ASSOCIATION Class 30](#_Toc400704369)

[Inv\_UNIX\_VMware\_ESX\_Settings\_Define\_Resource\_Pool – ASSOCIATION Class 30](#_Toc400704370)

[Inv\_UNIX\_VMware\_ESX\_Storage\_To\_Extent – ASSOCIATION Class 30](#_Toc400704371)

[Inv\_UNIX\_VMware\_ESX\_VMkernel\_Connects\_To\_Collection – ASSOCIATION Class 31](#_Toc400704372)

[Conclusion 31](#_Toc400704373)

# Introduction

Documenting database schema is not an easy task. SQL can provide a table-column view of all selected tables, but this does not account for any interdependencies between tables in a normalized environment. In 7.5 for Inventory Pack for Servers, Normalization includes dependencies on base-class tables, or, in other words, subsequent tables are extensions of the base table. Association tables are also in use.

*NOTE: The information in this document may change, though at the time of publication this is believed to be the accurate information for Inventory Pack for Servers 7.5.*

# Database Schema

The following list reveals data classes and their structure. First, the name of the table is given, followed by a designation as a Base or Sub Class data class. The following label system is used:

* BASE Class – This is a data class that has no dependencies on other Inventory data classes
* SUB Class – This is a data class that has 1 dependency on a BASE data class
* STANDARD Class – This is a data class that contains no dependencies or sub classes
* ASSOCIATION Class – This data class associates two other data classes’ rows together (not dependencies)

Note the following when reviewing the grids:

1. Display Name represents how the column will be labeled when working within the Symantec Management Console, including reports, Resource Manager details, Pickers, etc.
2. Not all values have descriptions, but the label of the table and column should provide data on what’s stored therein.
3. When a BASE Class is listed, all subsequent SUB classes are tied to that BASE Class, sequentially, below.
4. Qualifiers per Column/Value are provided based on applicability.

For help in navigating dependent data classes, use the following guide:

* Inv\_UNIX\_Connectivity\_Collection
	+ Inv\_UNIX\_VMware\_ESX\_Connectivity\_Collection
* Inv\_UNIX\_Virtual\_System\_Setting\_Data
	+ Inv\_UNIX\_VMware\_Virtual\_System\_Setting\_Data
* Inv\_UNIX\_VMware\_ESX\_Storage\_Extent
	+ Inv\_UNIX\_VMware\_ESX\_NFS\_Extent
* Inv\_UNIX\_Virtual\_Logical\_Device
	+ Inv\_UNIX\_VMware\_Virtual\_SCSI\_Controller
	+ Inv\_UNIX\_VMware\_Virtual\_Storage
	+ Inv\_UNIX\_VMware\_Virtual\_Network\_Port
	+ Inv\_UNIX\_VMware\_Virtual\_Parallel\_Port
	+ Inv\_UNIX\_VMware\_Virtual\_Serial\_Port

## Inv\_UNIX\_Connectivity\_Collection – BASE Class

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |
| **ElementName** | string(256) |  |  |  |  |  |
| Description | User-friendly name of the connectivity collection.  |
| DisplayName | Element Name  |
| **InstanceID** | string(256) |  |  |  |  |  |
| Description | Unique identifier of the port group within the computer.  |
| DisplayName | Instance ID  |
| Key | true  |
| **Name** | string(128) |  |  |  |  |  |
| Description | Identifying name of the collection.  |
| DisplayName | Name  |

### Inv\_UNIX\_VMware\_ESX\_Connectivity\_Collection – SUB Class

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |
| **CollectionType** | uint16 |  |  |  |  |  |
| Description | Type of the ports that are meant to be connected to the collection.  |
| DisplayName | Collection Type  |
| ValueMap | 0, 1, 2, 3 |
| Values | Unknown, Virtual Machine, Service Console, VMkernel |
| **VLAN** | uint32 |  |  |  |  |  |
| Description | Identifier of the virtual local area network (VLAN).  |
| DisplayName | VLAN  |
| **InstanceID** | string(256) |  |  |  |  |  |
| Description | Unique identifier of the port group within the computer.  |
| DisplayName | Instance ID  |
| Key | true  |

## Inv\_UNIX\_Virtual\_System\_Setting\_Data – BASE Class

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |
| **AutomaticShutdownAction** | uint16 |  |  |  |  |  |
| Description | Specifies what should happen to the virtual machine if host supports and allows shutting down virtual machines during its own shutdown.  |
| DisplayName | Automatic Shutdown Action  |
| ValueMap | 2, 3, 4 |
| Values | Turn Off, Save State, Shutdown |
| **AutomaticShutdownDelay** | uint32 |  |  |  |  |  |
| Description | Specifies the default amount of time (in seconds) that should be granted to the virtual machine to shutdown before the next machine shutdown is initiated.  |
| DisplayName | Automatic Shutdown Delay  |
| **AutomaticStartupAction** | uint16 |  |  |  |  |  |
| Description | Specifies what should happen to the virtual machine if host supports and allows starting virtual machines during its own start-up.  |
| DisplayName | Automatic Startup Action  |
| ValueMap | 2, 4 |
| Values | None, Always Startup |
| **AutomaticStartupActionSequenceNumber** | uint16 |  |  |  |  |  |
| Description | Order in which the virtual machine is started or shut down in comparison to other virtual machines. The lower the value is the earlier startup is performed. Value of 0 indicates that any startup order is ok. Shutdown is performed in the reverse order.  |
| DisplayName | Automatic Startup Action Sequence Number  |
| **AutomaticStartupDelay** | uint32 |  |  |  |  |  |
| Description | Specifies the default amount of time (in seconds) that should be granted to a virtual machine to startup before the next machine startup is initiated.  |
| DisplayName | Automatic Startup Delay  |
| **ConfigurationDataRoot** | string(1024) |  |  |  |  |  |
| Description | Absolute path to the directory containing the virtual machine configuration.  |
| DisplayName | Configuration Data Root  |
| **ConfigurationFile** | string(1024) |  |  |  |  |  |
| Description | Absolute path to the file containing configuration for the virtual machine.  |
| DisplayName | Configuration File  |
| **ConfigurationID** | string(128) |  |  |  |  |  |
| Description | Unique identifier of the current state of the configuration. This is important for the hierarchy of snapshots.  |
| DisplayName | Configuration ID  |
| **CreationTime** | datetime |  |  |  |  |  |
| Description | Date and time when the configuration settings were created or last modified.  |
| DisplayName | Creation Time  |
| **ElementName** | string(256) |  |  |  |  |  |
| Description | User-friendly name of the virtual machine.  |
| DisplayName | Element Name  |
| **InstanceID** | string(256) |  |  |  |  |  |
| Description | Unique identifier of the virtual machine configuration (computer-wide).  |
| DisplayName | Instance ID  |
| Key | true  |
| **LogFileDataRoot** | string(1024) |  |  |  |  |  |
| Description | Absolute path to the directory containing log file for the virtual machine.  |
| DisplayName | Log File Data Root  |
| **Notes** | string |  |  |  |  |  |
| Description | Additional notes left by a user about the Virtual Machine.  |
| DisplayName | Notes  |
| **SnapshotDataRoot** | string(1024) |  |  |  |  |  |
| Description | Absolute path to the directory where the snapshot data for the virtual machine is stored.  |
| DisplayName | Snapshot Data Root  |
| **SuspendDataRoot** | string(1024) |  |  |  |  |  |
| Description | Absolute path to the directory where the suspended state data for the virtual machine is stored.  |
| DisplayName | Suspend Data Root  |
| **SwapFileDataRoot** | string(1024) |  |  |  |  |  |
| Description | Absolute path to the directory containing swap data for the virtual machine is stored.  |
| DisplayName | Swap File Data Root  |
| **VirtualSystemIdentifier** | string(128) |  |  |  |  |  |
| Description | Some kind of identifier for the virtual machine that can be used to map the configuration to the Computer Resource through the Inv\_AeX\_AC\_VirtualMachine table.  |
| DisplayName | Virtual System Identifier  |
| **VirtualSystemType** | string(128) |  |  |  |  |  |
| Description | Type of the operating system running in the virtual machine.  |
| DisplayName | Virtual System Type  |

### Inv\_UNIX\_VMware\_Virtual\_System\_Setting\_Data – SUB Class

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |
| **AccelerationDisabled** | boolean |  |  |  |  |  |
| Description | Whether acceleration is disabled for the virtual machine.  |
| DisplayName | Acceleration Disabled  |
| **AutomaticStartupWaitForHeartbeat** | boolean |  |  |  |  |  |
| Description | Whether automatic startup of virtual machines should immediately continue if heartbeat from VMware Tools installed inside the virtual machine is detected.  |
| DisplayName | Automatic Startup Wait For Heartbeat  |
| **ConfigurationFileVersion** | string(64) |  |  |  |  |  |
| Description | Version of the VMX configuration file layout.  |
| DisplayName | Configuration File Version  |
| **ConfigurationName** | string(256) |  |  |  |  |  |
| Description | User-supplied name of the configuration settings (e.g. snapshot name).  |
| DisplayName | Configuration Name  |
| **ConfigurationNotes** | string |  |  |  |  |  |
| Description | User-supplied details notes for the configuration settings (e.g. snapshot description).  |
| DisplayName | Configuration Notes  |
| **HyperThreadingSharing** | uint16 |  |  |  |  |  |
| Description | Controls access to a processor core that supports hyperthreadning.  |
| DisplayName | HyperThreading Sharing  |
| ValueMap | 0, 1, 2, 3 |
| Values | Unknown, Any, None, Internal |
| **LocationID** | string(38) |  |  |  |  |  |
| Description | Unique identifier for the virtual machine. On ESX 3.0.x this is generated when the virtual machine boots for the first time.  |
| DisplayName | Location ID  |
| **LoggingEnabled** | boolean |  |  |  |  |  |
| Description | Whether logging is enabled for the virtual machine.  |
| DisplayName | Logging Enabled  |
| **MonitorMode** | uint16 |  |  |  |  |  |
| Description | Mode in which the virtual machine runs.  |
| DisplayName | Monitor Mode  |
| ValueMap | 0, 1, 2 |
| Values | Unknown, Release, Debug |
| **PowerOffBehavior** | uint16 |  |  |  |  |  |
| Description | What should happen to the virtual machine when it is powered off.  |
| DisplayName | Power Off Behavior  |
| ValueMap | 0, 1, 2 |
| Values | Unknown, Hard, Soft |
| **ResetBehavior** | uint16 |  |  |  |  |  |
| Description | What should happen to the virtual machine when it is reset.  |
| DisplayName | Reset Behavior  |
| ValueMap | 0, 1, 2 |
| Values | Unknown, Hard, Soft |
| **SavedOperatingStatus** | uint16 |  |  |  |  |  |
| Description | Operating status that the virtual machine will have after the configuration is applied to the virtual machine (i.e. becomes active).  |
| DisplayName | Operating Status  |
| ValueMap | 0, 5, 16, 0xC000, 0xC001 |
| Values | Unknown, Stopped, In Service, Suspended, Not Applicable |
| **SuspendBehavior** | uint16 |  |  |  |  |  |
| Description | What should happen to the virtual machine when it is suspended.  |
| DisplayName | Suspend Behavior  |
| ValueMap | 0, 1, 2 |
| Values | Unknown, Hard, Soft |
| **VirtualHardwareVersion** | string(64) |  |  |  |  |  |
| Description | Version of the virtual hardware defined in VMX. Also known as version of the virtual machine.  |
| DisplayName | Virtual Hardware Version  |
| **VMwareToolsRunAfterPowerOn** | boolean |  |  |  |  |  |
| Description | Boolean flag indicating whether VMware Tools scripts installed inside the virtual machine should run after the virtual machine is power on.  |
| DisplayName | VMware Tools Run After Power On  |
| **VMwareToolsRunAfterResume** | boolean |  |  |  |  |  |
| Description | Boolean flag indicating whether VMware Tools scripts installed inside the virtual machine should run after the virtual machine is resumed from suspended mode.  |
| DisplayName | VMware Tools Run After Resume  |
| **VMwareToolsRunBeforePowerOff** | boolean |  |  |  |  |  |
| Description | Boolean flag indicating whether VMware Tools scripts installed inside the virtual machine should run before the virtual machine is powered off.  |
| DisplayName | VMware Tools Run Before Power Off  |
| **VMwareToolsRunBeforeSuspend** | boolean |  |  |  |  |  |
| Description | Boolean flag indicating whether VMware Tools scripts installed inside the virtual machine should run before the virtual machine is suspended.  |
| DisplayName | VMware Tools Run Before Suspend  |
| **VMwareToolsSyncTime** | boolean |  |  |  |  |  |
| Description | Boolean flag indicating whether VMware Tools running on guest should synchronize system time with the host.  |
| DisplayName | VMware Tools Sync Time  |
| **InstanceID** | string(256) |  |  |  |  |  |
| Description | Unique identifier of the port group within the computer.  |
| DisplayName | Instance ID  |
| Key | true  |

## Inv\_UNIX\_VMware\_ESX\_Storage\_Extent – BASE Class

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |
| **InstanceID** | string(256) |  |  |  |  |  |
| Description | Unique identifier of the storage extent within the computer.  |
| DisplayName | Instance ID  |
| Key | true  |

### Inv\_UNIX\_VMware\_ESX\_NFS\_Extent – SUB Class

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |
| **Accessible** | boolean |  |  |  |  |  |
| Description | Whether the extent is currently accessible.  |
| DisplayName | Accessible  |
| **Host** | string(256) |  |  |  |  |  |
| Description | Host that the extent is mounted from.  |
| DisplayName | Host  |
| **HostIP** | string(64) |  |  |  |  |  |
| Description | IP address of the Host.  |
| DisplayName | Host IP  |
| **Mounted** | boolean |  |  |  |  |  |
| Description | Whether the extent is currently mounted.  |
| DisplayName | Mounted  |
| **ReadOnly** | boolean |  |  |  |  |  |
| Description | Whether the extent is mounted in read-only mode.  |
| DisplayName | Read Only  |
| **ShareName** | string(1024) |  |  |  |  |  |
| Description | Name of the share on NFS host.  |
| DisplayName | Share Name  |
| **InstanceID** | string(256) |  |  |  |  |  |
| Description | Unique identifier of the port group within the computer.  |
| DisplayName | Instance ID  |
| Key | true  |

## Inv\_UNIX\_Virtual\_Logical\_Device – BASE Class

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |
| **DeviceType** | uint16 |  |  |  |  |  |
| Description | Type of the virtual hardware device.  |
| DisplayName | Device Type  |
| ValueMap | 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 |
| Values | Unknown, Processor, Memory, IDE Controller, SCSI Controller, Storage, CD/DVD Drive, Floppy Drive, Generic SCSI Device, Ethernet Network Adapter, Serial Port, Parallel Port, USB Controller, Sound Adapter |
| **InstanceID** | string(256) |  |  |  |  |  |
| Description | Unique identifier for the virtual logical device (computer-wide).  |
| DisplayName | Instance ID  |
| Key | true  |
| **Name** | string(128) |  |  |  |  |  |
| Description | Name of the device as defined in the configuration.  |
| DisplayName | Name  |

### Inv\_UNIX\_VMware\_Virtual\_SCSI\_Controller – SUB Class

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |
| **VirtualDevice** | uint16 |  |  |  |  |  |
| Description | Type of the SCSI virtual controller.  |
| DisplayName | Virtual Device  |
| ValueMap | 0, 1, 2 |
| Values | Unknown, LSI Logic, BUS Logic |
| **Instance ID** | nvarchar |  |  |  |  |  |
| Description | Provides the ID of the VM Instance for a given database. |
| DisplayName |   |

### Inv\_UNIX\_VMware\_Virtual\_Storage – SUB Class

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |
| **AdapterType** | uint16 |  |  |  |  |  |
| Description | Type of the adapter that the virtual disk can be attached to.  |
| DisplayName | Adapter Type  |
| ValueMap | 0, 1, 2, 3 |
| Values | Unknown, LSI Logic, BUS Logic, IDE |
| **StorageMode** | uint16 |  |  |  |  |  |
| Description | Policy for what should happen to the virtual hard disk when the virtual machine is powered off or when a snapshot is taken from it.  |
| DisplayName | Storage Mode  |
| ValueMap | 0, 1, 2, 3 |
| Values | Unknown, Persistent, Independent Non-Persistent, Independent Persistent |
| **StorageType** | uint16 |  |  |  |  |  |
| Description | Type of the virtual disk backend.  |
| DisplayName | Storage Type  |
| ValueMap | 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 |
| Values | Unknown, VMFS Thin, VMFS Thick, VMFS Raw Device Map, VMFS Passthrough Raw Device Map, VMFS Sparse, 2GB Extent Sparse, 2GB Extent Flat, Monolithic Sparse, Monolithic Flat |
| **UniqueID** | string(38) |  |  |  |  |  |
| Description | Unique identifier of the hard disk.  |
| DisplayName | Unique ID  |
| **VirtualHardwareVersion** | string(64) |  |  |  |  |  |
| Description | Version of the VMware virtual hardware defined in VMDK.  |
| DisplayName | Virtual Hardware Version  |
| **Instance ID** | nvarchar |  |  |  |  |  |
| Description | Provides the ID of the VM Instance for a given database. |
| DisplayName |   |

### Inv\_UNIX\_VMware\_Virtual\_Network\_Port – SUB Class

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |
| **MACAddressType** | uint16 |  |  |  |  |  |
| Description | Specifies the source for the MAC address for the network adapter.  |
| DisplayName | MAC Address Type  |
| ValueMap | 0, 1, 2 |
| Values | Unknown, Static, Generated |
| **VirtualDevice** | uint16 |  |  |  |  |  |
| Description | Type of the virtual network adapter.  |
| DisplayName | Virtual Device  |
| ValueMap | 0, 1, 2, 3, 4 |
| Values | Unknown, vlance, vmxnet, vmxnet Enhanced, e1000 |
| **Instance ID** | nvarchar |  |  |  |  |  |
| Description | Provides the ID of the VM Instance for a given database. |
| DisplayName |   |

### Inv\_UNIX\_VMware\_Virtual\_Parallel\_Port – SUB Class

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |
| **Bidirectional** | boolean |  |  |  |  |  |
| Description | Whether communication through the parallel port can be bidirectional.  |
| DisplayName | Bidirectional  |
| **Instance ID** | nvarchar |  |  |  |  |  |
| Description | Provides the ID of the VM Instance for a given database. |
| DisplayName |   |

### Inv\_UNIX\_VMware\_Virtual\_Serial\_Port – SUB Class

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |
| **PipeFarEnd** | uint16 |  |  |  |  |  |
| Description | In case serial port is using a named pipe for the backend, type of the far end of the pipe.  |
| DisplayName | Pipe Far End  |
| ValueMap | 0, 1, 2, 3 |
| Values | Unknown, None, Virtual Machine, Application |
| **PipeNearEnd** | uint16 |  |  |  |  |  |
| Description | In case serial port is using a named pipe for the backend, type of the near end of the pipe.  |
| DisplayName | Pipe Near End  |
| ValueMap | 0, 1, 2, 3 |
| Values | Unknown, None, Client, Server |
| **PolledModeEnabled** | boolean |  |  |  |  |  |
| Description | Whether the guest is allowed to use the serial port in polled mode.  |
| DisplayName | Polled Mode Enabled  |

## Inv\_UNIX\_Resource\_Pool – STANDARD Class

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |
| **AllocationUnits** | string(64) |  |  |  |  |  |
| Description | Units in which the capacity of the pool is measured.Possible values are described in Attachment C.1 in the following document: http://www.dmtf.org/standards/published\_documents/DSP0004\_2.4.0.pdf  |
| DisplayName | Allocation Units  |
| **Capacity** | uint64 |  |  |  |  |  |
| Description | Total capacity of the resource pool measured in Allocation Units.  |
| DisplayName | Capacity  |
| **ElementName** | string(256) |  |  |  |  |  |
| Description | User-friendly name of the Resource Pool.  |
| DisplayName | ElementName  |
| **InstanceID** | string(256) |  |  |  |  |  |
| Description | Universally unique ID of the resource pool within the Computer Resource. This is the same as Resource Pool ID, but should handle cases when there can be multiple pools having same Resource Pool ID, but differing otherwise (either by types of resources or by belonging to Virtualization Product installations).  |
| DisplayName | Instance ID  |
| Key | true  |
| **PoolID** | string(256) |  |  |  |  |  |
| Description | Unique ID of the resource pool within the Virtualization Product installation.  |
| DisplayName | Pool ID  |
| **Primordial** | boolean |  |  |  |  |  |
| Description | Indicates that this Resource Pool is a base from which resources are drawn and returned in the activity of resource management. Being primordial means that this Resource Pool shall not be created or deleted by consumers of this model.  |
| DisplayName | Primordial  |
| **Reserved** | uint64 |  |  |  |  |  |
| Description | Amount of resource measured in Allocation Units that is reserved by resource allocations made from this pool.  |
| DisplayName | Reserved  |
| **ResourceType** | uint16 |  |  |  |  |  |
| Description | Type of the resources serviced by the resource pool.  |
| DisplayName | Resource Type  |
| ValueMap | 1, 3, 4 |
| Values | Other, Processor, Memory |

## Inv\_UNIX\_Switch\_Port – STANDARD Class

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |
| **InstanceID** | string(256) |  |  |  |  |  |
| Description | Unique identifier of the switch port within the computer.  |
| DisplayName | Instance ID  |
| Key | true  |
| **Name** | string(128) |  |  |  |  |  |
| Description | Identifying name of the switch.  |
| DisplayName | Name  |
| **TotalPorts** | uint32 |  |  |  |  |  |
| Description | Total number of ports in the virtual switch.  |
| DisplayName | Total Ports  |
| **UsedPorts** | uint32 |  |  |  |  |  |
| Description | Total number of ports in the virtual switch that are currently in-use.  |
| DisplayName | Used Ports  |

## Inv\_UNIX\_Virtual\_Computer\_System – STANDARD Class

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |
| **Name** | string(128) |  |  |  |  |  |
| Description | Unique identifier for the virtual machine.  |
| DisplayName | Name  |
| Key | true  |
| **OperatingStatus** | uint16 |  |  |  |  |  |
| Description | Indicates the current status of the virtual machine. Value "Stopped" indicates that the VM is not running. Value "In Service" indicates that the VM is up and running. "Suspended" means that the VM is not running, but memory state is available for resuming. "Stuck" means that the VM is paused because the hosting Virtualization Product requires some information from user.  |
| DisplayName | Operating Status  |
| ValueMap | 0, 5, 16, 0xC000, 0xC001 |
| Values | Unknown, Stopped, In Service, Suspended, Stuck |

## Inv\_UNIX\_Virtualization\_Provider – STANDARD Class

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |
| **InstanceID** | string(256) |  |  |  |  |  |
| Description | Unique identifier of the virtualization product installation.  |
| DisplayName | Instance ID  |
| Key | true  |
| **OperatingStatus** | uint16 |  |  |  |  |  |
| Description | Indicates the current status of the Virtualization Product. Value "Servicing" means that the product is currently undergoing some maintenance. Value "Stopped" indicates that the virtualization product is now not working. Value "In Service" indicates that the product is fully up and running.  |
| DisplayName | Operating Status  |
| ValueMap | 2, 5, 16 |
| Values | Servicing, Stopped, In Service |

## Inv\_UNIX\_VMware\_ESX\_Advanced\_Configuration\_Data – STANDARD Class

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |
| **DefaultValue** | string |  |  |  |  |  |
| Description | Default value of the configuration option.  |
| DisplayName | Default Value  |
| **Description** | string |  |  |  |  |  |
| Description | Detailed information about what the option is meant for.  |
| DisplayName | Description  |
| **ElementName** | string(1024) |  |  |  |  |  |
| Description | Name of the advanced configuration option as it appears to user.  |
| DisplayName | Element Name  |
| **InstanceID** | string(256) |  |  |  |  |  |
| Description | Unique identifier of the advanced configuration setting.  |
| DisplayName | Instance ID  |
| Key | true  |
| **MaxValue** | string |  |  |  |  |  |
| Description | Maximal value allowed for the configuration option.  |
| DisplayName | Maximal Value  |
| **MinValue** | string |  |  |  |  |  |
| Description | Minimal value allowed for the configuration option.  |
| DisplayName | Minimal Value  |
| **OptionType** | uint16 |  |  |  |  |  |
| Description | Type of the data that can be used for option's value.  |
| DisplayName | Option Type  |
| ValueMap | 0, 1, 2, 3 |
| Values | Unknown, Integer, String, Boolean |
| **Value** | string |  |  |  |  |  |
| Description | Current (active) value of the configuration option.  |
| DisplayName | Value  |

## Inv\_UNIX\_VMware\_ESX\_Network\_Policy – STANDARD Class

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |
| **AverageBandwidth** | uint64 |  |  |  |  |  |
| Description | If Traffic Shaping is enabled, average allowed bandwidth (in bits per second).  |
| DisplayName | Average Bandwidth  |
| **BurstSize** | uint64 |  |  |  |  |  |
| Description | If Traffic Shaping is enabled, the maximum number of bytes to allow in a burst. If a burst exceeds the burst size parameter, excess packets are queued for later transmission. If the queue is full, the packets are dropped. When you specify values for these two characteristics, you indicate what you expect the vSwitch to handle during normal operation.  |
| DisplayName | Burst Size  |
| **FallbackPolicy** | uint16 |  |  |  |  |  |
| Description | If Fallback, the adapter is returned to active duty immediately on recovery, displacing the standby adapter that took over its slot, if any. If Replace, a failed adapter is left inactive even after recovery until another active adapter fails, requiring its replacement.  |
| DisplayName | Fallback Policy  |
| ValueMap | 0, 1, 2 |
| Values | Unset, Fallback, Replace |
| **ForgedTransmits** | uint16 |  |  |  |  |  |
| Description | Whether forged transmits are enabled.  |
| DisplayName | Forged Transmits  |
| ValueMap | 0, 1, 2 |
| Values | Unset, Reject, Accept |
| **InstanceID** | string(256) |  |  |  |  |  |
| Description | Unique identifier of the network policy.  |
| DisplayName | Instance ID  |
| Key | true  |
| **LoadBalancingPolicy** | uint16 |  |  |  |  |  |
| Description | Determines how outgoing traffic is distributed among the assigned network adapters.  |
| DisplayName | Load Balancing Policy  |
| ValueMap | 0, 1, 2, 3, 4 |
| Values | Unset, SourcePortID, IP\_Hash, MAC\_Hash, Explicit |
| **MACAddressChanges** | uint16 |  |  |  |  |  |
| Description | Whether changing of MAC address is allowed.  |
| DisplayName | MAC Address Changes  |
| ValueMap | 0, 1, 2 |
| Values | Unset, Reject, Accept |
| **NetworkFailoverDetection** | uint16 |  |  |  |  |  |
| Description | Specifies how network failures are to be detected.  |
| DisplayName | Network Failover Detection  |
| ValueMap | 0, 1, 2 |
| Values | Unset, LinkStatusOnly, BeaconProbing |
| **NotifySwitches** | uint16 |  |  |  |  |  |
| Description | If value is Yes, whenever a virtual NIC is connected to the vSwitch or whenever that virtual NIC's traffic is routed over a different physical NIC in the team because of a failover event, a notification is sent over the network to update the lookup tables on the physical switches.  |
| DisplayName | Notify Switches  |
| ValueMap | 0, 1, 2 |
| Values | Unset, Yes, No |
| **PeakBandwidth** | uint64 |  |  |  |  |  |
| Description | If Traffic Shaping is enabled, maximum allowed bandwidth (in bits per second).  |
| DisplayName | Peak Bandwidth  |
| **PromiscuousMode** | uint16 |  |  |  |  |  |
| Description | Whether the promiscuous mode is enabled for the connectivity.  |
| DisplayName | Promiscuous Mode  |
| ValueMap | 0, 1, 2 |
| Values | Unset, Reject, Accept |
| **TrafficShapingPolicy** | uint16 |  |  |  |  |  |
| Description | Whether traffic shaping (bandwidth throttling) is enabled.  |
| DisplayName | Traffic Shaping Policy  |
| ValueMap | 0, 1, 2 |
| Values | Unset, Enabled, Disabled |

## Inv\_UNIX\_VMware\_ESX\_Setting\_Data – STANDARD Class

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |
| **AutomaticShutdownAction** | uint16 |  |  |  |  |  |
| Description | Specifies what should happen (by default) to a virtual machine when the host is shutting down: Turn Off (hard power off), Save State (suspend) or Shutdown (ask guest to shut down).  |
| DisplayName | Automatic Shutdown Action  |
| ValueMap | 2, 3, 4 |
| Values | Turn Off, Save State, Shutdown |
| **AutomaticShutdownDelay** | uint32 |  |  |  |  |  |
| Description | Specifies the default amount of time (in seconds) that should be granted to the virtual machine to shutdown before the next machine shutdown is initiated.  |
| DisplayName | Automatic Shutdown Delay  |
| **AutomaticStartupDelay** | uint32 |  |  |  |  |  |
| Description | Specifies the default amount of time (in seconds) that should be granted to a virtual machine to startup before the next machine startup is initiated.  |
| DisplayName | Automatic Startup Delay  |
| **AutomaticStartupEnabled** | boolean |  |  |  |  |  |
| Description | Boolean flag indicating whether virtual machines are allowed to start during host startup.  |
| DisplayName | Automatic Startup Enabled  |
| **AutomaticStartupWaitForHeartbeat** | boolean |  |  |  |  |  |
| Description | Boolean flag indicating whether automatic startup of virtual machines should immediately continue (without waiting for the startup delay) if VMware tools heartbeat is received from the virtual machine.  |
| DisplayName | Automatic Startup Wait For Heartbeat  |
| **ServiceConsoleMemoryAmount** | uint64 |  |  |  |  |  |
| Description | Part of the total physical memory allocated to the Service Console part of the ESX Server (in megabytes). This is the effective value. Admin can configure a different value, which will become effective after host is rebooted.  |
| DisplayName | Service Console Memory Amount  |
| **SystemMemoryAmount** | uint64 |  |  |  |  |  |
| Description | Part of the VMkernel Memory (Physical Memory Service Console Memory) allocated for the actual VMkernel, device drivers, and the virtualization layer (in megabytes). This is the effective value; it may change after a reboot in case Admin changed the amount of memory allocated to Service Console.  |
| DisplayName | System Memory Amount  |
| **SystemUUID** | string(38) |  |  |  |  |  |
| Description | Unique identifier for the ESX Server installation.  |
| DisplayName | System UUID  |
| Key | true  |
| **VirtualMachinesMemoryAmount** | uint64 |  |  |  |  |  |
| Description | Part of VMkernel Memory (Physical Memory Service Console Memory) actually available for virtualization (in megabytes). This is the effective value; it may change after a reboot in case Admin changed the amount of memory allocated to Service Console.  |
| DisplayName | Virtual Machines Memory Amount  |
| **VMkernelUUID** | string(38) |  |  |  |  |  |
| Description | Identifier for the ESX Server VMkernel.  |
| DisplayName | VMkernel UUID  |

## Inv\_UNIX\_VMware\_ESX\_Storage\_Volume – STANDARD Class

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |
| **BlockSize** | uint64 |  |  |  |  |  |
| Description | Size of the file system block in bytes.  |
| DisplayName | Block Size  |
| **ConsolePath** | string(1024) |  |  |  |  |  |
| Description | Path to the storage on Service Console.  |
| DisplayName | Console Path  |
| **ElementName** | string(256) |  |  |  |  |  |
| Description | User-visible name of the storage volume.  |
| DisplayName | Element Name  |
| **FileSystemType** | uint16 |  |  |  |  |  |
| Description | Type of the file system used on the storage volume.  |
| DisplayName | File System Type  |
| ValueMap | 0, 1, 2 |
| Values | Unknown, VMFS, NFS |
| **FileSystemVersion** | string(64) |  |  |  |  |  |
| Description | Version of the file system used on the storage volume.  |
| DisplayName | File System Version  |
| **FreeBlocks** | uint64 |  |  |  |  |  |
| Description | Total amount of unused file system blocks on the storage volume.  |
| DisplayName | Free Blocks  |
| **FreeSize** | uint64 |  |  |  |  |  |
| Description | Indicates how much free space (in bytes) is left on the storage volume.  |
| DisplayName | Free Size  |
| **InstanceID** | string(256) |  |  |  |  |  |
| Description | Unique identifier of the storage within the computer.  |
| DisplayName | Instance ID  |
| Key | true  |
| **Name** | string(128) |  |  |  |  |  |
| Description | Unique identifier of the storage volume.  |
| DisplayName | Name  |
| **TotalBlocks** | uint64 |  |  |  |  |  |
| Description | Total amount of file system blocks available on the storage volume.  |
| DisplayName | Total Blocks  |
| **TotalSize** | uint64 |  |  |  |  |  |
| Description | Total size of the storage volume in bytes.  |
| DisplayName | Total Size  |

## Inv\_UNIX\_VMware\_ESX\_Standby\_Uplink – STANDARD Class

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |
| **FallbackOrder** | uint32 |  |  |  |  |  |
| Description | Comparable number which defines the order in which physical adapters will become active in case of a failover situation. Lower number shows that the physical network port will be used earlier.  |
| DisplayName | Fallback Order  |

## Inv\_UNIX\_VMware\_ESX\_VM\_kernel\_Network\_Port – STANDARD Class

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |
| **Gateway** | string(64) |  |  |  |  |  |
| Description | Default gateway for the VMkernel connections.  |
| DisplayName | Default Gateway  |
| **InstanceID** | string(256) |  |  |  |  |  |
| Description | Unique identifier of the port within the computer.  |
| DisplayName | Instance ID  |
| Key | true  |
| **IPAddress** | string(64) |  |  |  |  |  |
| Description | IP address assigned for the VMkernel virtual network interface.  |
| DisplayName | IP Address  |
| **MACAddress** | string(64) |  |  |  |  |  |
| Description | MAC address of the VMkernel virtual network adapter.  |
| DisplayName | MAC Address  |
| **Name** | string(128) |  |  |  |  |  |
| Description | Identifying name of the network port.  |
| DisplayName | Name  |
| **Netmask** | string(64) |  |  |  |  |  |
| Description | Mask defining the sub-net that VMkernel virtual network interface is connected to.  |
| DisplayName | Network Mask  |
| **VMotionEnabled** | boolean |  |  |  |  |  |
| Description | Whether the VMkernel network port supports the VMotion functionality.  |
| DisplayName | VMotion Enabled  |

## Inv\_UNIX\_VMware\_License\_Setting\_Data – STANDARD Class

|  |  |  |
| --- | --- | --- |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |
| **Edition** | string(128) |  |  |  |  |  |
| Description | Code name for the edition licensed for the ESX Server.  |
| DisplayName | Edition  |
| **Features** | string(1024) |  |  |  |  |  |
| Description | List of additional features licensed for the ESX Server.  |
| DisplayName | Features  |
| **InstanceID** | string(256) |  |  |  |  |  |
| Description | Unique identifier of the licensing settings on the computer.  |
| DisplayName | Instance ID  |
| Key | true  |
| **LicenseServer** | string(256) |  |  |  |  |  |
| Description | Host that is serving licenses to the ESX Server.  |
| DisplayName | License Server  |
| **LicenseServerPort** | uint16 |  |  |  |  |  |
| Description | Port on the host that is serving licenses to the ESX Server.  |
| DisplayName | License Server Port  |
| **LicenseSource** | uint16 |  |  |  |  |  |
| Description | Where the license for the VMware product is coming from.  |
| DisplayName | License Source  |
| ValueMap | 0, 1, 2, 3, 4 |
| Values | Unknown, None, File, Server, Evaluation |

### Inv\_UNIX\_Advanced\_Settings\_Define\_VMware\_ESX – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **AdvancedSetting** | Inv\_UNIX\_Advanced\_Settings\_Define\_VMware\_ESX | [Inv\_UNIX\_VMware\_ESX\_Advanced\_Configuration\_Data](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VMwareESXAdvancedConfigurationData.html) | An advanced option, which fine-tunes the VMware ESX Server configuration.  |
| **ConfigurationSettings** | Inv\_UNIX\_Advanced\_Settings\_Define\_VMware\_ESX | [Inv\_UNIX\_VMware\_ESX\_Setting\_Data](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VMwareESXSettingData.html) | Basic configuration of the VMware ESX Server installation.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_Allocation\_Defines\_Resource\_Pool – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **ResourceAllocation** | Inv\_UNIX\_Allocation\_Defines\_Resource\_Pool | [Inv\_UNIX\_Resource\_Allocation\_Setting\_Data](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_ResourceAllocationSettingData.html) | Information about the allocation for resource pool.  |
| **ResourcePool** | Altiris\_VM\_AllocationDefinesResourcePool | [Inv\_UNIX\_ResourcePool](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_ResourcePool.html) | Resource Pool provided by the Virtualization Product.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_Allocation\_Defines\_Virtual\_Logical\_Device –ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **ResourceAllocation** | Inv\_UNIX\_Allocation\_Defines\_Virtual\_Logical\_Device | [Inv\_UNIX\_Resource\_Allocation\_Setting\_Data](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_ResourceAllocationSettingData.html) | Information about allocated resources.  |
| **VirtualDevice** | Inv\_UNIX\_Allocation\_Defines\_Virtual\_Logical\_Device | [Inv\_UNIX\_Virtual\_Logical\_Device](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VirtualLogicalDevice.html) | Virtual logical device which the resources are allocated for. |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_Collection\_Connects\_To\_Switch\_Port – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **ConnectivityCollection** | Inv\_UNIX\_Collection\_Connects\_To\_Switch\_Port | [Inv\_UNIX\_Connectivity\_Collection](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_ConnectivityCollection.html) | Connectivity collection connected to the virtual switch.  |
| **SwitchPort** | Inv\_UNIX\_Collection\_Connects\_To\_Switch\_Port | [Inv\_UNIX\_Switch\_Port](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_SwitchPort.html) | Switch port that the collection is connected to.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_Concrete\_Virtual\_Component – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **ResourceAllocation** | Inv\_UNIX\_Concrete\_Virtual\_Component | [Inv\_UNIX\_Resource\_Allocation\_Setting\_Data](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_ResourceAllocationSettingData.html) | Information about allocated resources.  |
| **VirtualMachineConfiguration** | Inv\_UNIX\_Concrete\_Virtual\_Component | [Inv\_UNIX\_Virtual\_System\_Setting\_Data](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VirtualSystemSettingData.html) | Virtual machine configuration which defines resource allocation.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_Connected\_Virtual\_Logical\_Device – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **ConnectedDevice** | Inv\_UNIX\_Connected\_Virtual\_Logical\_Device | [Inv\_UNIX\_Virtual\_Logical\_Device](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VirtualLogicalDevice.html) | Virtual logical device which is connected to the host.  |
| **HostDevice** | Inv\_UNIX\_Connected\_Virtual\_Logical\_Device | [Inv\_UNIX\_Virtual\_Logical\_Device](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VirtualLogicalDevice.html) | Virtual logical device which another device is connected to.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_Hosted\_Dependency – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **Host** | Inv\_UNIX\_Hosted\_Dependency | [Inv\_UNIX\_Virtualization\_Provider](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VirtualizationProvider.html) | Virtualization Provider that hosts the virtual machine.  |
| **VirtualMachine** | Inv\_UNIX\_Hosted\_Dependency | [Inv\_UNIX\_Virtual\_Computer\_System](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VirtualComputerSystem.html) | Virtual Machine that is being hosted.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_Hosted\_Resource\_Pool – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **Host** | Inv\_UNIX\_Hosted\_Resource\_Pool | [Inv\_UNIX\_Virtualization\_Provider](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VirtualizationProvider.html) | Installation of the Virtualization Product that owns the pool.  |
| **ResourcePool** | Inv\_UNIX\_Hosted\_Resource\_Pool | [Inv\_UNIX\_Resource\_Pool](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_ResourcePool.html) | Resource Pool provided by the Virtualization Product.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_Hosted\_Switch\_Port – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **Host** | Inv\_UNIX\_Hosted\_Switch\_Port | [Inv\_UNIX\_Virtualization\_Provider](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VirtualizationProvider.html) | Virtualization Provider that provides the virtual switch port.  |
| **SwitchPort** | Inv\_UNIX\_Hosted\_Switch\_Port | [Inv\_UNIX\_Switch\_Port](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_SwitchPort.html) | Hosted virtual switch port.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_Hosted\_VMware\_ESX\_Storage\_Volume – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **Host** | Inv\_UNIX\_Hosted\_VMware\_ESX\_Storage\_Volume | [Inv\_UNIX\_Virtualization\_Provider](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VirtualizationProvider.html) | Virtualization Provider that provides the storage volume.  |
| **StorageVolume** | Inv\_UNIX\_Hosted\_VMware\_ESX\_Storage\_Volume | [Inv\_UNIX\_VMware\_ESX\_Storage\_Volume](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VMwareESXStorageVolume.html) | Hosted storage volume.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_Installed\_Virtualization\_Provider – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **SoftwareComponent** | Inv\_UNIX\_Installed\_Virtualization\_Provider | [Inv\_InstalledSoftware](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Inv_InstalledSoftware.html) | Installed software component that provides virtualization facilities.  |
| **VirtualizationProvider** | Inv\_UNIX\_Installed\_Virtualization\_Provider | [Inv\_UNIX\_Virtualization\_Provider](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VirtualizationProvider.html) | Virtualization provider available through a software component.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_License\_Settings\_Define\_VMware\_Product – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **Host** | Inv\_UNIX\_License\_Settings\_Define\_VMware\_Product | [Inv\_UNIX\_Virtualization\_Provider](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VirtualizationProvider.html) | Product to which the licensing settings apply.  |
| **LicensingSettings** | Inv\_UNIX\_License\_Settings\_Define\_VMware\_Product | [Inv\_UNIX\_VMware\_License\_Setting\_Data](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VMwareLicenseSettingData.html) | Licensing settings for the product.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_Resource\_Allocation\_From\_Connectivity\_Collection – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **ConnectivityCollection** | Inv\_UNIX\_Resource\_Allocation\_From\_Connectivity\_Collection | [Inv\_UNIX\_Connectivity\_Collection](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_ConnectivityCollection.html) | Connectivity collection which the resources are allocated from.  |
| **ResourceAllocation** | Inv\_UNIX\_Resource\_Allocation\_From\_Connectivity\_Collection | [Inv\_UNIX\_Resource\_Allocation\_Setting\_Data](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_ResourceAllocationSettingData.html) | Information about the resources allocated from pool.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_Resource\_Allocation\_From\_Logical\_Device – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **LogicalDevice** | Inv\_UNIX\_Resource\_Allocation\_From\_Logical\_Device | [Inv\_HW\_LogicalDevice](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_HW_LogicalDevice.html) | Logical device which the resources are allocated from.  |
| **ResourceAllocation** | Inv\_UNIX\_Resource\_Allocation\_From\_Logical\_Device | [Inv\_UNIX\_Resource\_Allocation\_Setting\_Data](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_ResourceAllocationSettingData.html) | Information about the allocated resources.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_Resource\_Allocation\_From\_Pool – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **ResourceAllocation** | Inv\_UNIX\_Resource\_Allocation\_From\_Pool | [Inv\_UNIX\_Resource\_Allocation\_Setting\_Data](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_ResourceAllocationSettingData.html) | Information about the resources allocated from pool.  |
| **ResourcePool** | Inv\_UNIX\_Resource\_Allocation\_From\_Pool | [Inv\_UNIX\_Resource\_Pool](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_ResourcePool.html) | Resource Pool which the resources are allocated from.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_Settings\_Define\_Virtual\_Computer\_System – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **ConfigurationSettings** | Inv\_UNIX\_Settings\_Define\_Virtual\_Computer\_System | [Inv\_UNIX\_Virtual\_System\_Setting\_Data](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VirtualSystemSettingData.html) | Active configuration settings for the virtual machine.  |
| **VirtualMachine** | Inv\_UNIX\_Settings\_Define\_Virtual\_Computer\_System | [Inv\_UNIX\_Virtual\_Computer\_System](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VirtualComputerSystem.html) | Virtual machine which the settings are meant for.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_Settings\_Define\_VMware\_ESX – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **ConfigurationSettings** | Inv\_UNIX\_Settings\_Define\_VMware\_ESX | [Inv\_UNIX\_VMware\_ESX\_Setting\_Data](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VMwareESXSettingData.html) | General configuration information for the VMware ESX Server installation.  |
| **Host** | Inv\_UNIX\_Settings\_Define\_VMware\_ESX | [Inv\_UNIX\_Virtualization\_Provider](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VirtualizationProvider.html) | VMware ESX Server installation which the configuration is applied to.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_Settings\_Derive\_From\_Snapshot – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **ConfigurationSettings** | Inv\_UNIX\_Settings\_Derive\_From\_Snapshot | [Inv\_UNIX\_Virtual\_System\_Setting\_Data](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VirtualSystemSettingData.html) | Settings for the virtual machine that are derived from the parent snapshot.  |
| **ParentSnapshot** | Inv\_UNIX\_Settings\_Derive\_From\_Snapshot | [Inv\_UNIX\_Virtual\_System\_Setting\_Data](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VirtualSystemSettingData.html) | Settings which serve as a base for some other settings of a virtual machine.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_Snapshot\_Of\_Virtual\_System – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **SettingsSnapshot** | Inv\_UNIX\_Snapshot\_Of\_Virtual\_System | [Inv\_UNIX\_Virtual\_System\_Setting\_Data](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VirtualSystemSettingData.html) | Settings for the virtual machine as well as some additional details about the snapshot.  |
| **VirtualMachine** | Inv\_UNIX\_Snapshot\_Of\_Virtual\_System | [Inv\_UNIX\_Virtual\_Computer\_System](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VirtualComputerSystem.html) | Virtual Machine which the snapshot was created for.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_Stored\_VMware\_ESX\_Virtual\_Computer\_System – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **StorageVolume** | Inv\_UNIX\_Stored\_VMware\_ESX\_Virtual\_Computer\_System | [Inv\_UNIX\_VMware\_ESX\_Storage\_Volume](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VMwareESXStorageVolume.html) | Storage volume where the virtual machine resides.  |
| **VirtualMachine** | Inv\_UNIX\_Stored\_VMware\_ESX\_Virtual\_Computer\_System | [Inv\_UNIX\_Virtual\_Computer\_System](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VirtualComputerSystem.html) | Virtual Machine, which data root is located on the storage volume.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_VMware\_ESX\_Connectivity\_Collection\_Uplink – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **ConnectivityCollection** | Inv\_UNIX\_VMware\_ESX\_Connectivity\_Collection\_Uplink | [Inv\_UNIX\_Connectivity\_Collection](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_ConnectivityCollection.html) | Virtual port group connected to a physical network port.  |
| **NetworkPort** | Inv\_UNIX\_VMware\_ESX\_Connectivity\_Collection\_Uplink | [Inv\_HW\_Logical\_Device](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_HW_LogicalDevice.html) | Physical network port that the switch is currently connected to.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_VMware\_ESX\_Network\_Policy\_Applies\_To\_Connectivity\_Collection – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **ConnectivityCollection** | Inv\_UNIX\_VMware\_ESX\_Network\_Policy\_Applies\_To\_Connectivity\_Collection | [Inv\_UNIX\_Connectivity\_Collection](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_ConnectivityCollection.html) | Virtual port group which the policy applies to.  |
| **NetworkPolicy** | Inv\_UNIX\_VMware\_ESX\_Network\_Policy\_Applies\_To\_Connectivity\_Collection | [Inv\_UNIX\_VMware\_ESX\_Network\_Policy](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VMwareESXNetworkPolicy.html) | Policy for the virtual port group.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_VMware\_ESX\_Network\_Policy\_Applies\_To\_Switch\_Port – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **NetworkPolicy** | Inv\_UNIX\_VMware\_ESX\_Network\_Policy\_Applies\_To\_Switch\_Port | [Inv\_UNIX\_VMware\_ESX\_Network\_Policy](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VMwareESXNetworkPolicy.html) | Policy for the virtual switch.  |
| **SwitchPort** | Inv\_UNIX\_VMware\_ESX\_Network\_Policy\_Applies\_To\_Switch\_Port | [Inv\_UNIX\_Switch\_Port](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_SwitchPort.html) | Virtual switch which the policy applies to.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_VMware\_ESX\_Service\_Console\_Connects\_To\_Collection – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **ConnectivityCollection** | Inv\_UNIX\_VMware\_ESX\_Service\_Console\_Connects\_To\_Collection | [Inv\_UNIX\_Connectivity\_Collection](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_ConnectivityCollection.html) | Connectivity collection where the Service Console network port is connected to.  |
| **ServiceConsoleConnection** | Inv\_UNIX\_VMware\_ESX\_Service\_Console\_Connects\_To\_Collection | [Inv\_AeX\_AC\_TCPIP](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Inv_AeX_AC_TCPIP.html) | Service console TCP/IPv4 configuration reported by Basic Inventory.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_VMware\_ESX\_Settings\_Define\_Resource\_Pool – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **ConfigurationSettings** | Inv\_UNIX\_VMware\_ESX\_Settings\_Define\_Resource\_Pool | [Inv\_UNIX\_VMware\_ESX\_Setting\_Data](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VMwareESXSettingData.html) | Configuration for the VMware ESX Server installation.  |
| **ResourcePool** | Inv\_UNIX\_VMware\_ESX\_Settings\_Define\_Resource\_Pool | [Inv\_UNIX\_Resource\_Pool](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_ResourcePool.html) | Resource Pool defined by the settings.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_VMware\_ESX\_Storage\_To\_Extent – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **StorageExtent** | Inv\_UNIX\_VMware\_ESX\_Storage\_To\_Extent | [Inv\_UNIX\_VMware\_ESX\_Storage\_Extent](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VMwareESXStorageExtent.html) | Storage extent that the volume consists of.  |
| **StorageVolume** | Inv\_UNIX\_VMware\_ESX\_Storage\_To\_Extent | [Inv\_UNIX\_VMware\_ESX\_Storage\_Volume](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VMwareESXStorageVolume.html) | Storage volume which consists of physical extents.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

### Inv\_UNIX\_VMware\_ESX\_VMkernel\_Connects\_To\_Collection – ASSOCIATION Class

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Class Origin** | **Reference Class** | **Description** |
| **ConnectivityCollection** | Inv\_UNIX\_VMware\_ESX\_VMkernel\_Connects\_To\_Collection | [Inv\_UNIX\_Connectivity\_Collection](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_ConnectivityCollection.html) | Port group where the VMkernel network is connected to.  |
| **VMkernelPort** | Inv\_UNIX\_VMware\_ESX\_VMkernel\_Connects\_To\_Collection | [Inv\_UNIX\_VMware\_ESX\_VMkernel\_Network\_Port](http://mydevelopment/Products/Document%20Library/Inventory%20Solution/Inventory%20Pack%20for%20Servers%20Data%20classes/dataclasses/Altiris_VM_VMwareESXVMkernelNetworkPort.html) | Virtual network port for the VMkernel.  |
| **Name** | **Data Type** | **Qualifiers** |
| **Name** | **Value** |
| **\_id** | bigint |  |  |  |  |  |
| Description | Column ID for entries in the table  |
| Key | true  |
| **\_ResourceGuid** | uniqueidentifier |  |  |  |  |  |
| Description | The reporting system’s GUID  |
| Key | true  |

# Conclusion

Because of the complexity of the Virtual Machine data, the data classes above are necessarily complex. Hopefully this provides a guide that will allow you to upgrade or implement Inventory Pack for Servers 7.5 armed with the necessary data to manage your reports, filters, or anything else based off of Detailed VM data.