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dwh_capacity

dwh_capacity.application_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this application row.
name	varchar(255)	true	Name of the application.
description	varchar(255)	true	Description of the application.
priority	varchar(255)	true	Priority of the application.
url	varchar(255)	true	Url to this application in Insight Server.
id	int(11)	true	GUID of the application in <code>dwh_inventory.application</code>.
latest	char(1)	true	Indicates whether this row is the latest one for this application.

Column	Type	Nullable	Description
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dateTk int(11) true TK of the date in which this application row was created.
References:

- tk in [dwh_capacity.date_dimension](#)

dwh_capacity.application_group_bridge

Column	Type	Nullable	Description
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appGroupTk int(11) true TK of the application group.
References:

- tk in [dwh_capacity.application_group_dimension](#)

appTk int(11) true TK of the application.
References:

- tk in [dwh_capacity.application_dimension](#)

isRep char(1) true Indicates whether this application represents its application group.

dwh_capacity.application_group_dimension

Column	Type	Nullable	Description
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tk int(11) true TK of the application group.

repApp varchar(255) true Name of the application representing the application group.

repAppTk int(11) true TK of the application representing the application group.
References:

- tk in [dwh_capacity.application_dimension](#)

cardinality smallint(6) true Number of applications in the application group.

dateTk int(11) true TK of the date in which the application group row was created.

Column	Type	Nullable	Description
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References:

- tk in [dwh_capacity.date_dimension](#)

dwh_capacity.business_entity_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this business entity row.
fullname	varchar(1024)	true	Name of the business entity.
tenant	varchar(255)	true	Name of the tenant.
lob	varchar(255)	true	Name of the line of business.
businessUnit	varchar(255)	true	Name of the business unit.
project	varchar(255)	true	Name of the project.
id	int(11)	true	GUID of the business entity in <code>dwh_inventory.annotation_value</code>.
latest	char(1)	true	Indicates whether this row is the latest one for this business entity.
dateTk	int(11)	true	TK of the date in which this business entity row was created. References: <ul style="list-style-type: none"> • tk in dwh_capacity.date_dimension

dwh_capacity.capacity_type

Capacity type dictionary.

Column	Type	Nullable	Description
type	enum('VM Used', 'Datastore Other')	true	Capacity at the datastore level that is not specified by SANscreen

Column	Type	Nullable	Description
	'Datastore Unused', 'Datastore Other')		(e.g., overhead attributed to different technologies). <code>Datastore Unused</code>: Capacity at the datastore level that is not used by any virtual disk. <code>VM Used</code>: Capacity of virtual disks that are used by virtual machines.
used	char(1)	true	Indicates capacity being used by hosts and applications.
vmSpecific	char(1)	true	Types used in vm_capacity_fact.
replicationSpecific	char(1)	true	Types used with protection/replication capacity.
description	varchar(255)	true	Description for this capacity type.

dwh_capacity.cardinals

Column	Type	Nullable	Description
digit	int(11)	true	A number between 0 and 99.

dwh_capacity.chargeback_fact

Fact provides platform for unified chargeback.

Column	Type	Nullable	Description
tk	int(11)	true	TK of the fact.
dateTk	int(11)	true	TK of the date. References: <ul style="list-style-type: none">• tk in dwh_capacity.date_dimension
storageTk	int(11)	true	TK of the storage where the capacity resides. References: <ul style="list-style-type: none">• tk in dwh_capacity.storage_dimension

Column	Type	Nullabile	Description
storagePoolTk	int(11)	true	TK of the storage pool where the capacity resides. References: <ul style="list-style-type: none">• tk in <u>dwh_capacity.storage_pool_dimension</u>
internalVolumeTk	int(11)	true	TK of the internal volume where the capacity resides. References: <ul style="list-style-type: none">• tk in <u>dwh_capacity.internal_volume_dimension</u>
qtreeTk	int(11)	true	TK of the qtree where the capacity resides. References: <ul style="list-style-type: none">• tk in <u>dwh_capacity.qtree_dimension</u>
hostTk	int(11)	true	TK of the host which represents the host group. References: <ul style="list-style-type: none">• tk in <u>dwh_capacity.host_dimension</u>
hostGroupTk	int(11)	true	TK of the host group. References: <ul style="list-style-type: none">• tk in <u>dwh_capacity.host_group_dimension</u>
applicationTk	int(11)	true	TK of the application. References: <ul style="list-style-type: none">• tk in <u>dwh_capacity.application_dimension</u>
applicationGroupTk	int(11)	true	TK of the application group. References: <ul style="list-style-type: none">• tk in <u>dwh_capacity.application_group_dimension</u>
tierTk	int(11)	true	TK of the tier.

Column	Type	Nullabe	Description
			<p>References:</p> <ul style="list-style-type: none"> • tk in dwh_capacity.tier_dimension
serviceLevelTk	int(11)	true	TK of the service level. References: <ul style="list-style-type: none">• tk in dwh_capacity.service_level_dimension
businessUnit	varchar(255)	true	Business Unit associated with the qtree.
businessEntityTk	int(11)	true	TK of the business entity. References: <ul style="list-style-type: none">• tk in dwh_capacity.business_entity_dimension
k8sNamespaceTk	int(11)	true	TK of the k8s namespace. References: <ul style="list-style-type: none">• tk in dwh_capacity.k8s_namespace_dimension
k8sNamespaceGroupTk	int(11)	true	TK of the k8s namespace group. References: <ul style="list-style-type: none">• tk in dwh_capacity.k8s_namespace_group_dimension
protectionType	varchar(255)	true	Specifies the protection type.
storageAccessType	enum('NAS', 'SAN', 'OTHER')	true	Describes how this capacity is being used. SAN for volumes or qtrees/internal volumes that have a volume on it, OTHER for cloud storages, NAS otherwise.
resourceName	varchar(255)	true	Name of the resource on which the capacity resides. N/A when resource type is VOLUME
resourceType	enum('VOLUME', 'QTREE',	true	Describes what capacities were aggregated to

Column	Type	Nullable	Description
	'INTERNAL_VOLUME', 'OBJECT')		obtain this capacity.
mappedByVM	char(1)	true	Indicates whether this resource is mapped from VM
virtualStorage	char(1)	true	Indicates whether this capacity is virtualized by a backend storage
provisionedCapacityMB	bigint(20)	true	Provisioned capacity.
usedCapacityMB	bigint(20)	true	Used capacity.

dwh_capacity.datastore_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this datastore row.
naturalKey	varchar(768)	true	Oid of the datastore.
name	varchar(512)	true	Name of the datastore.
moid	varchar(255)	true	Managed Object ID of the datastore.
virtualCenterIp	varchar(255)	true	IP address of virtual center of the datastore.
url	varchar(255)	true	Url to this datastore in Insight Server.
id	int(11)	true	GUID of the datastore in <code>dwh_inventory.hv_data_store</code>
latest	char(1)	true	Indicates whether this row is the latest one for this datastore.
dateTk	int(11)	true	TK of the date in which this datastore row was created. References:

Column	Type	Nullable	Description
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- tk in [dwh_capacity.date_dimension](#)

dwh_capacity.date_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of the date object.
fullDate	datetime	true	Date of the date object.
dayInMonth	tinyint(4)	true	Day of the month for the date object. The first day of the month has value 1.
dayInYear	smallint(6)	true	Day in year of the date object. The first day of the year has value 1.
dateYear	smallint(6)	true	Year of the date object.
yearLabel	char(4)	true	Year formatted as String
monthNum	tinyint(4)	true	Month of the date object. January has value 1.
monthLabel	char(7)	true	Month formatted as String
dayInWeekNum	tinyint(4)	true	Day of the week for the date object. Sunday has value 1.
quarter	tinyint(4)	true	Quarter of the date object. First quarter has value 1.
quarterLabel	char(7)	true	Quarter formatted as String
dayInQuarter	smallint(6)	true	Day in quarter of the date object. First day of the quarter has value 1.
repQuarter	tinyint(4)	true	Indicates whether this date is the first date available for its quarter.
repMonth	tinyint(4)	true	Indicates whether this date is the first date available for its month.

Column	Type	Nullable	Description
repWeek	tinyint(4)	true	Indicates whether this date is the first date available for its week.
repDay	tinyint(4)	true	Indicates whether this date is the first date available for its day.
repMonthOrLatest	tinyint(4)	true	Indicates whether this date is the repmonth or the latest. This flag is used by Datamarts which works on monthly reps. Only difference being for the current month it is the latest
sspFlag	tinyint(4)	true	Indicates whether this date is used in Storage and Storage Pool DataMart. It is true for month representatives and for the last number of days as defined in configuration.
latest	char(1)	true	Indicates whether this date is the last date available in the table.
future	char(1)	true	Indicates whether this date is a future date (projection) or regular one.

dwh_capacity.disk_group_capacity_fact

Fact describes disk group capacity and its usage.

Column	Type	Nullable	Description
tk	int(11)	true	TK of the fact.
dateTk	int(11)	true	TK of the date. References: <ul style="list-style-type: none">• tk in dwh_capacity.date_dimension
storageTk	int(11)	true	TK of the storage where the disk group resides. References: <ul style="list-style-type: none">• tk in dwh_capacity.storage_dimension
storagePoolTk	int(11)	true	TK of the storage pool where the disk group resides.

Column	Type	Nullable	Description
			<p>References:</p> <ul style="list-style-type: none"> • tk in <u>dwh_capacity.storage_pool_dimension</u>
diskGroupTk	int(11)	true	TK of the disk group.
			<p>References:</p> <ul style="list-style-type: none"> • tk in <u>dwh_capacity.disk_group_dimension</u>
capacityMB	bigint(20)	true	The usable capacity of the disk group.
usedCapacityMB	bigint(20)	true	The used capacity of the disk group.
physicalDiskCapacityMB	bigint(20)	true	The physical capacity of the disk group.

dwh_capacity.disk_group_capacity_future_fact

Disk Group Capacity DM (Future projections)

Column	Type	Nullable	Description
tk	int(11)	true	TK of the fact.
dateTk	int(11)	true	TK of the date dimension.
			<p>References:</p> <ul style="list-style-type: none"> • tk in <u>dwh_capacity.date_dimension</u>
storageTk	int(11)	true	TK of the storage where the capacity resides.
			<p>References:</p> <ul style="list-style-type: none"> • tk in <u>dwh_capacity.storage_dimension</u>
storagePoolTk	int(11)	true	TK of the storage pool where the capacity resides.
			<p>References:</p> <ul style="list-style-type: none"> • tk in <u>dwh_capacity.storage_pool_dimension</u>
diskGroupTk	int(11)	true	TK of the disk group where the capacity resides.
			<p>References:</p> <ul style="list-style-type: none"> • tk in <u>dwh_capacity.disk_group_dimension</u>

Column	Type	Nullable	Description
capacityMB	bigint(20)	true	Usable capacity of the disk group as reported by the storage-array in MB.
usedCapacityMB	bigint(20)	true	Used capacity of the disk group as reported by the storage-array in MB.

dwh_capacity.disk_group_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this disk group row.
name	varchar(255)	true	Name of the disk group.
identifier	varchar(768)	true	Identifier of the disk group.
vendorDiskGroupType	varchar(255)	true	Vendor type of the disk group.
diskType	varchar(255)	true	Type of disks in the disk group.
status	varchar(255)	true	Status of the disk group.
redundancy	varchar(255)	true	Redundancy of the disk group.
isVirtual	char(1)	true	Indicates whether the disk group is virtual.
vendorTier	varchar(255)	true	Vendor tier of the disk group.
id	int(11)	true	GUID of the disk group in <code><code>dwh_inventory.disk_group</code></code>
latest	char(1)	true	Indicates whether this row is the latest one for this disk group.
dateTk	int(11)	true	TK of the date in which this disk group row was created. References: <ul style="list-style-type: none">• tk in dwh_capacity.date_dimension

dwh_capacity.host_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this host row.
name	varchar(255)	true	Name of the host.
identifier	varchar(768)	true	Identifier of the device.
ip	varchar(255)	true	Comma separated list of IP addresses of the host.
os	varchar(255)	true	Operating system running on the host.
model	varchar(255)	true	Model number.
manufacturer	varchar(255)	true	Manufacturer of the host.
url	varchar(255)	true	Url to this host in Insight Server.
id	int(11)	true	GUID of the host in <code>dwh_inventory.host</code>.
latest	char(1)	true	Indicates whether this row is the latest one for this host.
dateTk	int(11)	true	TK of the date in which this host row was created. References: <ul style="list-style-type: none">• tk in dwh_capacity.date_dimension
dataCenter	varchar(255)	true	<code>Data_Center</code> annotation value assigned to the Host.

dwh_capacity.host_group_bridge

Column	Type	Nullable	Description
hostGroupTk	int(11)	true	TK of the host group. References: <ul style="list-style-type: none">• tk in dwh_capacity.host_group_dimension
hostTk	int(11)	true	TK of the host.

Column	Type	Nullable	Description
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References:

- tk in [dwh_capacity.host_dimension](#)

isRep	char(1)	true	Indicates whether this host represents its host group.
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dwh_capacity.host_group_dimension

Column	Type	Nullable	Description
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tk	int(11)	true	TK of the host group.
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repHost	varchar(255)	true	Name of the host representing the host group.
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repHostTk	int(11)	true	TK of the host representing the host group.
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References:

- tk in [dwh_capacity.host_dimension](#)

cardinality	smallint(6)	true	Number of hosts in the host group.
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dateTk	int(11)	true	TK of the date in which this host group row was created.
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References:

- tk in [dwh_capacity.date_dimension](#)

dwh_capacity.internal_volume_capacity_fact

Fact describes internal volume capacity and its usage.

Column	Type	Nullable	Description
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tk	int(11)	true	TK of the fact.
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dateTk	int(11)	true	TK of the date.
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References:

- tk in [dwh_capacity.date_dimension](#)

storageTk	int(11)	true	TK of the storage where the internal volume
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Column	Type	Nullabl e	Description
			<p>resides.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in dwh_capacity.storage_dimension
storagePoolTk	int(11)	true	<p>TK of the storage pool where the internal volume resides.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in dwh_capacity.storage_pool_dimension
internalVolumeTk	int(11)	true	<p>TK of the internal volume.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in dwh_capacity.internal_volume_dimension
virtualStorageTk	int(11)	true	<p>TK of the frontend array in case this is a virtual internal volume. Otherwise, the value is N/A.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in dwh_capacity.storage_dimension
tierTk	int(11)	true	<p>TK of the tier.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in dwh_capacity.tier_dimension
applicationTk	int(11)	true	<p>TK of the application.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in dwh_capacity.application_dimension
applicationGroupTk	int(11)	true	<p>TK of the application group.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in dwh_capacity.application_group_dimension
serviceLevelTk	int(11)	true	<p>TK of the service level.</p> <p>References:</p>

Column	Type	Nullabl e	Description
			<ul style="list-style-type: none"> • tk in <u>dwh_capacity.service_level_dimension</u>
businessUnit	varchar(255)	true	Business Unit associated with the internal volume.
businessEntityTk	int(11)	true	TK of the business entity. References: <ul style="list-style-type: none"> • tk in <u>dwh_capacity.business_entity_dimension</u>
k8sNamespaceTk	int(11)	true	TK of the k8s namespace. References: <ul style="list-style-type: none"> • tk in <u>dwh_capacity.k8s_namespace_dimension</u>
k8sNamespaceGroupTk	int(11)	true	TK of the k8s namespace group. References: <ul style="list-style-type: none"> • tk in <u>dwh_capacity.k8s_namespace_group_dimension</u>
storageAccessType	enum('NAS', 'SAN')	true	Describes how this internal volume is being used. SAN if it has a volume on it, NAS otherwise.
protectionType	varchar(255)	true	Specifies the protection type for this internal volume or N/A if it is not a replica.
allocatedCapacityMB	bigint(20)	true	Total allocated capacity on internal volume.
consumedCapacityMB	bigint(20)	true	Capacity consumed by this internal volume from storage pool.
usedCapacityMB	bigint(20)	true	Total used capacity on this internal volume.
dataUsedCapacityMB	bigint(20)	true	Used capacity on this internal volume without snapshot.
dataUnusedCapacityMB	bigint(20)	true	Capacity available for writing data on the internal

Column	Type	Nullable	Description
			volume.
snapshotAllocatedCapacityMB	bigint(20)	true	Capacity allocated for snapshots on this internal volume.
snapshotUsedCapacityMB	bigint(20)	true	Capacity used by snapshots on this internal volume.
totalCloneSavedCapacityMB	bigint(20)	true	Capacity which the clone internal volume shares with its source internal volume.
dedupeRatio	float	true	The dedupe compression ratio on this internal volume.
rawToUsableRatio	float	true	The ratio between disk raw capacity and usable capacity for the internal volume. Affected by the RAID level and other overheads.
snapshotCount	int(11)	true	Number of snapshots on this internal volume.
lastSnapshotTime	datetime	true	Time of the last snapshot.
compressionRatio	float	true	The compression ratio on this internal volume.

dwh_capacity.internal_volume_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this internal volume row.
name	varchar(255)	true	Name of the internal volume.
identifier	varchar(768)	true	Identifier of the internal volume.
storagePoolIdentifier	varchar(768)	true	Identifier of the storage pool where this internal volume resides.
storageName	varchar(255)	true	Name of the storage where this internal

Column	Type	Nullable	Description
			volume resides.
storageIP	varchar(255)	true	IP of the storage where this internal volume resides.
type	varchar(255)	true	internal volume type.
virtualStorage	varchar(255)	true	Specifies VirtualStorage(e.g.vFiler)
spaceGuarantee	varchar(255)	true	internal volume space guarantee.
thinProvisioningSupported	char(1)	true	is thin provisioning supported for the internal volume.
thinProvisioned	char(1)	true	is the internal volume thin provisioned.
uuid	varchar(255)	true	UUID of the internal volume.
flexGroupIdentifier	varchar(768)	true	FlexGroup identifier to which this internal volume belongs.
url	varchar(255)	true	Url to this internal volume in Insight Server.
id	int(11)	true	GUID of the internal volume in <code>dwh_inventory.internal_volume</code>
latest	char(1)	true	Indicates whether this row is the latest one for this internal volume.
dateTk	int(11)	true	TK of the date in which this internal volume row was created. References: <ul style="list-style-type: none">• tk in dwh_capacity.date_dimension

dwh_capacity.k8s_cluster_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this cluster row.
identifier	varchar(768)	true	unique identifier of the cluster.
name	varchar(255)	true	Name of the cluster.
id	int(11)	true	GUID of the cluster in <code>dwh_inventory.k8s_cluster</code>
latest	char(1)	true	Indicates whether this row is the latest one for this cluster.
dateTk	int(11)	true	TK of the date in which this cluster row was created. References: <ul style="list-style-type: none">• tk in dwh_capacity.date_dimension

dwh_capacity.k8s_namespace_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this namespace row.
identifier	varchar(768)	true	unique identifier of the namespace.
name	varchar(255)	true	Name of the namespace.
clusterName	varchar(255)	true	Cluster name of the namespace.
id	int(11)	true	GUID of the namespace in <code>dwh_inventory.k8s_namespace</code>
latest	char(1)	true	Indicates whether this row is the latest one for this namespace.
dateTk	int(11)	true	TK of the date in which this namespace row was created. References: <ul style="list-style-type: none">• tk in dwh_capacity.date_dimension

dwh_capacity.k8s_namespace_group_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of the k8s namespace group.
repK8sNamespace	varchar(255)	true	Name of the application representing the k8s namespace group.
repK8sNamespaceTk	int(11)	true	TK of the k8s namespace representing the group.
cardinality	smallint(6)	true	Number of k8s namespaces in the application group.
dateTk	int(11)	true	TK of the date in which the k8s namespace group row was created. References: <ul style="list-style-type: none">• tk in dwh_capacity.date_dimension

dwh_capacity.k8s_node_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this node row.
identifier	varchar(768)	true	unique identifier of the node.
name	varchar(255)	true	Name of the node.
clusterName	varchar(255)	true	Cluster name of the node.
id	int(11)	true	GUID of the node in <code>dwh_inventory.k8s_node</code>
latest	char(1)	true	Indicates whether this row is the latest one for this node.
dateTk	int(11)	true	TK of the date in which this node row was created. References: <ul style="list-style-type: none">• tk in dwh_capacity.date_dimension

dwh_capacity.qtree_capacity_fact

Fact describes qtree capacity and its usage.

Column	Type	Nullable	Description
tk	int(11)	true	TK of the fact.
dateTk	int(11)	true	TK of the date. References: <ul style="list-style-type: none">• tk in dwh_capacity.date_dimension
storageTk	int(11)	true	TK of the storage where the qtree resides. References: <ul style="list-style-type: none">• tk in dwh_capacity.storage_dimension
storagePoolTk	int(11)	true	TK of the storage pool where the qtree resides. References: <ul style="list-style-type: none">• tk in dwh_capacity.storage_pool_dimension
internalVolumeTk	int(11)	true	TK of the internal volume where the qtree resides. References: <ul style="list-style-type: none">• tk in dwh_capacity.internal_volume_dimension
qtreeTk	int(11)	true	TK of the qtree. References: <ul style="list-style-type: none">• tk in dwh_capacity.qtree_dimension
virtualStorageTk	int(11)	true	TK of the frontend array in case this qtree is on virtual internal volume. Otherwise, the value is N/A. References: <ul style="list-style-type: none">• tk in dwh_capacity.storage_dimension
tierTk	int(11)	true	TK of the tier.

Column	Type	Nullable	Description
			References: <ul style="list-style-type: none">• tk in dwh_capacity.tier_dimension
serviceLevelTk	int(11)	true	TK of the service level. References: <ul style="list-style-type: none">• tk in dwh_capacity.service_level_dimension
applicationTk	int(11)	true	TK of the application. References: <ul style="list-style-type: none">• tk in dwh_capacity.application_dimension
applicationGroupTk	int(11)	true	TK of the application group. References: <ul style="list-style-type: none">• tk in dwh_capacity.application_group_dimension
businessUnit	varchar(255)	true	Business Unit associated with the qtree.
businessEntityTk	int(11)	true	TK of the business entity. References: <ul style="list-style-type: none">• tk in dwh_capacity.business_entity_dimension
k8sNamespaceTk	int(11)	true	TK of the k8s namespace. References: <ul style="list-style-type: none">• tk in dwh_capacity.k8s_namespace_dimension
k8sNamespaceGroupTk	int(11)	true	TK of the k8s namespace group. References:

Column	Type	Nullable	Description
			<ul style="list-style-type: none"> • tk in <u>dwh_capacity.k8s_namespace_group_dimension</u>
storageAccessTy pe	enum('NAS', 'SAN')	true	Describes how this qtree is being used. SAN if it has a volume on it, NAS otherwise.
protectionType	varchar(255)	true	Specifies the protection type for this capacity or N/A if it is not a replica.
hardLimitCapacit yMB	bigint(20)	true	The disk space limit imposed on this qtree by a quota. When exceeded, data cannot be written.
softLimitCapacit yMB	bigint(20)	true	The disk space limit imposed on this qtree by a quota. When exceeded, a warning is issued but data can still be written.
usedCapacityMB	bigint(20)	true	Capacity used towards the hard and soft capacity limit set on the quota.
rawToUsableRati o	float	true	The ratio between disk raw capacity and usable capacity for the qtree. Affected by the RAID level and other overheads.
missingQuotaLi mits	enum('NO_LIMITS_MIS SING', 'HARD_LIMIT_MISSING', 'SOFT_LIMIT_MISSING', 'HARD_AND_SOFT_LIMIT _MISSING')	true	Indicates which of the hard and soft limits were missing and initialized with default values.

dwh_capacity.qtree_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this qtree row.
name	varchar(255)	true	Name of the qtree.

Column	Type	Nullable	Description
identifier	varchar(768)	true	Identifier of the qtree.
storageIdentifier	varchar(768)	true	Identifier of the storage where this qtree resides.
type	enum('DEFAULT', 'EXPLICIT')	true	Qtree type.
url	varchar(255)	true	Url to this qtree in Insight Server.
id	int(11)	true	GUID of the qtree in <code>dwh_inventory.qtree</code>
latest	char(1)	true	Indicates whether this row is the latest one for this qtree.
dateTk	int(11)	true	TK of the date in which this qtree row was created. References: <ul style="list-style-type: none">• tk in dwh_capacity.date_dimension

dwh_capacity.service_level_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this service level row.
name	varchar(255)	true	Identifying name for the service level.
sequence	int(11)	true	Sequencial number of the service level as defined in <code>dwh_inventory.annotation_value</code>.
cost	double	true	Cost associated with this service level.
id	int(11)	true	GUID of the service level in <code>dwh_inventory.annotation_value</code>.
latest	char(1)	true	Indicates whether this row is the latest one for this service level.
dateTk	int(11)	true	TK of the date in which this service level row was created. References:

Column	Type	Nullable	Description
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- tk in [dwh_capacity.date_dimension](#)

dwh_capacity.sp_time_to_fill

Column	Type	Nullable	Description
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saspFactTk	int(11)	true	TK of the storage and storage pool fact. References:
			<ul style="list-style-type: none"> • tk in dwh_capacity.storage_and_storage_pool_capacity_fact
daysToStoragePoolFull	int(11)	true	No of Days for the UsedCapacity to be equal to the Capacity
dateAtStoragePoolFull	datetime	true	Date At which the UsedCapacity would be equal to the Capacity

dwh_capacity.storage_and_storage_pool_capacity_fact

Storage and Storage Pool Capacity DM

Column	Type	Nullable	Description
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tk	int(11)	true	TK of the fact.
dateTk	int(11)	true	TK of the date dimension. References:
			<ul style="list-style-type: none"> • tk in dwh_capacity.date_dimension
storagePoolTk	int(11)	true	TK of the storage pool where the capacity resides. References:
			<ul style="list-style-type: none"> • tk in dwh_capacity.storage_pool_dimensions

Column	Type	Nullable	Description
			<u>on</u>
storageTk	int(11)	true	TK of the storage where the capacity resides. References: <ul style="list-style-type: none">• tk in <u>dwh_capacity.storage_dimension</u>
tierTk	int(11)	true	TK of the tier. References: <ul style="list-style-type: none">• tk in <u>dwh_capacity.tier_dimension</u>
backend	char(1)	true	True when StoragePool is backend
isVirtual	char(1)	true	True when StoragePool is virtual
capacityMB	bigint(20)	true	Capacity allocated for a storage-pool as reported by the storage-array in MB.
rawCapacityMB	bigint(20)	true	capacity * rawToUsableRatio
usedCapacityMB	bigint(20)	true	Capacity used in a storage-pool as reported by the storage-array in MB.
usedRawCapacityMB	bigint(20)	true	usedCapacity * rawToUsableRatio
snapshotUsedCapacityMB	bigint(20)	true	Capacity used for storage-pool level snapshots in MB
snapshotUsedRawCapacityMB	bigint(20)	true	snapshotUsedCapacityMB * rawToUsableRatio
softLimitCapacityMB	bigint(20)	true	Capacity limit for storage pool thin provisioning in MB.
unconfiguredRawCapacityMB	bigint(20)	true	Unconfigured raw capacity of the storage (includes failed, spare and unused disks) in MB.

Column	Type	Nullable	Description
spareRawCapacityMB	bigint(20)	true	Raw capacity of spare disks in MB.
failedRawCapacityMB	bigint(20)	true	Raw capacity of failed disks in MB.
volumeCapacityMB	bigint(20)	true	Provisioned capacity of all volumes on this storage pool in MB.
unusedVolumeCapacityMB	bigint(20)	true	Provisioned capacity of unused volumes on this storage pool in MB.
volumeConsumedCapacityMB	bigint(20)	true	Physical capacity consumed by volumes on this storage pool in MB.
mappedVolumeCapacityMB	bigint(20)	true	Provisioned capacity of mapped volumes on this storage pool in MB.
maskedVolumeCapacityMB	bigint(20)	true	Provisioned capacity of masked volumes on this storage pool in MB.
internalVolumeAllocatedCapacityMB	bigint(20)	true	Total allocated capacity of internal volumes on this storage pool in MB.
internalVolumeUsedCapacityMB	bigint(20)	true	Total used capacity of internal volumes on this storage pool in MB.
internalVolumeConsumedCapacityMB	bigint(20)	true	Capacity consumed by internal volumes on this storage pool in MB.
dedupeRatio	float	true	The deduplication ratio on this storage pool
compressionRatio	float	true	The compression ratio on this storage pool
compactionRatio	float	true	The compaction ratio on this storage pool

dwh_capacity.storage_and_storage_pool_capacity_future_fact

Storage and Storage Pool Capacity DM (Future projections)

Column	Type	Nullable	Description
tk	int(11)	true	TK of the fact.
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none">• tk in dwh_capacity.date_dimension
storagePoolTk	int(11)	true	TK of the storage pool where the capacity resides. References: <ul style="list-style-type: none">• tk in dwh_capacity.storage_pool_dimension
storageTk	int(11)	true	TK of the storage where the capacity resides. References: <ul style="list-style-type: none">• tk in dwh_capacity.storage_dimension
tierTk	int(11)	true	TK of the tier. References: <ul style="list-style-type: none">• tk in dwh_capacity.tier_dimension
backend	char(1)	true	True when StoragePool is backend
isVirtual	char(1)	true	True when StoragePool is virtual
capacityMB	bigint(20)	true	Capacity allocated for a storage-pool as reported by the storage-array in MB.
rawCapacityMB	bigint(20)	true	capacity * rawToUsableRatio
usedCapacityMB	bigint(20)	true	Capacity used in a storage-pool as reported by the storage-array in MB.
usedRawCapacityMB	bigint(20)	true	usedCapacity * rawToUsableRatio

dwh_capacity.storage_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this storage array row.

Column	Type	Nullable	Description
name	varchar(255)	true	Name of the storage array.
identifier	varchar(768)	true	Identifier of the device.
ip	varchar(255)	true	IP address of the storage array.
model	varchar(255)	true	Model of the storage array.
manufacturer	varchar(255)	true	Manufacturer of the storage array.
serialNumber	varchar(255)	true	Serial number for the storage array.
microcodeVersion	varchar(255)	true	Version of the firmware running on the storage array.
family	varchar(255)	true	Family name of the storage array (e.g. Clariion, Symmetrix etc).
url	varchar(255)	true	Url to this storage in Insight Server.
id	int(11)	true	GUID of the storage array in <code>dwh_inventory.storage</code>.
latest	char(1)	true	Indicates whether this row is the latest one for this storage.
dateTk	int(11)	true	TK of the date in which this stroage array row was created. References: <ul style="list-style-type: none">• tk in dwh_capacity.date_dimension
dataCenter	varchar(255)	true	<code>Data_Center</code> annotation value assigned to the Storage.

dwh_capacity.storage_pool_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this storage pool row.

Column	Type	Nullable	Description
identifier	varchar(768)	true	Identifier of the device.
name	varchar(255)	true	Name of the storage pool.
storageName	varchar(255)	true	Name of the storage where this storage pool resides.
storageIP	varchar(255)	true	IP of the storage where this storage pool resides.
type	varchar(255)	true	Storage pool type (e.g., RAID, AGGREGATE, etc.).
redundancy	varchar(255)	true	Storage pool redundancy.
thinProvisioningSupported	char(1)	true	Indicates whether thin provisioning is supported by the storage pool.
isVirtual	char(1)	true	Virtual indicates this is a frontend storage pool in array virtualization.
usesFlashPools	char(1)	true	Indicates whether this storage pool uses flash pools.
url	varchar(255)	true	Url to this storage pool in Insight Server.
id	int(11)	true	GUID of the storage pool in <code><code>dwh_inventory.storage_pool</code></code>
latest	char(1)	true	Indicates whether this row is the latest one for this storage pool.
dateTk	int(11)	true	TK of the date in which this storage pool row was created. References: <ul style="list-style-type: none">• tk in dwh_capacity.date_dimension

dwh_capacity.tier_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this tier row.
name	varchar(255)	true	Identifying name for the tier.
sequence	int(11)	true	Sequential number of the tier as defined in <code>dwh_inventory.annotation_value</code>.
cost	double	true	Cost associated with this tier.
id	int(11)	true	GUID of the tier in <code>dwh_inventory.annotation_value</code>.
latest	char(1)	true	Indicates whether this row is the latest one for this tier.
dateTk	int(11)	true	TK of the date in which this tier row was created. References: <ul style="list-style-type: none">• tk in dwh_capacity.date_dimension

dwh_capacity.vm_capacity_fact

Fact describes VM capacity usage.

Column	Type	Nullable	Description
tk	int(11)	true	TK of the fact.
dateTk	int(11)	true	TK of the date. References: <ul style="list-style-type: none">• tk in dwh_capacity.date_dimension
hostTk	int(11)	true	TK of the host which represents the host group. References: <ul style="list-style-type: none">• tk in dwh_capacity.host_dimension
storageTk	int(11)	true	TK of the storage where the capacity resides. References: <ul style="list-style-type: none">• tk in dwh_capacity.storage_dimension

Column	Type	Nullabl e	Description
virtualStorageTk	int(11)	true	TK of the frontend array in case the capacity is on a backend array. Otherwise, the value is N/A. References: <ul style="list-style-type: none">• tk in dwh_capacity.storage_dimension
internalVolumeTk	int(11)	true	TK of the internal volume where the capacity resides. References: <ul style="list-style-type: none">• tk in dwh_capacity.internal_volume_dimension
qtreeTk	int(11)	true	TK of the qtree where the capacity resides. References: <ul style="list-style-type: none">• tk in dwh_capacity.qtree_dimension
hostGroupTk	int(11)	true	TK of the host group. References: <ul style="list-style-type: none">• tk in dwh_capacity.host_group_dimension
applicationTk	int(11)	true	TK of the application which represents the application group. References: <ul style="list-style-type: none">• tk in dwh_capacity.application_dimension
applicationGroupTk	int(11)	true	TK of the application group. References: <ul style="list-style-type: none">• tk in dwh_capacity.application_group_dimension
tierTk	int(11)	true	TK of the tier. References: <ul style="list-style-type: none">• tk in dwh_capacity.tier_dimension
serviceLevelTk	int(11)	true	TK of the service level. References: <ul style="list-style-type: none">• tk in dwh_capacity.service_level_dimension

Column	Type	Nullabl e	Description
vmTk	int(11)	true	TK of the virtual machine. References: <ul style="list-style-type: none">• tk in dwh_capacity.vm_dimension
dataStoreTk	int(11)	true	TK of the datastore. References: <ul style="list-style-type: none">• tk in dwh_capacity.datastore_dimension
dataStoreName	varchar(512)	true	Name of the data-store containing the capacity.
dataStoreId	int(11)	true	GUID of the data-store in <code>dwh_inventory.host</code> - set to null when the data-store is removed from the inventory. References: <ul style="list-style-type: none">• id in dwh_inventory.hv_data_store
virtualCenterIp	varchar(255)	true	Virtual center IP.
businessUnit	varchar(255)	true	Business Unit associated with the capacity.
businessEntityTk	int(11)	true	TK of the business entity. References: <ul style="list-style-type: none">• tk in dwh_capacity.business_entity_dimension
k8sNodeTk	int(11)	true	TK of the k8s node. References: <ul style="list-style-type: none">• tk in dwh_capacity.k8s_node_dimension
storageAccessType	enum('SAN', 'NAS', 'UNKNOWN')	true	Type of access to the storage. Possible values are: NAS, SAN or UNKNOWN.
capacityType	enum('VM Used', 'Datastore Unused',	true	Identifies the usage of the capacity - every bit of data- store capacity has exactly one usage at a specific time. References:

Column	Type	Nullable	Description
	'Datastore Other')		<ul style="list-style-type: none"> • type in dwh_capacity.capacity_type
actualMB	bigint(20)	true	The amount of data-store capacity being used (or RDM virtual disk). This measurement ignores savings done in the backend storage using thin-provisioning and deduplication.
provisionedMB	bigint(20)	true	The amount of capacity that was allocated for a VM. This measurement includes VMDKs and other VM related files.

dwh_capacity.vm_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this virtual machine row.
name	varchar(255)	true	Name of the virtual machine.
naturalKey	varchar(768)	true	Natural identifier of the virtual machine.
os	varchar(255)	true	Guest operating system.
virtualCenterIp	varchar(255)	true	IP address of virtual center of the virtual machine.
ips	varchar(4096)	true	Comma separated list of IP addresses of the virtual machine.
url	varchar(255)	true	Url to this virtual machine in Insight Server.
id	int(11)	true	GUID of the virtual machine in <code><code>dwh_inventory.hv_virtual_machine</code></code>
latest	char(1)	true	Indicates whether this row is the latest one for this virtual machine.
dateTk	int(11)	true	TK of the date in which this virtual machine row was created.

Column	Type	Nullable	Description
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References:

- tk in [dwh_capacity.date_dimension](#)

dwh_capacity.volume_capacity_fact

Column	Type	Nullable	Description
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volumeTk int(11) true TK of the volume where the capacity resides.

References:

- tk in [dwh_capacity.volume_dimension](#)

chargebackFactTk int(11) true TK of the chargeback fact row where the volume capacity is counted.

References:

- tk in [dwh_capacity.chargeback_fact](#)

storageAndSpFactTk int(11) true TK of the storage and storage pool capacity fact row where the volume capacity is counted.

References:

- tk in [dwh_capacity.storage_and_storage_pool_capacity_fact](#)

hostTk int(11) true TK of the host which represents the host group.

References:

- tk in [dwh_capacity.host_dimension](#)

storageTk int(11) true TK of the storage where the capacity resides.

References:

- tk in [dwh_capacity.storage_dimension](#)

hostGroupTk int(11) true TK of the host group.

References:

- tk in [dwh_capacity.host_group_dimension](#)

Column	Type	Nullable	Description
tierTk	int(11)	true	TK of the tier. References: <ul style="list-style-type: none">• tk in dwh_capacity.tier_dimension
serviceLevelTk	int(11)	true	TK of the service level. References: <ul style="list-style-type: none">• tk in dwh_capacity.service_level_dimension
storagePoolTk	int(11)	true	TK of the storage pool where the capacity resides. References: <ul style="list-style-type: none">• tk in dwh_capacity.storage_pool_dimension
internalVolumeTk	int(11)	true	TK of the internal volume where the capacity resides. References: <ul style="list-style-type: none">• tk in dwh_capacity.internal_volume_dimension
qtreeTk	int(11)	true	TK of the qtree where the capacity resides. References: <ul style="list-style-type: none">• tk in dwh_capacity.qtree_dimension
k8sNamespaceGroupTk	int(11)	true	TK of the k8s namespace group.
isVirtual	char(1)	true	Specifies whether this capacity is on virtual storage pool.
isBackend	char(1)	true	Specifies whether this capacity is on backend storage pool.
protectionType	varchar(255)	true	Specifies the protection type for this capacity or N/A if it is not a replica.
isAccessed	char(1)	true	Specifies whether this volume is accessed by host.
isOrphaned	char(1)	true	Specifies whether this volume is masked but does not have active path to it.
isProtection	char(1)	true	Specifies whether this volume is used for replication.

Column	Type	Nullable	Description
isUnused	char(1)	true	Specifies whether this volume is not accessed by hosts.
provisionedCapacityMB	bigint(20)	true	Provisioned capacity of volumes in MB.
accessedCapacityMB	bigint(20)	true	Provisioned capacity of volumes that are accessed by hosts in MB.
orphanedCapacityMB	bigint(20)	true	Provisioned capacity of volumes that are masked but do not have active path to them in MB.
protectionCapacityMB	bigint(20)	true	Provisioned capacity of volumes that are used for replication in MB.
unusedCapacityMB	bigint(20)	true	Provisioned capacity of volumes that are not accessed by hosts in MB.
daysSinceLastAccessed	int(11)	true	Number of days passed since the volume was accessed for read or write.

dwh_capacity.volume_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this volume row.
storageIdentifier	varchar(768)	true	Identifier of the volume storage.
name	varchar(255)	true	Name of the volume.
label	varchar(255)	true	Label of the volume.
thinProvisioned	char(1)	true	Is volume thin provisioned?
type	varchar(255)	true	type of the volume.
isVirtual	char(1)	true	Is volume a virtual volume?
meta	char(1)	true	Is volume a meta volume?

Column	Type	Nullable	Description
snapshot	char(1)	true	Indicates whether this volume is a snapshot volume.
technologyType	enum('FC', 'ISCSI', 'UNKNOWN')	true	Specifies the technology type (FC/ISCSI/UNKNOWN).
uuid	varchar(255)	true	UUID of the volume.
isMainframe	char(1)	true	Is Mainframe volume?
url	varchar(255)	true	Url to this volume in Insight Server.
id	int(11)	true	GUID of the volume in <code>dwh_inventory.volume</code>
latest	char(1)	true	Indicates whether this row is the latest one for this volume.
dateTk	int(11)	true	TK of the date in which this volume row was created. References: <ul style="list-style-type: none">• tk in dwh_capacity.date_dimension

dwh_capacity.volume_fact_current

Volumes usage table (for non-VM volumes only).

Column	Type	Nullable	Description
chargebackFactTk	int(11)	true	TK of the chargeback fact row where the volume capacity is counted. References: <ul style="list-style-type: none">• tk in dwh_capacity.chargeback_fact
volumId	int(11)	true	GUID of the volume as appears in inventory References: <ul style="list-style-type: none">• id in dwh_inventory.volume

Column	Type	Nullable	Description
storageId	int(11)	true	GUID of the storage where this volume resides, as appears in the inventory References: <ul style="list-style-type: none">• id in <code>dwh_inventory.storage</code>
volumeName	varchar(255)	true	Name of the volume
volumeType	varchar(255)	true	Vendor-specific type of volume (e.g., SFS, BCV).
thinProvisioned	char(1)	true	Indicates whether this volume is thin provisioned.
isVirtual	char(1)	true	Indicates whether this volume is a virtual volume.
snapshot	char(1)	true	Indicates whether this volume is a snapshot volume.
technologyType	enum('FC', 'ISCSI', 'UNKNOWN')	true	Specifies the technology type (FC/ISCSI/UNKNOWN).
physicalUsableMB	bigint(20)	true	The amount of volume usable capacity that is consumed from the storage and is counted in the fact row, in MB.
physicalRawMB	bigint(20)	true	The amount of volume raw capacity that is consumed from the storage and is counted in the fact row, in MB.
provisionedUsableMB	bigint(20)	true	The amount of volume usable capacity that is provisioned to hosts/users counted in the fact row, in MB.
provisionedRawMB	bigint(20)	true	The amount of volume raw capacity that is provisioned to hosts/users counted in the fact row, in MB.

`dwh_capacity.volume_history_capacity_fact`

Fact describes volume capacities and their usage.

Column	Type	Nullable	Description
tk	int(11)	true	TK of the fact.
dateTk	int(11)	true	TK of the date. References: <ul style="list-style-type: none">• tk in dwh_capacity.date_dimension
volumeTk	int(11)	true	TK of the volume where the capacity resides. References: <ul style="list-style-type: none">• tk in dwh_capacity.volume_dimension
chargebackFactTk	int(11)	true	TK of the chargeback fact row where the volume capacity is counted. References: <ul style="list-style-type: none">• tk in dwh_capacity.chargeback_fact
storageAndSpFactTk	int(11)	true	TK of the storage and storage pool capacity fact row where the volume capacity is counted. References: <ul style="list-style-type: none">• tk in dwh_capacity.storage_and_storage_pool_capacity_fact
hostTk	int(11)	true	TK of the host which represents the host group. References: <ul style="list-style-type: none">• tk in dwh_capacity.host_dimension
storageTk	int(11)	true	TK of the storage where the capacity resides. References: <ul style="list-style-type: none">• tk in dwh_capacity.storage_dimension
hostGroupTk	int(11)	true	TK of the host group. References: <ul style="list-style-type: none">• tk in dwh_capacity.host_group_dimension
tierTk	int(11)	true	TK of the tier. References:

Column	Type	Nullable	Description
			<ul style="list-style-type: none"> • tk in dwh_capacity.tier_dimension
serviceLevelTk	int(11)	true	TK of the service level. References: <ul style="list-style-type: none"> • tk in dwh_capacity.service_level_dimension
storagePoolTk	int(11)	true	TK of the storage pool where the capacity resides. References: <ul style="list-style-type: none"> • tk in dwh_capacity.storage_pool_dimension
internalVolumeTk	int(11)	true	TK of the internal volume where the capacity resides. References: <ul style="list-style-type: none"> • tk in dwh_capacity.internal_volume_dimension
qtreeTk	int(11)	true	TK of the qtree where the capacity resides. References: <ul style="list-style-type: none"> • tk in dwh_capacity.qtree_dimension
k8sNamespaceGroupTk	int(11)	true	TK of the k8s namespace group.
isVirtual	char(1)	true	Specifies whether this capacity is on virtual storage pool.
isBackend	char(1)	true	Specifies whether this capacity is on backend storage pool.
protectionType	varchar(255)	true	Specifies the protection type for this capacity or N/A if it is not a replica.
isAccessed	char(1)	true	Specifies whether this volume is accessed by host.
isOrphaned	char(1)	true	Specifies whether this volume is masked but does not have active path to it.
isProtection	char(1)	true	Specifies whether this volume is used for replication.
isUnused	char(1)	true	Specifies whether this volume is not accessed by hosts.

Column	Type	Nullable	Description
isMasked	char(1)	true	Specifies whether this volume is masked.
isMapped	char(1)	true	Specifies whether this volume is mapped.
provisionedCapacityMB	bigint(20)	true	Provisioned capacity of volumes in MB.
accessedCapacityMB	bigint(20)	true	Provisioned capacity of volumes that are accessed by hosts in MB.
orphanedCapacityMB	bigint(20)	true	Provisioned capacity of volumes that are masked but do not have active path to them in MB.
protectionCapacityMB	bigint(20)	true	Provisioned capacity of volumes that are used for replication in MB.
unusedCapacityMB	bigint(20)	true	Provisioned capacity of volumes that are not accessed by hosts in MB.
consumedCapacityMB	bigint(20)	true	Consumed capacity of volumes in MB.
daysSinceLastAccessed	int(11)	true	Number of days passed since the volume was accessed for read or write.

dwh_capacity.volume_last_accessed_time

Track last access time for volumes

Column	Type	Nullable	Description
volumId	int(11)	true	Volume Id References: <ul style="list-style-type: none">• id in dwh_inventory.volume
lastAccessed	datetime	true	Last time when the volume was accessed

dwh_capacity_efficiency

dwh_capacity_efficiency.date_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of the date object.
fullDate	datetime	true	Date of the date object.
dayInMonth	tinyint(4)	true	Day of the month for the date object. The first day of the month has value 1.
dayInYear	smallint(6)	true	Day in year of the date object. The first day of the year has value 1.
dateYear	smallint(6)	true	Year of the date object.
yearLabel	char(4)	true	Year formatted as String
monthNum	tinyint(4)	true	Month of the date object. January has value 1.
monthLabel	char(7)	true	Month formatted as String
dayInWeekNum	tinyint(4)	true	Day of the week for the date object. Sunday has value 1.
quarter	tinyint(4)	true	Quarter of the date object. First quarter has value 1.
quarterLabel	char(7)	true	Quarter formatted as String
dayInQuarter	smallint(6)	true	Day in quarter of the date object. First day of the quarter has value 1.
repQuarter	tinyint(4)	true	Indicates whether this date is the first date available for its quarter.
repMonth	tinyint(4)	true	Indicates whether this date is the first date available for its month.
repWeek	tinyint(4)	true	Indicates whether this date is the first date available for its week.
repDay	tinyint(4)	true	Indicates whether this date is the first date available for

Column	Type	Nullable	Description
			its day.
repMonthOrLatest	tinyint(4)	true	Indicates whether this date is the repmonth or the latest. This flag is used by Datamarts which works on monthly reps. Only difference being for the current month it is the latest
sspFlag	tinyint(4)	true	Indicates whether this date is used in Storage and Storage Pool DataMart. It is true for month representatives and for the last number of days as defined in configuration.
latest	char(1)	true	Indicates whether this date is the last date available in the table.
future	char(1)	true	Indicates whether this date is a future date (projection) or regular one.

dwh_capacity_efficiency.efficiency_fact

Display capacity gain and loss by technology for a storage .

Column	Type	Nullabl e	Description
tk	int(11)	true	TK of the fact.
dateTk	int(11)	true	TK of the date. References: <ul style="list-style-type: none">• tk in dwh_capacity_efficiency.date_dimension
storageTk	int(11)	true	TK of the storage where the capacity resides. References: <ul style="list-style-type: none">• tk in dwh_capacity_efficiency.storage_dimension
rawCapacityMB	bigint(20)	true	Storage raw capacity in MB. 0 when technology is specified (not NULL).

Column	Type	Nullable	Description
backendCapacityMB	bigint(20)	true	Total capacity of backend LUNs in a virtual array, in MB. 0 when technology is specified (not NULL).
storageTechnology	varchar(255)	true	Storage efficiency and protection technology such as Dedupe, Thin Provisioning, Snapshot and RAID. NULL when representing raw and backend capacity of the storage (one row per storage).
gainMB	bigint(20)	true	Capacity gained by using the technology. 0 when technology is not specified (NULL).
lossMB	bigint(20)	true	Capacity lost by using the technology. 0 when technology is not specified (NULL).
potentialGainMB	bigint(20)	true	Potential capacity to gain by using the technology to the full extent. 0 when technology is not specified (NULL).
potentialLossMB	bigint(20)	true	Potential capacity to loss by using the technology to the full extent. 0 when technology is not specified (NULL).

dwh_capacity_efficiency.storage_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this storage array row.
name	varchar(255)	true	Name of the storage array.
identifier	varchar(768)	true	Identifier of the device.
ip	varchar(255)	true	IP address of the storage array.
model	varchar(255)	true	Model of the storage array.
manufacturer	varchar(255)	true	Manufacturer of the storage array.
serialNumber	varchar(255)	true	Serial number for the storage array.

Column	Type	Nullable	Description
microcodeVersion	varchar(255)	true	Version of the firmware running on the storage array.
family	varchar(255)	true	Family name of the storage array (e.g. Clariion, Symmetrix etc).
url	varchar(255)	true	Url to this storage in Insight Server.
id	int(11)	true	GUID of the storage array in <code>dwh_inventory.storage</code>.
latest	char(1)	true	Indicates whether this row is the latest one for this storage.
dateTk	int(11)	true	TK of the date in which this stroage array row was created. References: <ul style="list-style-type: none">• tk in dwh_capacity_efficiency.date_dimension
dataCenter	varchar(255)	true	<code>Data_Center</code> annotation value assigned to the Storage.

dwh_fs_util

dwh_fs_util.compute_resource_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this compute resource row.
identifier	varchar(768)	true	Natural identifier of the compute resource.
name	varchar(255)	true	name of the compute resource.
type	enum('HOST', 'VM')	true	resource type.
domain	varchar(255)	true	domain of compute resource.

Column	Type	Nullable	Description
ip	text	true	Comma separated list of IP addresses of the compute resource.
os	varchar(255)	true	Operating system running on the compute resource.
id	int(11)	true	GUID of the compute resource in <code>dwh_inventory.compute_resource</code>
latest	char(1)	true	Indicates whether this row is the latest one for this compute resource.
dateTk	int(11)	true	TK of the date in which this compute resource row was created. References: <ul style="list-style-type: none">• tk in dwh_fs_util.date_dimension

dwh_fs_util.date_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of the date object.
fullDate	datetime	true	Date of the date object.
dayInMonth	tinyint(4)	true	Day of the month for the date object. The first day of the month has value 1.
dayInYear	smallint(6)	true	Day in year of the date object. The first day of the year has value 1.
dateYear	smallint(6)	true	Year of the date object.
yearLabel	char(4)	true	Year formatted as String
monthNum	tinyint(4)	true	Month of the date object. January has value 1.
monthLabel	char(7)	true	Month formatted as String
dayInWeekNum	tinyint(4)	true	Day of the week for the date object. Sunday has value 1.

Column	Type	Nullable	Description
quarter	tinyint(4)	true	Quarter of the date object. First quarter has value 1.
quarterLabel	char(7)	true	Quarter formatted as String
dayInQuarter	smallint(6)	true	Day in quarter of the date object. First day of the quarter has value 1.
repQuarter	tinyint(4)	true	Indicates whether this date is the first date available for its quarter.
repMonth	tinyint(4)	true	Indicates whether this date is the first date available for its month.
repWeek	tinyint(4)	true	Indicates whether this date is the first date available for its week.
repDay	tinyint(4)	true	Indicates whether this date is the first date available for its day.
repMonthOrLatest	tinyint(4)	true	Indicates whether this date is the repmonth or the latest. This flag is used by Datamarts which works on monthly reps. Only difference being for the current month it is the latest
sspFlag	tinyint(4)	true	Indicates whether this date is used in Storage and Storage Pool DataMart. It is true for month representatives and for the last number of days as defined in configuration.
latest	char(1)	true	Indicates whether this date is the last date available in the table.
future	char(1)	true	Indicates whether this date is a future date (projection) or regular one.

dwh_fs_util.file_system_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of the dimension.

Column	Type	Nullable	Description
computeResourceIdentifier	varchar(768)	true	Identifier of the compute resource. Part of the natural key.
name	varchar(255)	true	Mounting point or drive letter. Part of the natural key.
location	varchar(255)	true	Indicates where the data is kept and how it is accessed. For example: local, SAN, NAS. Will be set to null if the location is unknown.
hardwareId	varchar(255)	true	Host specific identifier. Will be set to null if unknown.
type	varchar(255)	true	File system type. For example: NTFS, FAT, UFS, UDF, ZFS, ISO 9660, VXFS etc. Will be set to null if unknown.
id	int(11)	true	GUID of the file-system in <code>dwh_inventory.file_system</code>.
latest	char(1)	true	Indicates whether this row is the latest one for this file-system.
dateTk	int(11)	true	TK of the date in which this file-system row was created. References: <ul style="list-style-type: none">• tk in dwh_fs_util.date_dimension

dwh_fs_util.fs_util_fact

Displays file system utilization.

Column	Type	Nullable	Description
tk	int(11)	true	TK of the fact.
dateTk	int(11)	true	TK of the date.

Column	Type	Nullable	Description
References:			
			<ul style="list-style-type: none"> • tk in dwh_fs_util.date_dimension
hostTk	int(11)	true	TK of the host. References:
			<ul style="list-style-type: none"> • tk in dwh_fs_util.host_dimension
vmTk	int(11)	true	TK of the vm. References:
			<ul style="list-style-type: none"> • tk in dwh_fs_util.vm_dimension
computeResourceTk	int(11)	true	TK of the computeResource. References:
			<ul style="list-style-type: none"> • tk in dwh_fs_util.compute_resource_dimension
fsTk	int(11)	true	TK of the file system. References:
			<ul style="list-style-type: none"> • tk in dwh_fs_util.file_system_dimension
storageTk	int(11)	true	TK of the storage. References:
			<ul style="list-style-type: none"> • tk in dwh_fs_util.storage_dimension
tierTk	int(11)	true	TK of the tier. References:
			<ul style="list-style-type: none"> • tk in dwh_fs_util.tier_dimension
sizeMB	bigint(20)	true	Size of the file system in MB.
usedMB	bigint(20)	true	Amount of file-system capacity that is used and isn't available.

[dwh_fs_util.host_dimension](#)

Column	Type	Nullable	Description
tk	int(11)	true	TK of this host row.
name	varchar(255)	true	Name of the host.
identifier	varchar(768)	true	Identifier of the device.
ip	varchar(255)	true	Comma separated list of IP addresses of the host.
os	varchar(255)	true	Operating system running on the host.
model	varchar(255)	true	Model number.
manufacturer	varchar(255)	true	Manufacturer of the host.
url	varchar(255)	true	Url to this host in Insight Server.
id	int(11)	true	GUID of the host in <code>dwh_inventory.host</code>.
latest	char(1)	true	Indicates whether this row is the latest one for this host.
dateTk	int(11)	true	TK of the date in which this host row was created. References: <ul style="list-style-type: none">• tk in dwh_fs_util.date_dimension
dataCenter	varchar(255)	true	dataCenter annotation value assigned to dwh_dimensions.host_dimension

dwh_fs_util.storage_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this storage array row.
name	varchar(255)	true	Name of the storage array.
identifier	varchar(768)	true	Identifier of the device.
ip	varchar(255)	true	IP address of the storage array.

Column	Type	Nullable	Description
model	varchar(255)	true	Model of the storage array.
manufacturer	varchar(255)	true	Manufacturer of the storage array.
serialNumber	varchar(255)	true	Serial number for the storage array.
microcodeVersion	varchar(255)	true	Version of the firmware running on the storage array.
family	varchar(255)	true	Family name of the storage array (e.g. Clariion, Symmetrix etc).
url	varchar(255)	true	Url to this storage in Insight Server.
id	int(11)	true	GUID of the storage array in <code>dwh_inventory.storage</code>.
latest	char(1)	true	Indicates whether this row is the latest one for this storage.
dateTk	int(11)	true	TK of the date in which this stroage array row was created. References: <ul style="list-style-type: none">• tk in dwh_fs_util.date_dimension
dataCenter	varchar(255)	true	dataCenter annotation value assigned to dwh_dimensions.storage_dimension

dwh_fs_util.tier_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this tier row.
name	varchar(255)	true	Identifying name for the tier.
sequence	int(11)	true	Sequencial number of the tier as defined in <code>dwh_inventory.annotation_value</code>.
cost	double	true	Cost associated with this tier.

Column	Type	Nullable	Description
id	int(11)	true	GUID of the tier in <code>dwh_inventory.annotation_value</code>.
latest	char(1)	true	Indicates whether this row is the latest one for this tier.
dateTk	int(11)	true	TK of the date in which this tier row was created. References: <ul style="list-style-type: none">• tk in dwh_fs_util.date_dimension

dwh_fs_util.vm_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this virtual machine row.
name	varchar(255)	true	Name of the virtual machine.
naturalKey	varchar(768)	true	Natural identifier of the virtual machine.
os	varchar(255)	true	Guest operating system.
virtualCenterIp	varchar(255)	true	IP address of virtual center of the virtual machine.
ips	varchar(4096)	true	Comma separated list of IP addresses of the virtual machine.
url	varchar(255)	true	Url to this virtual machine in Insight Server.
id	int(11)	true	GUID of the virtual machine in <code>dwh_inventory.hv_virtual_machine</code>
latest	char(1)	true	Indicates whether this row is the latest one for this virtual machine.
dateTk	int(11)	true	TK of the date in which this virtual machine row was created. References: <ul style="list-style-type: none">• tk in dwh_fs_util.date_dimension

dwh_inventory

dwh_inventory.acq_acquisition_unit

Column	Type	Nullable	Description
id	int(11)	true	GUID of the acquisition unit.
identifier	varchar(768)	true	Identifier of the acquisition unit.
name	varchar(255)	true	Name of the acquisition unit.
ip	varchar(255)	true	IP address of the acquisition unit.
siteName	varchar(255)	true	The SANscreen Site to which this acquisition unit belongs.
leasePeriod	bigint(20) unsigned	true	Lease period in milliseconds for the acquisition unit.
nextLeaseRenewal	datetime	true	Time when the lease for the acquisition unit expires.

dwh_inventory.acq_data_source

Column	Type	Nullabl e	Description
id	int(11)	true	GUID of the data source.
acquisitionUnitId	int(11)	true	GUID of the acquisition unit to which this data source belongs. References: <ul style="list-style-type: none">• id in <u>dwh_inventory.acq_acquisition_u nit</u>
name	varchar(255)	true	Name of the data source.
type	varchar(255)	true	Type of the data source.

Column	Type	Nullable	Description
vendor	varchar(255)	true	Vendor of the data source.
model	varchar(255)	true	Model of the data source.
auditLastStatus	enum('SUCCESS', 'PARTIAL_SUCCESS', 'FAILURE')	true	The last status reported for the data source.
auditStatusDate	datetime	true	The time for the status report.
auditStatusSince	datetime	true	The time when this status report started.
auditStatusCount	int(11)	true	Count of audit entries for this status.
auditLastStatusMessage	text	true	Message description for the data source status.
additionalDataSourceMessage	varchar(255)	true	Additional status message for the data source.

dwh_inventory.annotation_value

Column	Type	Nullable	Description
id	int(11)	true	GUID for the annotation.
annotationType	varchar(255)	true	System or user defined type such as Tier, Data center, etc.
valueIdentifier	varchar(710)	true	Value of the annotation.
valueType	enum('BOOLEAN', 'DATE', 'FIXED_ENUM', 'FLEXIBLE_ENUM', 'NUMBER', 'TEXT')	true	The data type for annotation value.
valueDate	datetime	true	Value of the annotation (Date format).

Column	Type	Nullable	Description
enumSequence	int(11)	true	Sequence number determining the order of enumeration values. This is used primarily for display purposes.
enumCost	double	true	Optional cost associated with the annotation. Applicable for Tier annotation.

dwh_inventory.application

Column	Type	Nullable	Description
id	int(11)	true	GUID for the application.
name	varchar(255)	true	Name of the application.
description	varchar(255)	true	Description of the application.
ignoreSharing	tinyint(4)	true	Indicates whether SANscreen issues sharing violations for hosts of this application.
priority	varchar(255)	true	Priority of the application.
url	varchar(255)	true	Url to this application in Insight Server.

dwh_inventory.auto_tiering_policy

Column	Type	Nullable	Description
id	int(11)	true	GUID of the auto tiering policy.
storageId	int(11)	true	GUID of the storage on which the auto tiering policy is defined. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
identifier	varchar(768)	true	Identifier of the auto tiering policy.
name	varchar(255)	true	Name of the auto tiering policy.

dwh_inventory.auto_tiering_policy_constraint

Column	Type	Nullable	Description
id	int(11)	true	GUID of the auto tiering policy constraint.
autoTieringPolicyId	int(11)	true	GUID of the auto tiering policy. References: <ul style="list-style-type: none">• id in dwh_inventory.auto_tiering_policy
storageId	int(11)	true	GUID of the storage on which the auto tiering policy is defined. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
vendorTier	varchar(255)	true	Vendor-specific tier name.
limitPercent	int(11)	true	Volume share limit on this tier.

dwh_inventory.backend_lun

Frontend LUNs that are mapped to the backend volumes.

Column	Type	Nullable	Description
id	int(11)	true	GUID of the backend LUN.
storageId	int(11)	true	GUID of the storage array. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
name	varchar(255)	true	Name of the LUN.

dwh_inventory.backend_lun_to_volume

AV - mapping between backend LUNs and the backend volumes.

Column	Type	Nullable	Description
id	int(11)	true	GUID of the backend path.
frontendStorageId	int(11)	true	GUID of the frontend storage array. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
backendLunId	int(11)	true	GUID of the backend LUN in the frontend array. References: <ul style="list-style-type: none">• id in dwh_inventory.backend_lun
backendStorageId	int(11)	true	GUID of the backend storage array. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
backendVolumeId	int(11)	true	GUID of the backend Volume. References: <ul style="list-style-type: none">• id in dwh_inventory.volume

dwh_inventory.backend_path

AV - path from LUN in frontend array to backend volume.

Column	Type	Nullable	Description
id	int(11)	true	GUID of the backend path.
backendLunId	int(11)	true	GUID of the backend LUN. References: <ul style="list-style-type: none">• id in dwh_inventory.backend_lun
storageId	int(11)	true	GUID of the storage array. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
lun	varchar(255)	true	Logical Unit Number.
initiatorPortWwn	varchar(255)	true	WWN of the frontend storage port.

Column	Type	Nullable	Description
targetPortWwn	varchar(255)	true	WWN of the backend storage port.

dwh_inventory.business_entity

Column	Type	Nullable	Description
id	int(11)	true	GUID for the annotation.
fullname	varchar(710)	true	Value of the annotation.
tenant	text	true	
lob	text	true	
businessUnit	text	true	
project	text	true	

dwh_inventory.cloud_resource

Column	Type	Nullable	Description
id	int(11)	true	GUID of the cloud resource.
uuid	varchar(255)	true	Globally unique ID. Correlates with IDs reported by cloud data sources (EC2, S3, etc.).
accountId	bigint(20)	true	The ID of the account that this billing item applies to.
availabilityZone	varchar(255)	true	The Availability Zone associated with this billing item charge.
cloudProviderName	varchar(255)	true	Generic name of the cloud service provider, e.g. AWS, Azure.
sku	varchar(255)	true	A unique code for a product. Use the SKU code to correlate product details and pricing.

Column	Type	Nullable	Description
cpuCount	double	true	Number of CPUs (or vCPUs) available on the resource.
currencyCode	varchar(255)	true	The currency that this billing item is given in, e.g. USD.
locationCode	varchar(255)	true	Code identifying the location associated with this resource. For AWS, this maps to the region code.
locationName	varchar(255)	true	Name identifying the location associated with this resource. For AWS, this maps to the region name.
modelType	varchar(255)	true	Resource model type. For AWS instances, this is the instance type, e.g. m4.large. For AWS volumes, this is the volume type, e.g. gp2.
operatingSystem	varchar(255)	true	Operating system (OS) running on the VM instance.
pricingType	varchar(255)	true	Pricing type for the resource, e.g, for an EC2 instance, the value might be Spot or Dedicated.
resourceName	varchar(255)	true	Name of the resource associated with this billing item. Depending on the service, may be instance name (EC2), volume name (EBS), bucket name (S3), etc.
resourceType	varchar(255)	true	Generic type of the resource associated with this billing item.
serviceId	varchar(255)	true	Id of the service associated with this billing item.
serviceName	varchar(255)	true	Name of the service associated with this billing item, e.g. Amazon S3.
serviceType	varchar(255)	true	Name of the generic ServiceFamily associated with this billing item.
storageTypes	varchar(255)	true	Comma-separated list of storage types associated with this item, e.g. Standard, Magnetic, Amazon Glacier.

Column	Type	Nullable	Description
normalizationFactor	double	true	The relative value of the resource based on instance size.

dwh_inventory.cloud_resource_tag

Column	Type	Nullable	Description
cloudResourceId	int(11)	true	GUID of the cloud resource. References:
			<ul style="list-style-type: none"> • id in dwh_inventory.cloud_resource
tagName	varchar(255)	true	Cloud resource tag name
tagValue	varchar(255)	true	Cloud resource tag value

dwh_inventory.compute_resource

Column	Type	Nullable	Description
id	int(11)	true	GUID of the Operating System
hostId	int(11)	true	The Host ID. References:
			<ul style="list-style-type: none"> • id in dwh_inventory.host
vmId	int(11)	true	The VM ID. References:
			<ul style="list-style-type: none"> • id in dwh_inventory.hv_virtual_machine
identifier	varchar(768)	true	identifier of the compute resource
name	varchar(255)	true	name of the compute resource.
type	enum('HOST', 'VM')	true	resource type.
domain	varchar(255)	true	domain of compute resource.

Column	Type	Nullable	Description
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ip	text	true	Comma separated list of IP addresses of the compute resource.
os	varchar(255)	true	Operating system running on the compute resource.
cpuCount	int(11)	true	cpu count of compute resource.
memory	int(11)	true	memory of compute resource.

dwh_inventory.disk

Disk for storage arrays

Column	Type	Nullable	Description
id	int(11)	true	GUID of the disk.
storageId	int(11)	true	GUID of the storage array (filer). References: <ul style="list-style-type: none">• id in dwh_inventory.storage
identifier	varchar(768)	true	The identifier of the disk. Uniquely identifies the disk in the storage.
name	varchar(255)	true	The name of the disk.
speed	int(11)	true	Speed for disk.
capacityGB	bigint(20)	true	Disk capacity in GB.
location	varchar(255)	true	Location of disk, where is it installed.
role	varchar(255)	true	Role for disk in storage group (e.g. PARITY, DATA, SPARE).
vendor	varchar(255)	true	Disk vendor (e.g. NetApp, SEAGATE).
model	varchar(255)	true	Disk model.
type	varchar(255)	true	Type for the disk (e.g. SATA, FC).

Column	Type	Nullable	Description
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diskGroup	varchar(255)	true	Identifier for disk group the disk belongs to (e.g. rg0, 7).
status	varchar(255)	true	Status for disk (e.g. NORMAL, FAILED).
serialNumber	varchar(255)	true	The disk serial number
url	varchar(255)	true	Url to this disk in Insight Server.

dwh_inventory.disk_group

Column	Type	Nullable	Description
id	int(11)	true	GUID of the disk group
storageId	int(11)	true	GUID of the storage array References: <ul style="list-style-type: none">• id in dwh_inventory.storage
name	varchar(255)	true	name of the disk group
identifier	varchar(768)	true	identifier of the disk group
vendorDiskGroupType	varchar(255)	true	vendor type of the disk group
diskType	varchar(255)	true	type of disks in the disk group
status	varchar(255)	true	status of the disk group
redundancy	varchar(255)	true	redundancy of the disk group
isVirtual	char(1)	true	indicates whether the disk group is virtual
vendorTier	varchar(255)	true	vendor tier of the disk group
capacityMB	bigint(20)	true	usable capacity of the disk group
usedCapacityMB	bigint(20)	true	used capacity of the disk group

Column	Type	Nullable	Description
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physicalDiskCapacityMB bigint(20) true physical capacity of the disk group

dwh_inventory.disk_group_to_disk

Lists the disks in a disk group.

Column	Type	Nullable	Description
storageId	int(11)	true	GUID of the storage array. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
diskGroupId	int(11)	true	GUID of the disk group. References: <ul style="list-style-type: none">• id in dwh_inventory.disk_group
diskId	int(11)	true	GUID of the disk. References: <ul style="list-style-type: none">• id in dwh_inventory.disk

dwh_inventory.disk_group_to_storage_pool

Lists the storage pools in a disk group.

Column	Type	Nullable	Description
storageId	int(11)	true	GUID of the storage array. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
diskGroupId	int(11)	true	GUID of the disk group. References: <ul style="list-style-type: none">• id in dwh_inventory.disk_group
storagePoolId	int(11)	true	GUID of the storage pool.

Column	Type	Nullable	Description
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References:

- [id in `dwh_inventory.storage_pool`](#)

`dwh_inventory.dr_internal_volume_replica`

Column	Type	Nullable	Description
<code>sourceStorageId</code>	int(11)	true	GUID of the storage that is the source of the replica. References: <ul style="list-style-type: none">• id in <code>dwh_inventory.storage</code>
<code>sourceInternalVolumeId</code>	int(11)	true	GUID of the internal volume that is the source of the replica. References: <ul style="list-style-type: none">• id in <code>dwh_inventory.internal_volume</code>
<code>targetStorageId</code>	int(11)	true	GUID of the storage that is the target of the replica. References: <ul style="list-style-type: none">• id in <code>dwh_inventory.storage</code>
<code>targetInternalVolumeId</code>	int(11)	true	GUID of the internal volume that is the target of the replica. References: <ul style="list-style-type: none">• id in <code>dwh_inventory.internal_volume</code>
<code>mode</code>	varchar(255)	true	Synchronization mode for the replica. Possible values are Synchronous, Asynchronous, Semi Synchronous, Copy and Unknown.
<code>technology</code>	varchar(255)	true	The technology used for this replication. E.g., SnapMirror
<code>dwhCalculated</code>	char(1)	true	True if this is a cross-site replica calculated by DWH

dwh_inventory.dr_qtree_replica

Column	Type	Nullable	Description
sourceStorageId	int(11)	true	GUID of the storage that is the source of the replica. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
sourceQtreeId	int(11)	true	GUID of the qtree that is the source of the replica. References: <ul style="list-style-type: none">• id in dwh_inventory.qtree
targetStorageId	int(11)	true	GUID of the storage that is the target of the replica. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
targetQtreeId	int(11)	true	GUID of the qtree that is the target of the replica. References: <ul style="list-style-type: none">• id in dwh_inventory.qtree
mode	varchar(255)	true	Synchronization mode for the replica. Possible values are Synchronous, Asynchronous, Semi Synchronous, Copy and Unknown.
technology	varchar(255)	true	The technology used for this replication. E.g., SnapMirror
dwhCalculated	char(1)	true	True if this is a cross-site replica calculated by DWH

dwh_inventory.dr_replica

[Deprecated] Use dr_volume_replica instead

Column	Type	Nullable	Description
sourceStorageId	int(11)	true	GUID of the storage that is the source of the replica. References: <ul style="list-style-type: none">• id in dwh_inventory.storage

Column	Type	Nullable	Description
sourceVolumeId	int(11)	true	GUID of the volume that is the source of the replica. References: <ul style="list-style-type: none">• id in dwh_inventory.volume
targetStorageId	int(11)	true	GUID of the storage that is the target of the replica. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
targetVolumeId	int(11)	true	GUID of the volume that is the target of the replica. References: <ul style="list-style-type: none">• id in dwh_inventory.volume
fabrics	int(11)	true	[deprecated] Number of fabrics utilized by the replica.
spf	tinyint(4)	true	[deprecated] Indicates whether the replica has a single point of failure.
sourcePorts	int(11)	true	[deprecated] Number of source ports used by the replica.
targetPorts	int(11)	true	[deprecated] Number of target ports used by the replica.
hopsCount	int(11)	true	[deprecated] Number of switch hops for this replica.
synch	enum('SYNCHRONOUS', 'ASYNCHRONOUS', 'SEMI_SYNCHRONOUS', 'COPY', 'UNKNOWN')	true	Enumerated text describing the replication mode configured

dwh_inventory.dr_volume_replica

Column	Type	Nullable	Description
sourceStorageId	int(11)	true	GUID of the storage that is the source of the replica. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
sourceVolumeId	int(11)	true	GUID of the volume that is the source of the replica. References: <ul style="list-style-type: none">• id in dwh_inventory.volume
targetStorageId	int(11)	true	GUID of the storage that is the target of the replica. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
targetVolumeId	int(11)	true	GUID of the volume that is the target of the replica. References: <ul style="list-style-type: none">• id in dwh_inventory.volume
fabrics	int(11)	true	[deprecated] Number of fabrics utilized by the replica.
spf	tinyint(4)	true	[deprecated] Indicates whether the replica has a single point of failure.
sourcePorts	int(11)	true	[deprecated] Number of source ports used by the replica.
targetPorts	int(11)	true	[deprecated] Number of target ports used by the replica.
hopsCount	int(11)	true	[deprecated] Number of switch

Column	Type	Nullable	Description
			hops for this replica.
mode	enum('SYNCHRONOUS', 'ASYNCHRONOUS', 'SEMI_SYNCHRONOUS', 'COPY', 'UNKNOWN')	true	Enumerated text describing the replication mode configured
modeRaw	varchar(255)	true	Text describing the replication mode configured
technology	varchar(255)	true	Text describing the used replication technology
state	enum('SYNCRONIZED', 'SPLIT', 'IN_PROGRESS_SYNCRONIZING', 'IN_PROGRESS_RESTORING', 'FAILED_OVER', 'INITIAL', 'FAILED', 'UNKNOWN')	true	Text describing the dynamic state of replication
stateRaw	varchar(255)	true	Enumerated text describing the dynamic state of replication
stateStartTime	datetime	true	The known Start time of the reported state
stateSampleTime	datetime	true	The last update time for the State
stateStartTimeCalculated	char(1)	true	True, If the Starttime is calculated by Sanscreen Server
dwhCalculated	char(1)	true	True if this is a cross-site replica calculated by DWH

dwh_inventory.extended_data

Column	Type	Nullable	Description
objectId	int(11)	true	GUID of the object.

Column	Type	Nullable	Description
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objectType	varchar(64)	true	Type of the object.
fieldName	varchar(64)	true	Name of extended data field.
fieldValue	varchar(4096)	true	Value of the extended data field for this object.

dwh_inventory.fabric

Column	Type	Nullable	Description
id	int(11)	true	GUID of the fabric.
identifier	varchar(768)	true	Identifier of the fabric.
wwn	varchar(255)	true	WWN of the fabric.
name	varchar(255)	true	Name of the fabric.
vsanEnabled	char(1)	true	Indicates whether this fabric is a VSAN.
vsanId	varchar(255)	true	Identifier for the VSAN in case this fabric is a VSAN.
zoningEnabled	char(1)	true	If true, zoning is enforce based on the data in the zone and zone members table. Otherwise, zoning is not enforced in the Fabric.
url	varchar(255)	true	Url to this fabric in Insight Server.

dwh_inventory.fc_name_server_entry

Column	Type	Nullable	Description
id	int(11)	true	GUID of the fc name server entry.
portId	int(11)	true	GUID of the node port.

Column	Type	Nullable	Description
References:			
			<ul style="list-style-type: none"> • id in dwh_inventory.storage_port • id in dwh_inventory.tape_port • id in dwh_inventory.generic_device_port • id in dwh_inventory.host_port
type	enum('HOST_PORT', 'STORAGE_PORT', 'GENERIC_DEVICE_PORT', 'TAPE_PORT')	true	Type of the node port. (e.g., HOST_PORT, STORAGE_PORT, TAPE_PORT, GENERIC_DEVICE_PORT)
wwn	varchar(255)	true	WWN of the node port.
connectedSwitchPortId	int(11)	true	GUID of the connected switch port. References:
			<ul style="list-style-type: none"> • id in dwh_inventory.switch_port
connectedSwitchPortWwn	varchar(255)	true	WWN of the connected switch port.
physicalPortWwn	varchar(255)	true	WWN of the physical port (e.g., NP-Port of NPV). It is same as node port if node port is directly connected to switch port.
fcid	varchar(255)	true	ID assigned after the handshake/login.

dwh_inventory.file_system

Column	Type	Nullable	Description
References:			
id	int(11)	true	GUID of the file system.
computeResourceId	int(11)	true	GUID of the compute resource. References:

Column	Type	Nullable	Description
			<ul style="list-style-type: none"> • id in dwh_inventory.compute_resource
hostId	int(11)	true	<p>GUID of the host. References:</p> <ul style="list-style-type: none"> • id in dwh_inventory.host
name	varchar(255)	true	Mounting point or drive letter. Part of the natural key.
location	varchar(255)	true	Indicates where the data is kept and how it is accessed. For example: local, SAN, NAS. Will be set to null if the location is unknown.
hardwareId	varchar(255)	true	Host specific identifier. Will be set to null if unknown.
type	varchar(255)	true	File system type. For example: NTFS, FAT, UFS, UDF, ZFS, ISO 9660, VXFS etc. Will be set to null if unknown.
lastAgentReportTime	datetime	true	Last time when file system information was collected by agent
sizeMB	bigint(20)	true	Size of the file system in MB.
usedMB	bigint(20)	true	Amount of file-system capacity that is used and isn't available.

dwh_inventory.file_system_to_virtual_disk

Column	Type	Nullable	Description
id	int(11)	true	GUID of the file system to volume relation.
virtualDiskId	int(11)	true	<p>GUID of the virtual disk. References:</p> <ul style="list-style-type: none"> • id in dwh_inventory.hv_virtual_disk
fileSystemId	int(11)	true	GUID of the file system.

Column	Type	Nullable	Description
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References:

- id in [dwh_inventory.file_system](#)

computeResourceId int(11) true GUID of the compute resource.

References:

- id in [dwh_inventory.compute_resource](#)

datastoreId int(11) true GUID of the data store.

References:

- id in [dwh_inventory.hv_data_store](#)

dwh_inventory.file_system_to_volume

Column	Type	Nullable	Description
id	int(11)	true	GUID of the file system to volume relation.
computeResourceId	int(11)	true	GUID of the compute resource.
fileSystemId	int(11)	true	GUID of the file system.
storageId	int(11)	true	GUID of the storage.
volumId	int(11)	true	GUID of the volume.

dwh_inventory.generic_device

Unidentified node, may be a HBA, storage or tape controller.

Column	Type	Nullable	Description
id	int(11)	true	GUID of the generic device.
wwn	varchar(255)	true	WWN of the generic device
identifier	varchar(768)	true	Identifier of the device.
manufacturer	varchar(255)	true	Manufacturer of the generic device.
model	varchar(255)	true	Model of the generic device.
firmware	varchar(255)	true	Firmware version of the generic device.
driver	varchar(255)	true	Driver of the generic device.
serialNumber	varchar(255)	true	Serial number of the generic device.

dwh_inventory.generic_device_port

Column	Type	Nullable	Description
id	int(11)	true	GUID of the port.
genericDeviceId	int(11)	true	GUID of the generic device. References: <ul style="list-style-type: none">• id in dwh_inventory.generic_device
wwn	varchar(255)	true	WWN of the port.
number	bigint(20)	true	Number of the port in the containing blade
portId	varchar(255)	true	Id of the port.
name	varchar(255)	true	Name of the port.
speed	varchar(12)	true	Speed of the port, in Gbps.
url	varchar(255)	true	Url to this port in Insight Server.
active	char(1)	true	True if the port is not dead

Column	Type	Nullable	Description
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dwh_inventory.host

Column	Type	Nullable	Description
id	int(11)	true	GUID of the host.
name	varchar(255)	true	Name of the host.
identifier	varchar(768)	true	Identifier of the device.
ip	varchar(255)	true	IP address of the host.
os	varchar(255)	true	Operating system running on the host.
model	varchar(255)	true	Model number.
manufacturer	varchar(255)	true	Manufacturer of the host.
installedMemoryMB	varchar(255)	true	Total amount of memory available on the host, in MB.
hostFsFreeGB	varchar(255)	true	Amount of free storage in the host file systems, in GB.
hostFsTotalGB	varchar(255)	true	Total amount of storage in the file systems for a host, in GB.
hostFsUsedGB	varchar(255)	true	Amount of storage in the file systems that is used for a host, in GB.
cpuCount	varchar(255)	true	Number of CPUs running on the host.
cpuSpeed	varchar(255)	true	Speed of CPU, in MHz.
nicCount	varchar(255)	true	Number of NICs.
nicSpeed	varchar(255)	true	Speed of NIC, Mbs.

Column	Type	Nullable	Description
url	varchar(255)	true	Url to this host in Insight Server.
active	char(1)	true	Indicates whether the host is currently active.
dataCenter	varchar(255)	true	<code>Data_Center</code> annotation value assigned to the Host.

dwh_inventory.host_adapter

Column	Type	Nullable	Description
id	int(11)	true	GUID of the host adapter.
hostId	int(11)	true	GUID of the host where this adapter resides. References: <ul style="list-style-type: none">• id in dwh_inventory.host
wwn	varchar(255)	true	WWN of the host adapter.
model	varchar(255)	true	Model of the host adapter.
manufacturer	varchar(255)	true	Manufacturer of the host adapter.
driver	varchar(255)	true	Name of the driver managing access to the host adapter.
firmware	varchar(255)	true	Version of the firmware running on the host adapter.

dwh_inventory.host_port

Column	Type	Nullable	Description
id	int(11)	true	GUID of the host port.
adapterId	int(11)	true	GUID of the node (adapter) where this host port resides. References: <ul style="list-style-type: none">• id in dwh_inventory.host_adapter

Column	Type	Nullable	Description
hostId	int(11)	true	GUID of the host where this host port resides. References: <ul style="list-style-type: none">• id in dwh_inventory.host
wwn	varchar(255)	true	WWN of the host port.
nodeWwn	varchar(255)	true	WWN of the node (adapter) where this port resides.
portId	varchar(255)	true	Id of the port.
name	varchar(255)	true	Name of the host port.
speed	varchar(12)	true	Speed of the port, in Gbps.
url	varchar(255)	true	Url to this port in Insight Server.
active	char(1)	true	True if the port is not dead

dwh_inventory.host_to_application

Column	Type	Nullable	Description
id	int(11)	true	GUID of the relationship between a host and an application.
hostId	int(11)	true	GUID of the host. References: <ul style="list-style-type: none">• id in dwh_inventory.host
applicationId	int(11)	true	GUID of the application. References: <ul style="list-style-type: none">• id in dwh_inventory.application
inherited	char(1)	true	This application is inherited.

dwh_inventory.hv_data_store

Column	Type	Nullable	Description
id	int(11)	true	GUID of the datastore.
naturalKey	varchar(768)	true	Natural identifier of the datastore.
moid	varchar(255)	true	Managed Object ID, assigned to the data store in Virtual Center.
name	varchar(512)	true	Name of the datastore.
capacityMB	bigint(20)	true	Configured size of the datastore, in MB.
provisionedCapacityMB	bigint(20)	true	Amount of storage set-aside for use by the datastore, in MB.
virtualCenterIp	varchar(255)	true	IP address of virtual center.
freeCapacityMB	bigint(20)	true	[OBSOLETE] Available capacity in the datastore, in MB.
usedCapacityMB	bigint(20)	true	Amount of space actually used by the datastore, in MB.
url	varchar(255)	true	Url to this data store in Insight Server.

dwh_inventory.hv_data_store_to_internal_volume

Map VM data-stores to containing NAS internal-volume (1:1).

Column	Type	Nullable	Description
datastoreId	int(11)	true	GUID fo the datastore. References: <ul style="list-style-type: none">• id in dwh_inventory.hv_data_store
storageId	int(11)	true	GUID of the storage. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
internalVolumeId	int(11)	true	GUID of the internal-volume.

Column	Type	Nullable	Description
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References:

- [id in dwh_inventory.internal_volume](#)

qtreeId int(11) true GUID of the qtree.

References:

- [id in dwh_inventory.qtree](#)

dwh_inventory.hv_data_store_to_volume

Map VM data-stores to the containing SAN volumes (1:n).

Column	Type	Nullable	Description
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datastoreId int(11) true GUID fo the datastore.

References:

- [id in dwh_inventory.hv_data_store](#)

storageId int(11) true GUID of the storage.

References:

- [id in dwh_inventory.storage](#)

qtreeId int(11) true GUID of the qtree.

References:

- [id in dwh_inventory.qtree](#)

volumId int(11) true GUID of the volume.

References:

- [id in dwh_inventory.volume](#)

repVolume char(1) true True if this volume is the representative of all the volumes in the datastore.

dwh_inventory.hv_datastore_to_nas_share

Column	Type	Nullable	Description
id	int(11)	true	GUID of the relationship between a datastore and a hv nas share.
datastoreId	int(11)	true	GUID of the datastore. References: <ul style="list-style-type: none">• id in dwh_inventory.hv_data_store
nasShareId	int(11)	true	GUID of the hv nas share. References: <ul style="list-style-type: none">• id in dwh_inventory.hv_nas_share

dwh_inventory.hv_host_to_nas_share

Column	Type	Nullable	Description
id	int(11)	true	GUID of the relationship between a host to a nas share.
hostId	int(11)	true	GUID of the host. References: <ul style="list-style-type: none">• id in dwh_inventory.host
nasShareId	int(11)	true	GUID of the nas share (hv_nas_share). References: <ul style="list-style-type: none">• id in dwh_inventory.hv_nas_share
readOnly	tinyint(4)	true	Indicates whether the host has read-only access to the nas share.

dwh_inventory.hv_lun

Column	Type	Nullable	Description
id	int(11)	true	GUID of the lun.
hostId	int(11)	true	GUID of the host. References: <ul style="list-style-type: none">• id in dwh_inventory.host

Column	Type	Nullable	Description
datastoreId	int(11)	true	GUID of the datastore using this LUN. Is set to NULL for RDM VMDKs. References: <ul style="list-style-type: none">• id in dwh_inventory.hv_data_store
naturalKey	varchar(768)	true	Natural identifier of the lun.
number	varchar(255)	true	Logical Unit Number (lun).
tid	bigint(20)	true	Target SCSI id.
policy	varchar(255)	true	SAN active path selection policy (MRU, FIXED or RR).
diskName	varchar(255)	true	Disk name for the lun.
volumeUuid	varchar(255)	true	UUID of the volume.

dwh_inventory.hv_lun_to_volume

Map HV lun to a SAN volume

Column	Type	Nullable	Description
id	int(11)	true	GUID of the relationship between a hv lun to a volume.
hostId	int(11)	true	GUID of the host on which the hv lun resides. References: <ul style="list-style-type: none">• id in dwh_inventory.host
hvLunId	int(11)	true	GUID of the lun. References: <ul style="list-style-type: none">• id in dwh_inventory.hv_lun
storageId	int(11)	true	GUID of the storage array on which the volume resides. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
volumId	int(11)	true	GUID of the volume.

Column	Type	Nullable	Description
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References:

- **id** in [dwh_inventory.volume](#)

type	enum('FC', 'true', 'ISCSI', 'GENERIC')	Type of the volume access technology.
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dwh_inventory.hv_nas_share

Column	Type	Nullable	Description
id	int(11)	true	GUID of the NAS share.
datastoreId	int(11)	true	[Deprecated] GUID of the datastore. References:
			<ul style="list-style-type: none"> • id in dwh_inventory.hv_data_store
naturalKey	varchar(768)	true	Natural identifier of the NAS share.
filerName	varchar(255)	true	Name of filer for the nas share.
filerIp	varchar(255)	true	IP address of the filer for the nas share.
sharePath	varchar(512)	true	Path in the logical disk to which this share refers.
capacityMB	int(11)	true	Capacity on the share that is visible to hosts, in MB.
type	varchar(10)	true	The protocol used for the nas share (e.g., NFS or CIFS).

dwh_inventory.hv_nas_share_to_share

Column	Type	Nullable	Description
id	int(11)	true	GUID of the relationship between a NAS share to a share.
nasShareId	int(11)	true	GUID of NAS share. References:

Column	Type	Nullable	Description
• id in dwh_inventory.hv_nas_share			
storageId	int(11)	true	GUID of the storage array (filer) on which the share resides. References: • id in dwh_inventory.storage
shareId	int(11)	true	GUID of share. References: • id in dwh_inventory.nas_share

dwh_inventory.hv_path

Column	Type	Nullable	Description
id	int(11)	true	GUID of a path from a host to a lun.
lunId	int(11)	true	GUID of the lun. References: • id in dwh_inventory.hv_lun
hostId	int(11)	true	GUID of the host. References: • id in dwh_inventory.host
hostPortWwpn	varchar(255)	true	WWN of the host port used by the path.
storagePortWwpn	varchar(255)	true	WWN of the storage port used by the path.
type	enum('FC', 'ISCSI', 'UNKNOWN')	true	Path type (FC, ISCSI or UNKNOWN).
active	tinyint(4)	true	Indicates whether this path is active.

dwh_inventory.hv_server

Column	Type	Nullable	Description
id	int(11)	true	GUID of the ESX server.
hostId	int(11)	true	GUID of the host. References: <ul style="list-style-type: none">• id in dwh_inventory.host
naturalKey	varchar(768)	true	Natural identifier of the ESX server.
moid	varchar(255)	true	Managed Object ID, assigned to the server in Virtual Center.
virtualCenterIp	varchar(255)	true	IP address of virtual center.
clusterName	varchar(255)	true	Name of a cluster of hosts sharing access to the same SAN volumes or NAS share, or blank for a standalone host.
dataCenterName	varchar(255)	true	Name of data center.

dwh_inventory.hv_virtual_disk

Column	Type	Nullable	Description
id	int(11)	true	GUID of the virtual disk.
datastoreId	int(11)	true	GUID of the datastore for the virtual disk. References: <ul style="list-style-type: none">• id in dwh_inventory.hv_data_store
lunId	int(11)	true	RDM VMDK only, GUID of the lun associated with the virtual disk. References: <ul style="list-style-type: none">• id in dwh_inventory.hv_lun
naturalKey	varchar(768)	true	Natural identifier of the virtual disk.
name	varchar(255)	true	Name of the virtual disk.

Column	Type	Nullable	Description
type	varchar(255)	true	Type of the virtual disk.
capacityMB	bigint(20)	true	Capacity of the virtual disk, in MB.
usedCapacityMB	bigint(20)	true	Capacity consumed from the data-store, as reported by device, in MB.
usedCapacityForReportingMB	bigint(20)	true	Capacity consumed from the data-store, may be smaller than capacityMB for thin-provisioned VMDKs, in MB.
url	varchar(255)	true	Url to this virtual disk in Insight Server.

dwh_inventory.hv_virtual_disk_to_volume

Map VM RDM virtual-disks (VMDK) to a SAN volume (1:1).

Column	Type	Nullable	Description
virtualDiskId	int(11)	true	GUID of the virtual disk. References: <ul style="list-style-type: none">• id in dwh_inventory.hv_virtual_disk
storageId	int(11)	true	GUID of the storage. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
qtreeId	int(11)	true	GUID of the qtree. References: <ul style="list-style-type: none">• id in dwh_inventory.qtree
volumeId	int(11)	true	GUID of the volume. References: <ul style="list-style-type: none">• id in dwh_inventory.volume

dwh_inventory.hv_virtual_machine

Column	Type	Nullable	Description
id	int(11)	true	GUID of the virtual machine.
hostId	int(11)	true	GUID of host owning the virtual machine. References: <ul style="list-style-type: none">• id in dwh_inventory.host
moid	varchar(255)	true	Managed Object ID, assigned to the virtual machine in Virtual Center.
name	varchar(255)	true	Name of the virtual machine.
dnsName	varchar(255)	true	Fully qualified domain name of the virtual machine.
ips	varchar(4096)	true	Comma separated list of IP addresses of the virtual machine.
powerState	enum('poweredOff', 'poweredOn', 'suspended')	true	Power state of the virtual machine combined with the state of the guest OS
powerStateChangeTime	datetime	true	Time when the power state has changed to the current value.
guestState	enum('notRunning', 'resetting', 'running', 'shuttingDown', 'standby', 'unknown', 'stopping')	true	The combined state of the virtual hardware of the virtual machine and of the guest OS.
os	varchar(255)	true	Guest operating system.
processors	int(11)	true	Number of processors of the virtual machine.
memory	bigint(20)	true	Memory of the virtual machine, in MB.
datastoreId	int(11)	true	GUID of the datastore used by the virtual machine for storing its metadata (logs,

Column	Type	Nullable	Description
			snapshots, memory files etc.). References: <ul style="list-style-type: none">• id in dwh_inventory.hv_data_store
naturalKey	varchar(255)	true	Natural identifier of the virtual machine.
virtualCenterIp	varchar(255)	true	IP address of virtual center.
provisionedCapacityMB	bigint(20)	true	Amount of storage provisioned to the virtual machine, in MB.
usedCapacityMB	bigint(20)	true	Amount of space actually used by the virtual machine, in MB.
url	varchar(255)	true	Url to this virtual machine in Insight Server.

dwh_inventory.hv_virtual_machine_to_disk

Column	Type	Nullable	Description
id	int(11)	true	GUID of the relationship between a virtual machine and a virtual disk.
virtualMachineId	int(11)	true	GUID of the virtual machine id. References: <ul style="list-style-type: none">• id in dwh_inventory.hv_virtual_machine
virtualDiskId	int(11)	true	GUID of the virtual disk. References: <ul style="list-style-type: none">• id in dwh_inventory.hv_virtual_disk

dwh_inventory.internal_volume

Internal-volume (e.g. Trad/Flex Volume in NetApp)

Column	Type	Nullabl e	Description
id	int(11)	true	GUID of the internal-volume.
storagePoolId	int(11)	true	GUID of the storage pool. References: <ul style="list-style-type: none">• id in dwh_inventory.storage_pool
storageId	int(11)	true	GUID of the storage array (filer). References: <ul style="list-style-type: none">• id in dwh_inventory.storage
identifier	varchar(768)	true	Unique identifier of the internal volume in the storage.
name	varchar(255)	true	The name of the internal-volume. uniquely identifies the internal-volume in the storage.
type	varchar(255)	true	Type of the internal-volume (e.g. flexVol, traditional etc.).
thinProvisioningSupported	char(1)	true	Whether this internal-volume supports thin provisioning for the volume layer on top of it.
thinProvisioned	char(1)	true	Whether this internal-volume is thin provisioned. default false.
spaceGuarantee	enum('FILE', 'PARTIAL', 'VOLUME', 'NONE')	true	Space Guatantee policy
dedupeEnabled	char(1)	true	Is dedupe enabled on the interal volume. default false.
cloneSourceId	int(11)	true	If this internal-volume is a clone of another internal-volume - the id of cloned internal-volume. Null otherwise. References:

Column	Type	Nullabl e	Description
			<ul style="list-style-type: none"> • id in <u>dwh_inventory.internal_volume</u>
snapshotCount	int(11)	true	Number of snapshots on the internal-volumes.
lastSnapshotTime	datetime	true	Time of the last snapshot
lastKnownAccessTime	datetime	true	Time of the last access to the internal-volume.
status	varchar(255)	true	Status of the internal-volume (e.g offline online ...)
virtualStorage	varchar(255)	true	Specifies VirtualStorage(e.g.vFiler)
protectionType	varchar(255)	true	Specifies the protection type for the internal volume (e.g. SnapMirror, SnapVault ...).
flashPoolEligibility	enum('READ ' , 'READ- WRITE', 'NONE')	true	Indicates whether the internal volume can use flash pool.
dedupeRatio	float	true	Ratio of dedupe compression. Value between 0 and 1.
totalAllocatedCapacityMB	bigint(20)	true	Capacity allocated for an internal-volume as reported by the storage-array in MB. Includes capacity allocated for snapshots. Equals to: snapshotAllocatedCapacityMB + dataAllocatedCapacityMB + otherAllocatedCapacityMB
totalUsedCapacityMB	bigint(20)	true	Capacity consumed by internal-volume from storage pool.
totalUsedCapacityFromDevice	bigint(20)	true	Capacity used in an internal-volume as

Column	Type	Nullable	Description
MB			reported by the storage-array in MB. Includes capacity used for snapshots. Equals to: snapshotUsedCapacityMB + dataUsedCapacityMB
dataAllocatedCapacityMB	bigint(20)	true	Capacity allocated for an internal-volume as reported by the storage-array in MB. Does not include capacity allocated for snapshots.
dataUsedCapacityMB	bigint(20)	true	Capacity used in an internal-volume as reported by the storage-array in MB. Does not include capacity used for snapshots.
snapshotAllocatedCapacityMB	bigint(20)	true	Capacity allocated for internal-volume snapshots in MB.
snapshotUsedCapacityMB	bigint(20)	true	Capacity used for internal-volume snapshots in MB.
rawToUsableRatio	float	true	The ratio between disk raw capacity and usable capacity for the internal-volume. Affected by the RAID level and other overheads.
otherUsedCapacityMB	bigint(20)	true	Additional overhead that has not been included in Data/Snapshot Used Capacity for the internal-volume. $\text{totalUsedCapacityMB} = \text{dataUsedCapacityMB} + \text{snapShotUsedCapacityMB} + \text{otherUsedCapacityMB}$.
otherAllocatedCapacityMB	bigint(20)	true	Additional overhead that has not been included in Data/Snapshot Allocated Capacity for the internal-volume. $\text{totalAllocatedCapacityMB} = \text{dataAllocatedCapacityMB} + \text{snapShotAllocatedCapacityMB} + \text{otherAllocatedCapacityMB}$.

Column	Type	Nullable	Description
totalCloneSavedCapacityMB	bigint(20)	true	Capacity which the clone internal-volume shares with its source internal-volume
compressionEnabled	char(1)	true	Is compression enabled on the internal volume.
compressionRatio	float	true	Ratio of compression savings. Value between 0 and 1.
uuid	varchar(255)	true	UUID of the internal volume.
url	varchar(255)	true	Url to this internal-volume in Insight Server.

dwh_inventory.internal_volume_to_application

Column	Type	Nullable	Description
id	int(11)	true	GUID of the relationship between an internal volume and an application.
applicationId	int(11)	true	GUID of the application. References:
			<ul style="list-style-type: none"> • id in dwh_inventory.application
internalVolumeId	int(11)	true	GUID of the internal volume. References:
			<ul style="list-style-type: none"> • id in dwh_inventory.internal_volume
inherited	char(1)	true	This application is inherited.

dwh_inventory.iscsi_logical

Represents a scscli logical path between a host and a volume.

Column	Type	Nullable	Description
id	int(11)	true	GUID of the iscsi logical path.
hostId	int(11)	true	GUID of the initiator host of the iscsi logical path. References: <ul style="list-style-type: none">• id in dwh_inventory.host
storageId	int(11)	true	GUID of the target storage of the iscsi logical path. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
volumeId	int(11)	true	GUID of the target volume of the iscsi logical path. References: <ul style="list-style-type: none">• id in dwh_inventory.volume
numberOfSessions	int(11)	true	The number of sessions established in iscsi logical path.
numberOfConnections	int(11)	true	The number of connections established in iscsi logical path.

dwh_inventory.k8s_cluster

Column	Type	Nullable	Description
id	int(11)	true	Id of the K8S cluster
name	varchar(255)	true	

dwh_inventory.k8s_namespace

Column	Type	Nullable	Description
id	int(11)	true	Id of the K8S namespace
identifier	varchar(255)	true	Identifier of the K8S namespace
clusterId	int(11)	true	Id of the K8S cluster

Column	Type	Nullable	Description
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References:

- [id in dwh_inventory.k8s_cluster](#)

name varchar(255) true

dwh_inventory.k8s_node

Column	Type	Nullable	Description
id	int(11)	true	Id of the K8S node
identifier	varchar(255)	true	Identifier of the K8S node
clusterId	int(11)	true	Id of the K8S cluster
name	varchar(255)	true	

dwh_inventory.k8s_node_to_vm

Column	Type	Nullable	Description
nodeId	int(11)	true	
			References:
			<ul style="list-style-type: none"> • id in dwh_inventory.k8s_node
vmId	int(11)	true	
			References:
			<ul style="list-style-type: none"> • id in dwh_inventory.hv_virtual_machine

dwh_inventory.logical

Represents a logical path between a host and a volume.

Column	Type	Nullable	Description
id	int(11)	true	GUID of the logical path.

Column	Type	Nullable	Description
hostId	int(11)	true	GUID of the initiator host of the logical path - is set to null for paths from generic-devices. References: <ul style="list-style-type: none">• id in <u>dwh_inventory.host</u>
genericDeviceId	int(11)	true	GUID of the generic-device which is the initiator of the logical path - is set to null for paths from hosts. References: <ul style="list-style-type: none">• id in <u>dwh_inventory.generic_device</u>
storageId	int(11)	true	GUID of the target storage of the logical path - is set to null for paths to tapes. References: <ul style="list-style-type: none">• id in <u>dwh_inventory.storage</u>
tapeId	int(11)	true	GUID of the target tape of the logical path - is set to null for paths to storage-arrays. References: <ul style="list-style-type: none">• id in <u>dwh_inventory.tape</u>
volumeId	int(11)	true	GUID of the target volume of the logical path - is set to null for paths to tapes. References: <ul style="list-style-type: none">• id in <u>dwh_inventory.volume</u>
minHopNumber	int(11)	true	Minimal switch hops for the logical path.
hopsToDisplay	varchar(255)	true	Comma separated list of switch hop counts corresponding to the different underlying paths for this logical path.
numberOfFabrics	int(11)	true	Number of fabrics utilized by the logical path.
numberOfHostPorts	int(11)	true	Number of host ports used by the logical path.
numberOfStoragePorts	int(11)	true	Number of storage ports used by the logical path.
spf	tinyint(4)	true	Indicates whether the logical path has a single

Column	Type	Nullable	Description
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point of failure.

dwh_inventory.nas_cr_logical

Column	Type	Nullable	Description
id	int(11)	true	GUID of the NAS logical path.
computeResourceId	int(11)	true	GUID of the host accessing the file-share. References: <ul style="list-style-type: none">• id in dwh_inventory.compute_resource
storageId	int(11)	true	GUID of the storage array (filer) being accessed. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
internalVolumeId	int(11)	true	GUID of the internal volume being accessed. References: <ul style="list-style-type: none">• id in dwh_inventory.internal_volume
shareId	int(11)	true	GUID of the share being accessed. References: <ul style="list-style-type: none">• id in dwh_inventory.nas_share

dwh_inventory.nas_file_share

A shared folder in NAS storage arrays (filers)

Column	Type	Nullable	Description
id	int(11)	true	GUID for the file share.
internalVolumeId	int(11)	true	GUID of the internal-volume on which this file share is defined. References: <ul style="list-style-type: none">• id in dwh_inventory.internal_volume

Column	Type	Nullable	Description
storageId	int(11)	true	GUID of the storage array (filer) in which this share is defined. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
qtreeId	int(11)	true	GUID of the qtree on which this file share is defined. References: <ul style="list-style-type: none">• id in dwh_inventory.qtree
name	varchar(255)	true	Name of the file share.
path	varchar(255)	true	The full path in the internal-volume to the folder being shared, ends with the share name.
status	varchar(255)	true	Status of the file share (snapvaulted, snapmirrored, normal, or readonly).
securityType	varchar(255)	true	Security type of the file share (unix, ntfs, or mixed).

dwh_inventory.nas_logical

Column	Type	Nullable	Description
id	int(11)	true	GUID of the NAS logical path.
hostId	int(11)	true	The Host ID. References: <ul style="list-style-type: none">• id in dwh_inventory.host
storageId	int(11)	true	GUID of the storage array (filer) being accessed. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
shareId	int(11)	true	GUID of the share being accessed. References: <ul style="list-style-type: none">• id in dwh_inventory.nas_share

dwh_inventory.nas_share

Column	Type	Nullable	Description
id	int(11)	true	GUID of the share.
fileShareId	int(11)	true	GUID of the file share with which this share is associated. References: <ul style="list-style-type: none">• id in dwh_inventory.nas_file_share
storageId	int(11)	true	GUID of the storage array (filer) in which this share is defined. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
identifier	varchar(768)	true	Identifier of the share in the storage.
name	varchar(255)	true	Name of the share.
protocol	enum('CIFS', 'NFS')	true	Protocol used to access the share, one of: CIFS or NFS.
ipInterfaces	text	true	All IP addresses of the storage on which the share is located.

dwh_inventory.nas_share_initiator

Column	Type	Nullable	Description
id	int(11)	true	GUID of the share_initiator.
shareId	int(11)	true	GUID of the share with which this share_initiator is associated. References: <ul style="list-style-type: none">• id in dwh_inventory.nas_share
storageId	int(11)	true	GUID of the storage array (filer) in which this share is defined. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
initiator	varchar(255)	true	IP address or name subnet of the host/s allowed to access the

Column	Type	Nullable	Description
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share.

permission varchar(255) true Read / write / execute, and name.

dwh_inventory.object_to_annotation

Column	Type	Nullable	Description
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annotationValueId	int(11)	true	<p>GUID of the annotation value. References:</p> <ul style="list-style-type: none"> • id in dwh_inventory.annotation_value
objectId	int(11)	true	<p>GUID of the annotated object. References:</p> <ul style="list-style-type: none"> • id in dwh_inventory.generic_device • id in dwh_inventory.host • id in dwh_inventory.switch • id in dwh_inventory.storage • id in dwh_inventory.hv_virtual_machine • id in dwh_inventory.tape • id in dwh_inventory.application • id in dwh_inventory.hv_data_store • id in dwh_inventory.hv_virtual_disk • id in dwh_inventory.internal_volume • id in dwh_inventory.storage_port • id in dwh_inventory.volume • id in dwh_inventory.host_port • id in dwh_inventory.acq_data_source • id in dwh_inventory.disk_group

Column	Type	Nullable	Description
			<ul style="list-style-type: none"> • id in dwh_inventory.storage_node • id in dwh_inventory.qtree • id in dwh_inventory.quota • id in dwh_inventory.storage_pool • id in dwh_inventory.switch_port • id in dwh_inventory.disk • id in dwh_inventory.nas_share
objectType	enum('Application', 'DataSource', 'Disk', 'DiskGroup', 'HV_DataStore', 'HV_VirtualDisk', 'HV_VirtualMachine' , 'Host', 'InternalVolume', 'Port', 'Qtree', 'Quota', 'Share', 'Storage', 'StorageNode', 'StoragePool', 'Switch', 'Tape', 'Unknown', 'Volume')	true	Type of the annotated object.
annotationType	varchar(255)	true	Type of the annotation.

dwh_inventory.physical_path

A path between host port through a storage port to a volume.

Column	Type	Nullable	Description
id	int(11)	true	GUID of the physical path.
hostId	int(11)	true	GUID of the host which initiates the physical path. It is null for a path from a generic-device.

Column	Type	Nullable	Description
			<p>References:</p> <ul style="list-style-type: none"> • id in dwh_inventory.host
genericDeviceId	int(11)	true	<p>GUID of the generic-device which initiates the physical path. It is null for a path from a host.</p> <p>References:</p> <ul style="list-style-type: none"> • id in dwh_inventory.generic_device
storageId	int(11)	true	<p>GUID of the target storage of the physical path. It is null for a path to a tape.</p> <p>References:</p> <ul style="list-style-type: none"> • id in dwh_inventory.storage
tapeId	int(11)	true	<p>GUID of the target tape of the physical path. It is null for a path to a storage.</p> <p>References:</p> <ul style="list-style-type: none"> • id in dwh_inventory.tape
volumeId	int(11)	true	<p>GUID of the target volume of the physical path.</p> <p>References:</p> <ul style="list-style-type: none"> • id in dwh_inventory.volume
hostPortWwn	varchar(255)	true	WWN of the host port.
storagePortWwn	varchar(255)	true	WWN of the storage port.
lun	varchar(255)	true	Logical Unit Number (LUN) used by the host to access the volume.

dwh_inventory.port_connectivity

Column	Type	Nullable	Description
id	int(11)	true	GUID of the port connectivity.
portId	int(11)	true	GUID of the first port.

Column	Type	Nullable	Description
References:			
			<ul style="list-style-type: none"> • id in dwh_inventory.storage_port • id in dwh_inventory.tape_port • id in dwh_inventory.generic_device_port • id in dwh_inventory.host_port • id in dwh_inventory.switch_port
type	enum('HOST_PORT', 'STORAGE_PORT', 'TAPE_PORT', 'SWITCH_PORT', 'GENERIC_DEVICE_PORT)	true	Type of the first port.
wwn	varchar(255)	true	WWN of the first port.
connectedId	int(11)	true	GUID of the second port. References:
			<ul style="list-style-type: none"> • id in dwh_inventory.storage_port • id in dwh_inventory.tape_port • id in dwh_inventory.generic_device_port • id in dwh_inventory.host_port • id in dwh_inventory.switch_port
connectedType	enum('HOST_PORT', 'STORAGE_PORT', 'TAPE_PORT', 'SWITCH_PORT', 'GENERIC_DEVICE_PORT)	true	Type of the second port.
connectedWwn	varchar(255)	true	WWN of the second port.

dwh_inventory.qtree

Column	Type	Nullable	Description
id	int(11)	true	GUID of the qtree.
internalVolumeId	int(11)	true	GUID of the internal-volume on which the qtree resides. References: <ul style="list-style-type: none">• id in dwh_inventory.internal_volume
storageId	int(11)	true	GUID of the storage array (filer). References: <ul style="list-style-type: none">• id in dwh_inventory.storage
identifier	varchar(768)	true	Unique identifier of the qtree in the storage.
name	varchar(255)	true	The name of the qtree.
quotaHardCapacityLimitMB	bigint(20)	true	The disk space limit imposed on this qtree by a quota. When exceeded, data cannot be written.
quotaSoftCapacityLimitMB	bigint(20)	true	The disk space limit imposed on this qtree by a quota. When exceeded, a warning is issued but data can still be written.
quotaUsedCapacityMB	bigint(20)	true	Capacity used towards the hard and soft capacity limit set on the quota.
type	enum('DEFAULT', 'EXPLICIT')	true	Type of the qtree.
securityStyle	enum('UNIX', 'NTFS', 'MIXED')	true	Security Style of the qtree.
status	varchar(255)	true	Status of the qtree.

Column	Type	Nullable	Description
oplocks	char(1)	true	Whether oplocks are enabled on the qtree.
url	varchar(255)	true	Url to this qtree in Insight Server.

dwh_inventory.qtree_to_application

Column	Type	Nullable	Description
id	int(11)	true	GUID of the relationship between a qtree and an application.
applicationId	int(11)	true	GUID of the application. References:
			<ul style="list-style-type: none"> • id in dwh_inventory.application
qtreeId	int(11)	true	GUID of the qtree. References:
			<ul style="list-style-type: none"> • id in dwh_inventory.qtree
inherited	char(1)	true	This application is inherited.

dwh_inventory.quota

Column	Type	Nullable	Description
id	int(11)	true	GUID of the quota.
internalVolumeId	int(11)	true	GUID of the internal-volume on which this quota is defined. References:
			<ul style="list-style-type: none"> • id in dwh_inventory.internal_volume
storageId	int(11)	true	GUID of the storage array (filer) in which this quota is defined. References:
			<ul style="list-style-type: none"> • id in dwh_inventory.storage

Column	Type	Nullable	Description
qtreeId	int(11)	true	GUID of the qtree on which this quota is defined. References: <ul style="list-style-type: none">• id in dwh_inventory.qtree
identifier	varchar(768)	true	Unique identifier of the quota.
targetUser	varchar(255)	true	Specifies a group or user to which this quota applies.
type	enum('TREE', 'GROUP', 'USER')	true	Specifies the target type (tree, group or user) to which this quota applies.
hardFileLimit	bigint(20)	true	Hard limit on the number of files that this quota imposes on the tree, group or user.
softFileLimit	bigint(20)	true	Soft quota file limit that, if exceeded, issues warnings, rather than rejecting file creation requests.
hardCapacityLimitMB	bigint(20)	true	Hard disk space limit, in MB, that this quota imposes on the tree, group, user or type.
softCapacityLimitMB	bigint(20)	true	Soft quota space limit, in MB, that if exceeded, issues warnings rather than rejecting space requests.
thresholdMB	bigint(20)	true	Disk space usage point, in MB, at which warnings of approaching quota limits are issued.
usedFiles	bigint(20)	true	Number of files currently used by the target of this quota.
usedCapacityMB	bigint(20)	true	Disk space, in MB, currently used by the target of this quota.

dwh_inventory.service_level

Column	Type	Nullable	Description
id	int(11)	true	GUID for the annotation.
name	varchar(710)	true	Value of the annotation.
sequence	int(11)	true	Sequence number determining the order of enumeration values. This is used primarily for display purposes.
cost	double	true	Optional cost associated with the annotation. Applicable for Tier annotation.

dwh_inventory.share_to_application

Column	Type	Nullable	Description
id	int(11)	true	GUID of the relationship between a share and an application.
applicationId	int(11)	true	GUID of the application. References: <ul style="list-style-type: none">• id in dwh_inventory.application
shareId	int(11)	true	GUID of the share. References: <ul style="list-style-type: none">• id in dwh_inventory.nas_share
inherited	char(1)	true	This application is inherited.

dwh_inventory.storage

Column	Type	Nullable	Description
id	int(11)	true	GUID of the storage array.
name	varchar(255)	true	Name of the storage array.
identifier	varchar(768)	true	Identifier of the device.
ip	varchar(255)	true	IP address of the storage array.

Column	Type	Nullable	Description
model	varchar(255)	true	Model of the storage array.
manufacturer	varchar(255)	true	Manufacturer of the storage array.
serialNumber	varchar(255)	true	Serial number for the storage array.
microcodeVersion	varchar(255)	true	Version of the firmware running on the storage array.
rawCapacityMB	bigint(20)	true	Actual raw disk capacity for the storage array in MB.
spareRawCapacityMB	bigint(20)	true	Sum of all spare disk raw capacity in the storage array in MB.
failedRawCapacityMB	bigint(20)	true	Sum of all failed raw capacity in the storage array in MB.
memoryMB	bigint(20)	true	Size of memory installed in the array (filer), in MB.
cpuCount	int(11)	true	Number of cpus installed in the array (filer).
manageURL	varchar(255)	true	URL to the management software of the device.
family	varchar(255)	true	Storage family name, could be Clariion, Symmetrix etc.
isVirtual	char(1)	true	Determines if the array is a virtualizer.
cluster	char(1)	true	Determines if the array is a NetApp C-Mode cluster.
url	varchar(255)	true	Url to this storage in Insight Server.
lastAcquiredTime	datetime	true	Specifies the last acquired time.
active	char(1)	true	Indicates whether the storage array is currently active.
dataCenter	varchar(255)	true	<code>Data_Center</code> annotation value assigned to the Storage.

dwh_inventory.storage_controller

Column	Type	Nullable	Description
id	int(11)	true	GUID of the storage controller.
storageId	int(11)	true	GUID of the storage where this controller resides. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
wwn	varchar(255)	true	WWN of the storage controller (node wwn).
model	varchar(255)	true	Model of the storage controller.
manufacturer	varchar(255)	true	Manufacturer of the storage controller.
driver	varchar(255)	true	Name of the driver managing access to the storage controller.
firmware	varchar(255)	true	Version of the firmware running on the storage controller.
numberOfPorts	varchar(255)	true	Number of ports on the storage controller.

dwh_inventory.storage_node

Column	Type	Nullable	Description
id	int(11)	true	GUID of the storage node
storageId	int(11)	true	GUID of the storage array (filer). References: <ul style="list-style-type: none">• id in dwh_inventory.storage
name	varchar(255)	true	name of the storage node.
identifier	varchar(768)	true	uuid of the storage node.
version	varchar(255)	true	version of the storage node.
model	varchar(255)	true	model of the storage node.

Column	Type	Nullable	Description
serialNumber	varchar(255)	true	serialNumber of the storage node.
state	varchar(255)	true	state of the storage node.
partnerNodeId	int(11)	true	GUID of the partner node. References: <ul style="list-style-type: none">• id in dwh_inventory.storage_node
memorySizeMB	bigint(20)	true	memory size of this storage node.
cacheSizeMB	bigint(20)	true	cache size of this storage node.
numberOfProcessors	int(11)	true	number of processors of this storage node
url	varchar(255)	true	Url to this storage node in Insight Server.

dwh_inventory.storage_node_to_internal_volume

Lists the internal volumes used by a storage node.

Column	Type	Nullable	Description
storageId	int(11)	true	GUID of the storage array. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
storageNodeId	int(11)	true	GUID of the storage node. References: <ul style="list-style-type: none">• id in dwh_inventory.storage_node
internalVolumeId	int(11)	true	GUID of the internal volume. References: <ul style="list-style-type: none">• id in dwh_inventory.internal_volume

dwh_inventory.storage_node_to_port

Lists the ports used by a storage node.

Column	Type	Nullable	Description
storageId	int(11)	true	GUID of the storage array. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
storageNodeId	int(11)	true	GUID of the storage node. References: <ul style="list-style-type: none">• id in dwh_inventory.storage_node
portId	int(11)	true	GUID of the port. References: <ul style="list-style-type: none">• id in dwh_inventory.storage_port

dwh_inventory.storage_node_to_storage_pool

Lists the storage pools used by a storage node.

Column	Type	Nullable	Description
storageId	int(11)	true	GUID of the storage array. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
storageNodeId	int(11)	true	GUID of the storage node. References: <ul style="list-style-type: none">• id in dwh_inventory.storage_node
storagePoolId	int(11)	true	GUID of the storage pool. References: <ul style="list-style-type: none">• id in dwh_inventory.storage_pool

dwh_inventory.storage_node_to_volume

Lists the volumes used by a storage node.

Column	Type	Nullable	Description
storageId	int(11)	true	GUID of the storage array. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
storageNodeId	int(11)	true	GUID of the storage node. References: <ul style="list-style-type: none">• id in dwh_inventory.storage_node
volumeId	int(11)	true	GUID of the volume. References: <ul style="list-style-type: none">• id in dwh_inventory.volume

dwh_inventory.storage_pool

Storage Pool

Column	Type	Nullable	Description
id	int(11)	true	GUID of the Storage Pool.
storageId	int(11)	true	GUID of the storage array (filer). References: <ul style="list-style-type: none">• id in dwh_inventory.storage
identifier	varchar(768)	true	Identifier of the device.
type	varchar(255)	true	Real-life entity type that the storage pool describes.
name	varchar(255)	true	Name of the storage pool.
thinProvisioningSupported	char(1)	true	Whether this storage-pool supports thin provisioning for the volume layer on top of it. default false.
includeInDwhCapacity	char(1)	true	Determines if the storage_pool will appear in the storage-pool dimension of the capacity datamart. default false.

Column	Type	Nullable	Description
isVirtual	char(1)	true	Indicates the storage_pool is consists of backend LUNs.
raidGroup	char(1)	true	Indicates if the storage_pool is a raidGroup.
vendorTier	varchar(255)	true	Vendor-specific tier name.
autoTiering	char(1)	true	Indicate whether this storage pool is participating in auto tiering with other pools.
usesFlashPools	char(1)	true	Indicates whether this storage pool uses flash pools.
redundancy	varchar(255)	true	The redundancy level of the storage_pool.
status	varchar(255)	true	Status of the storage_pool (e.g offline online ...).
snapshotAllocatedCapacityMB	bigint(20)	true	Capacity allocated for storage-pool level snapshots in MB.
snapshotUsedCapacityMB	bigint(20)	true	Capacity used for storage-pool level snapshots in MB.
dataAllocatedCapacityMB	bigint(20)	true	Capacity allocated for a storage-pool as reported by the storage-array in MB. Does not include capacity allocated for storage-pool level snapshots.
dataUsedCapacityMB	bigint(20)	true	Capacity used in a storage-pool as reported by the storage-array in MB. Does not include capacity used for storage-pool level snapshots.
totalAllocatedCapacityMB	bigint(20)	true	Capacity allocated for a storage-pool as reported by the storage-array in MB. Includes capacity allocated for storage-pool level snapshots. Equals to: snapshotAllocatedCapacityMB +

Column	Type	Nullable	Description
			dataAllocatedCapacityMB + otherAllocatedCapacityMB
totalUsedCapacityMB	bigint(20)	true	Capacity used in a storage-pool as reported by the storage-array in MB. Includes capacity used for storage-pool level snapshots. Equals to: snapshotUsedCapacityMB + dataUsedCapacityMB + otherUsedCapacityMB
rawToUsableRatio	float	true	The ratio between disk raw capacity and usable capacity for the storage-pool. Affected by the RAID level and other overheads.
reservedCapacityMB	bigint(20)	true	Unused storage-pool capacity that is reserved for volumes in MB. This capacity is included in the dataAllocatedCapacityMB capacity.
otherUsedCapacityMB	bigint(20)	true	Additional overhead that has not been included in Data/Snapshot Used Capacity for the storage-pool. totalUsedCapacityMB = dataUsedCapacityMB + snapShotUsedCapacityMB + otherUsedCapacityMB.
otherAllocatedCapacityMB	bigint(20)	true	Additional overhead that has not been included in Data/Snapshot Allocated Capacity for the storage-pool. totalAllocatedCapacityMB = dataAllocatedCapacityMB + snapShotAllocatedCapacityMB + otherAllocatedCapacityMB.
physicalDiskCapacityMB	bigint(20)	true	The Physical Disk Capacity in MB in case the storage pool has both backend LUNs and disks.
softLimitCapacityMB	bigint(20)	true	Capacity limit for thin provisioning in MB.

Column	Type	Nullable	Description
dedupeEnabled	char(1)	true	Is deduplication enabled on the storage pool.
compressionEnabled	char(1)	true	Is compression enabled on the storage pool.
dedupeRatio	float	true	Ratio of deduplication savings. Value between 0 and 1.
compressionRatio	float	true	Ratio of compression savings. Value between 0 and 1.
url	varchar(255)	true	Url to this storage pool in Insight Server.

dwh_inventory.storage_pool_to_backend_lun

Lists the backend LUNs used by a storage pool.

Column	Type	Nullable	Description
storageId	int(11)	true	GUID of the storage array. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
storagePoolId	int(11)	true	GUID of the storage pool. References: <ul style="list-style-type: none">• id in dwh_inventory.storage_pool
backendLunId	int(11)	true	GUID of the backend LUN. References: <ul style="list-style-type: none">• id in dwh_inventory.backend_lun

dwh_inventory.storage_pool_to_disk

Lists the disks used by a storage pool.

Column	Type	Nullable	Description
storageId	int(11)	true	GUID of the storage array. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
storagePoolId	int(11)	true	GUID of the storage pool. References: <ul style="list-style-type: none">• id in dwh_inventory.storage_pool
diskId	int(11)	true	GUID of the disk. References: <ul style="list-style-type: none">• id in dwh_inventory.disk

dwh_inventory.storage_port

Column	Type	Nullable	Description
id	int(11)	true	GUID of the storage port.
controllerId	int(11)	true	GUID of the controller (node) where this port resides. References: <ul style="list-style-type: none">• id in dwh_inventory.storage_controller
storageId	int(11)	true	GUID of the storage array where this port resides. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
wwn	varchar(255)	true	WWN of the port.
nodeWwn	varchar(255)	true	WWN of the node (controller) where this port resides.
portId	varchar(255)	true	Id of the port.
name	varchar(255)	true	Name of the port.
speed	varchar(12)	true	Speed of the port, in Gbps.
controller	varchar(255)	true	Name of the controller where this port resides.

Column	Type	Nullable	Description
url	varchar(255)	true	Url to this port in Insight Server.
active	char(1)	true	True if the port is not dead

dwh_inventory.storage_to_application

Column	Type	Nullable	Description
id	int(11)	true	GUID of the relationship between a storage and an application.
storageId	int(11)	true	GUID of the storage. References:
			<ul style="list-style-type: none"> • id in dwh_inventory.storage
applicationId	int(11)	true	GUID of the application. References:
			<ul style="list-style-type: none"> • id in dwh_inventory.application
inherited	char(1)	true	This application is inherited.

dwh_inventory.switch

Column	Type	Nullable	Description
id	int(11)	true	GUID of the switch.
fabricId	int(11)	true	GUID of the fabric on which this switch is configured to operate. References:
			<ul style="list-style-type: none"> • id in dwh_inventory.fabric
identifier	varchar(768)	true	Identifier of the device.
wwn	varchar(255)	true	WWN of the switch.
ip	varchar(255)	true	IP address of the switch.

Column	Type	Nullable	Description
name	varchar(255)	true	Name of the switch.
manufacturer	varchar(255)	true	Manufacturer of the switch
model	varchar(255)	true	Model of the switch.
firmware	varchar(255)	true	Firmware version running on the switch.
domainId	varchar(255)	true	Fabric domain ID of the switch.
domainIdType	varchar(255)	true	Type of domain ID. Possible values are static(0) or preferred(1).
priority	varchar(255)	true	Priority of the switch.
vsanEnabled	char(1)	true	Indicates whether the switch supports VSANs.
serialNumber	varchar(255)	true	Serial number of the switch.
manageURL	varchar(255)	true	URL to the management software of the device.
sanRouteEnabled	char(1)	true	Indicates whether the switch supports Inter VSAN Routing (IVR).
npv	char(1)	true	Indication whether this is an NPV switch.
isGenerated	char(1)	true	Indication whether this switch does not correspond to a physical device. It is used to model one to many port connectivity.
type	enum('CHASSIS', 'FABRIC_LOGICAL', 'FABRIC_PHYSICAL', 'NPV_CHASSIS', 'NPV_LOGICAL', 'NPV_PHYSICAL', 'NPV_HUB')	true	Switch type.
url	varchar(255)	true	Url to this switch in Insight Server.
lastAcquiredTime	datetime	true	Specifies the last acquired time.

Column	Type	Nullable	Description
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active	char(1)	true	Indicates whether the Switch is dead or active
dataCenter	varchar(255)	true	<code>Data_Center</code> annotation value assigned to the Switch.
switchLevel	varchar(255)	true	<code>Switch_Level</code> annotation value assigned to the Switch.

dwh_inventory.switch_port

Column	Type	Nullable	Description
id	int(11)	true	GUID of the port.
switchId	int(11)	true	GUID of the switch where the port resides. References: <ul style="list-style-type: none">• id in dwh_inventory.switch
fabricId	int(11)	true	GUID of the fabric on which the port is configured to operate. References: <ul style="list-style-type: none">• id in dwh_inventory.fabric
virtualSwitchId	int(11)	true	GUID of the virtual switch where the port resides. NULL if none exists. References: <ul style="list-style-type: none">• id in dwh_inventory.virtual_switch
wwn	varchar(255)	true	WWN of the port.
status	varchar(100)	true	Status of the port. Possible values are OK, NOT_LICENSED, ERROR, INACTIVE and UNKNOWN
rawPortStatus	varchar(255)	true	Status of the port, taken from the device itself. Refer to the device documentation for an explanation of values.

Column	Type	Nullable	Description
type	varchar(255)	true	Port type, typically used to identify the protocol used to communicate with the other device, taken from the device itself: F-port, E-port, and so forth.
portPhysicalState	varchar(255)	true	Current state of the port, taken from the device itself. Refer to the device documentation for an explanation of values.
number	bigint(20)	true	Number of the port in the containing blade
blade	bigint(20)	true	Number of the blade in the containing switch.
portId	varchar(255)	true	Id of the port.
name	varchar(255)	true	Name of the port.
speed	varchar(12)	true	Speed of the port, in Gbps.
fc4Protocol	varchar(255)	true	FC4 (application layer) protocol, displayed as any subset/combination of the following values: BASIC_LINK, EXTEND_LINK, FCIP, SCSI_FCP, FC_SERVICES, FC_SW, SNMP, FABRIC_SERVICES, FABRIC, DIAG and VI.
classOfService	varchar(255)	true	Class of service for the FC protocol.
gbicType	varchar(255)	true	Type of GBIC (Gigabit Interface Converter) used for the port.
url	varchar(255)	true	Url to this port in Insight Server.
isGenerated	char(1)	true	Indication whether this is a generated wwn (if we do not know the real wwn).
active	char(1)	true	True if the port is not dead

dwh_inventory.switch_port_to_application

Column	Type	Nullable	Description
id	int(11)	true	GUID of the relationship between a port and an application.
applicationId	int(11)	true	GUID of the application. References: <ul style="list-style-type: none">• id in dwh_inventory.application
portId	int(11)	true	GUID of the switch port. References: <ul style="list-style-type: none">• id in dwh_inventory.switch_port
inherited	char(1)	true	This application is inherited.

dwh_inventory.switch_to_application

Column	Type	Nullable	Description
id	int(11)	true	GUID of the relationship between a switch and an application.
switchId	int(11)	true	GUID of the switch. References: <ul style="list-style-type: none">• id in dwh_inventory.switch
applicationId	int(11)	true	GUID of the application. References: <ul style="list-style-type: none">• id in dwh_inventory.application
inherited	char(1)	true	This application is inherited.

dwh_inventory.tape

Column	Type	Nullable	Description
id	int(11)	true	GUID of the tape.
name	varchar(255)	true	Name of the tape.

Column	Type	Nullable	Description
identifier	varchar(768)	true	Identifier of the device.
ip	varchar(255)	true	IP address of the tape.
manufacturer	varchar(255)	true	Manufacturer of the tape.
serialNumber	varchar(255)	true	Serial number for the tape.
active	char(1)	true	Indicates whether the tape is currently active.

dwh_inventory.tape_controller

Column	Type	Nullable	Description
id	int(11)	true	GUID of the tape controller.
tapeId	int(11)	true	GUID of the tape where this controller resides. References: <ul style="list-style-type: none">• id in dwh_inventory.tape
wwn	varchar(255)	true	GUID of the controller.
model	varchar(255)	true	Model of the controller.
manufacturer	varchar(255)	true	Manufacturer of the controller.
driver	varchar(255)	true	Name of the driver managing access to the controller.
firmware	varchar(255)	true	Version of the firmware running on the controller.
numberOfPorts	varchar(255)	true	Number of ports on the controller.

dwh_inventory.tape_port

Column	Type	Nullable	Description
id	int(11)	true	GUID of the tape port.

Column	Type	Nullable	Description
controllerId	int(11)	true	GUID of the controller where this port resides. References: <ul style="list-style-type: none">• id in <i>dwh_inventory.tape_controller</i>
tapeId	int(11)	true	GUID of the tape where this port resides. References: <ul style="list-style-type: none">• id in <i>dwh_inventory.tape</i>
wwn	varchar(255)	true	WWN of the port.
nodeWwn	varchar(255)	true	WWN of the node (controller) where this port resides.
portId	varchar(255)	true	Id of the port.
name	varchar(255)	true	Name of the port.
speed	varchar(12)	true	Speed of the port, in Gbps.
controller	varchar(255)	true	Name of the controller where this port resides.
url	varchar(255)	true	Url to this port in Insight Server.
active	char(1)	true	True if the port is not dead

dwh_inventory.tier

Column	Type	Nullable	Description
id	int(11)	true	GUID for the annotation.
name	varchar(710)	true	Value of the annotation.
sequence	int(11)	true	Sequence number determining the order of enumeration values. This is used primarily for display purposes.
cost	double	true	Optional cost associated with the annotation. Applicable for Tier annotation.

dwh_inventory.unknown_logical

Represents a logical path between a host and a volume through volume UUID mapping, where type is UNKNOWN.

Column	Type	Nullable	Description
id	int(11)	true	GUID of the generic logical path with unknown type.
hostId	int(11)	true	GUID of the initiator host of the generic logical path with unknown type. References: <ul style="list-style-type: none">• id in dwh_inventory.host
storageId	int(11)	true	GUID of the target storage of the generic logical path with unknown type. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
volumeId	int(11)	true	GUID of the target volume of the generic logical path with unknown type. References: <ul style="list-style-type: none">• id in dwh_inventory.volume

dwh_inventory.violation

Column	Type	Nullable	Description
id	int(11)	true	GUID of the violation.
hostId	int(11)	true	GUID of the initiator host of the violation - is set to null for violations from generic-devices. References: <ul style="list-style-type: none">• id in dwh_inventory.host
genericDeviceId	int(11)	true	GUID of the generic-device which is the initiator of the violation - is set to null for

Column	Type	Nullability	Description
		le	<p>violations from hosts.</p> <p>References:</p> <ul style="list-style-type: none"> • id in <u>dwh_inventory.generic_device</u>
storageId	int(11)	true	<p>GUID of the target storage of the violation - is set to null for violations to tapes.</p> <p>References:</p> <ul style="list-style-type: none"> • id in <u>dwh_inventory.storage</u>
tapeId	int(11)	true	<p>GUID of the target tape of the violation - is set to null for violations to storage-arrays.</p> <p>References:</p> <ul style="list-style-type: none"> • id in <u>dwh_inventory.tape</u>
volumeId	int(11)	true	<p>GUID of the volume to which the violation applies - is set to null for paths to tapes.</p> <p>References:</p> <ul style="list-style-type: none"> • id in <u>dwh_inventory.volume</u>
volumeName	varchar(255)	true	<p>Name of the volume. This would be available even if there is a Path Violations with missing volume</p>
type	enum('EXIST_NOT_APPROVED', 'APPROVE_NOT_EXIST', 'NO_SPF', 'REDUNDANCY_VIOLATION', 'HOPS_VIOLATION', 'HOST_PORTS_VIOLATION', 'SHARE_VOLUME_SCOPE_VIOLATION', 'STORAGE_PORTS_VIOLATION',	true	Violation type.

Column	Type	Nullable	Description
	'BACKEND_OUTAGE_VIOLATION', 'HV_ACTIVE_PATH_CONFLICT_VIOLATION', 'HV_MISSING_VIRTUAL_CLUSTER_PATH_VI OLATION', 'HV_INCONSISTENT_LUNS_VIOLATION', 'HV_MISSING_VIRTUAL_CLUSTER_NAS_PAT H_VIOLATION', 'ISCSI_SECURITY_VIOLATION', 'ISCSI_NUMBER_OF_SESSIONS_VIOLATION' , 'ISCSI_NUMBER_OF_CONNECTIONS_VIOLA TION')		
technology Type	enum('FC', 'ISCSI', 'HV')	true	The technology type (FC, ISCSI, HV) for the violation
since	datetime	true	Time when the violation started.

dwh_inventory.virtual_switch

Column	Type	Nullable	Description
id	int(11)	true	GUID of the virtual switch.
fabricId	int(11)	true	GUID of the fabric to which the virtual switch belongs. References: <ul style="list-style-type: none">• id in dwh_inventory.fabric
wwn	varchar(255)	true	WWN of the virtual switch.
ip	varchar(255)	true	IP address of the virtual switch
name	varchar(255)	true	Name of the virtual switch.
domainId	varchar(255)	true	Fabric domain ID of the switch.
domainIdType	varchar(255)	true	Type of domain ID. Possible values are static(0) or

Column	Type	Nullable	Description
preferred(1).			
priority	varchar(255)	true	Priority of the virtual switch.
switchRole	varchar(255)	true	Role of the virtual switch in the event of fabric merge. Possible values are PRINCIPAL and SUBORDINATE
chassisWwn	varchar(255)	true	WWN of the physical switch which defines the virtual switch.
npv	char(1)	true	Indication whether this is an NPV switch.
isGenerated	char(1)	true	Indication whether this switch does not correspond to a physical device. It is used to model one to many port connectivity.
type	enum('CHASSIS', 'FABRIC_LOGICAL', 'FABRIC_PHYSICAL', 'NPV_CHASSIS', 'NPV_LOGICAL', 'NPV_PHYSICAL', 'NPV_HUB')	true	Switch type.

dwh_inventory.virtual_to_backend_volume

Column	Type	Nullable	Description
GUID of the volume. References:			
virtualVolumeId	int(11)	true	<ul style="list-style-type: none"> • id in dwh_inventory.volume
GUID of the backend Volume. References:			
backendVolumeId	int(11)	true	<ul style="list-style-type: none"> • id in dwh_inventory.volume

dwh_inventory.vm_to_application

Column	Type	Nullable	Description
id	int(11)	true	GUID of the relationship between a virtual machine and an application.
vmid	int(11)	true	GUID of the virtual machine. References: <ul style="list-style-type: none">• id in dwh_inventory.hv_virtual_machine
applicationId	int(11)	true	GUID of the application. References: <ul style="list-style-type: none">• id in dwh_inventory.application
inherited	char(1)	true	This application is inherited.

dwh_inventory.volume

Column	Type	Nullable	Description
id	int(11)	true	GUID of the volume.
storageId	int(11)	true	GUID of the storage where this volume resides. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
internalVolumeId	int(11)	true	When the volume represents a NetApp LUN, GUID of the internal-volume where the LUN resides. Null otherwise. References: <ul style="list-style-type: none">• id in dwh_inventory.internal_volume
qtreeId	int(11)	true	When the volume represents a NetApp LUN, GUID of the qtree where the LUN resides. Null otherwise. References: <ul style="list-style-type: none">• id in dwh_inventory.qtree
name	varchar(255)	true	Name of the volume.

Column	Type	Nullable	Description
label	varchar(255)	true	Label (description) of the volume.
thinProvisioned	char(1)	true	Whether this volume is thin provisioned.
capacityMB	bigint(20)	true	Volume usable capacity (as seen by the host or other SCSI initiators) in MB.
consumedCapacityMB	bigint(20)	true	Presents the capacity that is being consumed in MB.
writtenCapacityMB	bigint(20)	true	Presents the capacity that is being written in MB.
rawCapacityMB	bigint(20)	true	Actual raw disk capacity used by the volume, in MB.
type	varchar(255)	true	Vendor-specific type of volume (e.g., SFS, BCV).
replicaSource	char(1)	true	Indicates whether this volume is a source in a replica.
replicaTarget	char(1)	true	Indicates whether this volume is a target in a replica.
snapshot	char(1)	true	Indicates whether this volume is a snapshot volume.
cylinders	int(11)	true	Number of cylinders in the volume.
diskGroup	varchar(255)	true	Comma separated list of the disk groups used by this volume.
isVirtual	char(1)	true	Indicates whether this volume is a virtual volume (in a virtual storage-pool).
meta	char(1)	true	Indicates whether this volume is a meta volume in a volume group.
virtualStorage	varchar(255)	true	Name of the vFiler containing the volume (NetApp).
head	varchar(255)	true	Head (NetApp) through which the volume is

Column	Type	Nullable	Description
			exposed. For example, name of the active head in an active-passive configuration.
protectionType	varchar(255)	true	Specifies the protection type for the volume (e.g., BCV, R1, R2 ...)
technologyType	enum('FC', 'ISCSI', 'UNKNOWN')	true	Specifies the technology type (FC/ISCSI/UNKNOWN).
autoTieringPolicyId	int(11)	true	GUID of auto tiering policy References: <ul style="list-style-type: none">• id in dwh_inventory.auto_tiering_policy
autoTiering	char(1)	true	Indicates whether this volume is participating in auto tiering.
uuid	varchar(255)	true	UUID of the volume.
isMainframe	char(1)	true	Indicates whether this is a Mainframe volume
lastKnownAccessTime	datetime	true	Specifies the last time known to SANscreen in which the volume was accessed for read or write (NULL if time is unavailable).
url	varchar(255)	true	Url to this volume in Insight Server.

dwh_inventory.volume_in_storage_pool

Links storage pool and the volumes carved from it.

Column	Type	Nullable	Description
storageId	int(11)	true	GUID of the storage array. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
volumId	int(11)	true	GUID of the volume. References:

Column	Type	Nullable	Description
			<ul style="list-style-type: none"> • id in dwh_inventory.volume
storagePoolId	int(11)	true	GUID of the storage pool. References: <ul style="list-style-type: none"> • id in dwh_inventory.storage_pool
volumeMembersCapacityMB	bigint(20)	true	Capacity of all volume-members on the storage-pool contributing to a volume, in MB.
volumeMembersRawCapacityMB	bigint(20)	true	Raw capacity of all volume-members on the storage-pool contributing to a volume, in MB.

dwh_inventory.volume_map

Column	Type	Nullable	Description
id	int(11)	true	GUID of the volume map entry.
volumId	int(11)	true	GUID of the volume to which the volume map entry refers. References: <ul style="list-style-type: none"> • id in dwh_inventory.volume
storageId	int(11)	true	GUID of the storage on which the volume map entry is defined. References: <ul style="list-style-type: none"> • id in dwh_inventory.storage
protocolController	varchar(255)	true	Name of the protocol controller which defines the volume map entry.
lun	varchar(255)	true	Logical Unit Number (LUN) used to access this volume.
tid	int(11)	true	Target SCSI ID defined by the volume map entry.

Column	Type	Nullable	Description
storagePortWwn	varchar(255)	true	WWN of the storage port to which this volume map entry refers.
wwnSecurityValidity	tinyint(4)	true	Indicates whether access to the volume requires additional masking configuration.

dwh_inventory.volume_mask

Column	Type	Nullable	Description
id	int(11)	true	GUID of the volume mask entry.
volumId	int(11)	true	GUID of the volume to which the volume mask entry refers. References: <ul style="list-style-type: none">• id in dwh_inventory.volume
storageId	int(11)	true	GUID of the storage on which the volume mask entry is defined. References: <ul style="list-style-type: none">• id in dwh_inventory.storage
protocolController	varchar(255)	true	Name of the protocol controller which defines the volume mask entry.
storagePortWwn	varchar(255)	true	WWN of the storage port to which the volume mask entry refers.
initiatorWwn	varchar(255)	true	WWN of the initiator port to which the volume mask entry refers.
hostId	int(11)	true	GUID of the host referred to by the initiator WWN of this volume mask entry References: <ul style="list-style-type: none">• id in dwh_inventory.host
type	enum('FC', 'ISCSI')	true	Type of the volume access technology.

dwh_inventory.volume_to_application

Column	Type	Nullable	Description
id	int(11)	true	GUID of the relationship between a volume and an application.
applicationId	int(11)	true	GUID of the application. References: <ul style="list-style-type: none">• id in dwh_inventory.application
volumId	int(11)	true	GUID of the volume. References: <ul style="list-style-type: none">• id in dwh_inventory.volume
inherited	char(1)	true	This application is inherited.

dwh_inventory.zone

Zone and Zone Capabilities info.

Column	Type	Nullable	Description
id	int(11)	true	GUID of the zone.
fabricId	int(11)	true	GUID of the fabric where the zone is defined. References: <ul style="list-style-type: none">• id in dwh_inventory.fabric
name	varchar(255)	true	Name of the zone. Part of the natural-key.
fabricWwn	varchar(255)	true	WWN of the fabric where the zone is defined.
configurationName	varchar(255)	true	Name of the active zone configuration (set) that contains this zone. Part of the natural-key.

dwh_inventory.zone_member

Zone Members info.

Column	Type	Nullable	Description
id	int(11)	true	GUID of the zone_member.
zoneId	int(11)	true	GUID of the zone. References: <ul style="list-style-type: none">• id in dwh_inventory.zone
fabricId	int(11)	true	GUID of the fabric where the zone is defined. References: <ul style="list-style-type: none">• id in dwh_inventory.fabric
type	enum('WWN', 'SWITCH')	true	Member zoning type. Can be either WWN (Soft) or SWITCH (Hard).
wwn	varchar(255)	true	WWN of the member. Can be a switch port (if type=SWITCH) or node/port of a device (type=WWN).
zoneName	varchar(255)	true	Name of the zone.

dwh_performance

dwh_performance.application_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this application row.
name	varchar(255)	true	Name of the application.
description	varchar(255)	true	Description of the application.
priority	varchar(255)	true	Priority of the application.
url	varchar(255)	true	Url to this application in Insight Server.
id	int(11)	true	GUID of the application in <code>dwh_inventory.application</code>.
latest	char(1)	true	Indicates whether this row is the latest one for this

Column	Type	Nullable	Description
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application.

dateTk	int(11)	true	TK of the date in which this application row was created. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension
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dwh_performance.application_group_bridge

Column	Type	Nullable	Description
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appGroupTk	int(11)	true	TK of the application group. References: <ul style="list-style-type: none">• tk in dwh_performance.application_group_dimension
appTk	int(11)	true	TK of the application. References: <ul style="list-style-type: none">• tk in dwh_performance.application_dimension
isRep	char(1)	true	Indicates whether this application represents its application group.

dwh_performance.application_group_dimension

Column	Type	Nullable	Description
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tk	int(11)	true	TK of the application group.
repApp	varchar(255)	true	Name of the application representing the application group.
repAppTk	int(11)	true	TK of the application representing the application group. References: <ul style="list-style-type: none">• tk in dwh_performance.application_dimension
cardinality	smallint(6)	true	Number of applications in the application group.
dateTk	int(11)	true	TK of the date in which the application group row was created.

Column	Type	Nullable	Description
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References:

- tk in [dwh_performance.date_dimension](#)

dwh_performance.application_volume_hourly_performance_fact

The performance data for applications.

Column	Type	Nullab le	Description
tk	bigint(2 0)	true	TK of the fact.
timeTk	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none"> • tk in dwh_performance.time_dimension
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"> • tk in dwh_performance.date_dimension
applicationTk	int(11)	true	TK of the application representative. References: <ul style="list-style-type: none"> • tk in dwh_performance.application_dimension
applicationGroupTk	int(11)	true	TK of the application group. References: <ul style="list-style-type: none"> • tk in dwh_performance.application_group_dim ension
tierTk	int(11)	true	TK of the tier. References: <ul style="list-style-type: none"> • tk in dwh_performance.tier_dimension
serviceLevelTk	int(11)	true	TK of the service level.

Column	Type	Nullabe	Description
			References: <ul style="list-style-type: none">• tk in <u>dwh_performance.service_level_dimension</u>
businessEntityTk	int(11)	true	TK of the business entity. References: <ul style="list-style-type: none">• tk in <u>dwh_performance.business_entity_dimension</u>
readResponseTime	double	true	Read response time.
writeResponseTime	double	true	Write response time
totalResponseTime	double	true	The total response time.
totalResponseTimeMax	double	true	The maximum for response time.
readThroughput	double	true	Read throughput average.
writeThroughput	double	true	Write throughput average.
sumOfAveragesVolumeThroughput	double	true	The sum of totalThroughput for all volume hourly samples related to application. Represents the average usage for application.
maxOfMaxVolumeThroughput	double	true	The maximum totalThroughputMax for all volume hourly samples related to application. Represents the best case scenario of max usage for application.
sumOfMaxVolumeThroughput	double	true	The sum of totalThroughputMax for all volume hourly sample related to application. Represents the worst case scenario of max usage when all maxes happen at the same time.
readIops	double	true	Read io per second average.

Column	Type	Nullable	Description
writelops	double	true	Write io per second average.
sumOfAveragesVolumelops	double	true	The sum of totallops for all volume hourly samples related to application. Represents the average usage for application.
maxOfMaxVolumelops	double	true	The maximum totallopsMax for all volume hourly samples related to application. Represents the best case scenario of max usage for application.
sumOfMaxVolumelops	double	true	The sum of totallopsMax for all volume hourly sample related to application. Represents the worst case scenario of max usage when all maxes happen at the same time.
readCacheHitRatio	double	true	The read cache hit ratio.
writeCacheHitRatio	double	true	The write cache hit ratio.
totalCacheHitRatio	double	true	The total cache hit ratio.
totalCacheHitRatioMax	double	true	The maximum total cache hit ratio.
writePending	bigint(20)	true	Number of pending writes.
readIoDensity	double	true	Read io density.
writeIoDensity	double	true	Write io density.
totalIoDensity	double	true	Total io density.
totalIoDensityMax	double	true	The maximun total io density.
compressionSavingsPercent	double	true	Compression savings (%).
compressionSavingsSpace	double	true	Compression savings space.

dwh_performance.business_entity_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this business entity row.
fullname	varchar(1024)	true	Name of the business entity.
tenant	varchar(255)	true	Name of the tenant.
lob	varchar(255)	true	Name of the line of business.
businessUnit	varchar(255)	true	Name of the business unit.
project	varchar(255)	true	Name of the project.
id	int(11)	true	GUID of the business entity in <code>dwh_inventory.annotation_value</code>.
latest	char(1)	true	Indicates whether this row is the latest one for this business entity.
dateTk	int(11)	true	TK of the date in which this business entity row was created. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension

dwh_performance.capacity_volume_fact_current

Column	Type	Nullable	Description
chargebackFactTk	int(11)	true	TK of the chargeback fact row where the volume capacity is counted. References: <ul style="list-style-type: none">• tk in dwh_capacity.chargeback_fact
volumId	int(11)	true	GUID of the volume as appears in inventory References: <ul style="list-style-type: none">• id in dwh_inventory.volume
storageId	int(11)	true	GUID of the storage where this volume resides, as appears in the inventory

Column	Type	Nullable	Description
References:			
			<ul style="list-style-type: none"> • id in dwh_inventory.storage
volumeName	varchar(255)	true	Name of the volume
volumeType	varchar(255)	true	Vendor-specific type of volume (e.g., SFS, BCV).
thinProvisioned	char(1)	true	Indicates whether this volume is thin provisioned.
isVirtual	char(1)	true	Indicates whether this volume is a virtual volume.
snapshot	char(1)	true	Indicates whether this volume is a snapshot volume.
technologyType	enum('FC', 'ISCSI', 'UNKNOWN')	true	Specifies the technology type (FC/ISCSI/UNKNOWN).
physicalUsableMB	bigint(20)	true	The amount of volume usable capacity that is consumed from the storage and is counted in the fact row, in MB.
physicalRawMB	bigint(20)	true	The amount of volume raw capacity that is consumed from the storage and is counted in the fact row, in MB.
provisionedUsableMB	bigint(20)	true	The amount of volume usable capacity that is provisioned to hosts/users counted in the fact row, in MB.
provisionedRawMB	bigint(20)	true	The amount of volume raw capacity that is provisioned to hosts/users counted in the fact row, in MB.

dwh_performance.connected_device_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this fabric row.

Column	Type	Nullable	Description
identifier	varchar(768)	true	Identifier of the device.
name	varchar(255)	true	Name of the device.
manufacturer	varchar(255)	true	Manufacturer of the device.
model	varchar(255)	true	Manufacturer model of the device.
type	enum('Storage', 'Host', 'Switch', 'NPV Switch', 'Generic', 'Tape')	true	Type of the device.
firmware	varchar(255)	true	Firmware version running on the device.
id	int(11)	true	The ID of the device
latest	char(1)	true	Indicates whether this row is the latest one for this device.
dateTk	int(11)	true	TK of the date in which this connected device row was created. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension

dwh_performance.datastore_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this datastore row.
naturalKey	varchar(768)	true	Oid of the datastore.
name	varchar(512)	true	Name of the datastore.
moid	varchar(255)	true	Managed Object ID of the datastore.
virtualCenterIp	varchar(255)	true	IP address of virtual center of the datastore.

Column	Type	Nullable	Description
url	varchar(255)	true	Url to this datastore in Insight Server.
id	int(11)	true	GUID of the datastore in <code>dwh_inventory.hv_data_store</code>
latest	char(1)	true	Indicates whether this row is the latest one for this datastore.
dateTk	int(11)	true	TK of the date in which this datastore row was created. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension

dwh_performance.date_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of the date object.
fullDate	datetime	true	Date of the date object.
dayInMonth	tinyint(4)	true	Day of the month for the date object. The first day of the month has value 1.
dayInYear	smallint(6)	true	Day in year of the date object. The first day of the year has value 1.
dateYear	smallint(6)	true	Year of the date object.
yearLabel	char(4)	true	Year formatted as String
monthNum	tinyint(4)	true	Month of the date object. January has value 1.
monthLabel	char(7)	true	Month formatted as String
dayInWeekNum	tinyint(4)	true	Day of the week for the date object. Sunday has value 1.
quarter	tinyint(4)	true	Quarter of the date object. First quarter has value 1.
quarterLabel	char(7)	true	Quarter formatted as String

Column	Type	Nullable	Description
dayInQuarter	smallint(6)	true	Day in quarter of the date object. First day of the quarter has value 1.
repQuarter	tinyint(4)	true	Indicates whether this date is the first date available for its quarter.
repMonth	tinyint(4)	true	Indicates whether this date is the first date available for its month.
repWeek	tinyint(4)	true	Indicates whether this date is the first date available for its week.
repDay	tinyint(4)	true	Indicates whether this date is the first date available for its day.
repMonthOrLatest	tinyint(4)	true	Indicates whether this date is the repmonth or the latest. This flag is used by Datamarts which works on monthly reps. Only difference being for the current month it is the latest
sspFlag	tinyint(4)	true	Indicates whether this date is used in Storage and Storage Pool DataMart. It is true for month representatives and for the last number of days as defined in configuration.
latest	char(1)	true	Indicates whether this date is the last date available in the table.
future	char(1)	true	Indicates whether this date is a future date (projection) or regular one.

dwh_performance.disk_daily_performance_fact

The daily performance data for disks.

Column	Type	Nullable	Description
tk	int(11)	true	TK of the fact.

Column	Type	Nullable	Description
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension
diskTk	int(11)	true	TK of the disk for performance numbers (if found). References: <ul style="list-style-type: none">• tk in dwh_performance.disk_dimension
storageTk	int(11)	true	TK of the storage for performance numbers. References: <ul style="list-style-type: none">• tk in dwh_performance.storage_dimension
storagePoolTk	int(11)	true	TK of the storage pool for performance numbers. References: <ul style="list-style-type: none">• tk in dwh_performance.storage_pool_dimension
readThroughput	double	true	Read throughput average.
writeThroughput	double	true	Write throughput average.
totalThroughput	double	true	Total throughput average (read+write).
totalThroughputMax	double	true	The maximum total throughput.
readIops	double	true	Read io per second.
writeIops	double	true	Write io per second.
totalIops	double	true	Total io per second average (read+write).
totalIopsMax	double	true	The max io per second.
readUtilization	double	true	Read utilization (%).
writeUtilization	double	true	Write utilization (%).

Column	Type	Nullable	Description
totalUtilization	double	true	Total utilization (%).
totalUtilizationMax	double	true	The max utilization (%).
accessed	int(11)	true	Is disk accessed?
timestamp	bigint(20)	true	fact start timestamp, for partitioning

dwh_performance.disk_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this disk row.
identifier	varchar(768)	true	Identifier of the disk.
storageIdentifier	varchar(768)	true	Identifier of the disk storage.
name	varchar(255)	true	Name of the disk.
speed	int(11)	true	Speed of disk.
location	varchar(255)	true	Disk location.
role	varchar(255)	true	Role for disk in storage group (e.g. PARITY, DATA, SPARE).
vendor	varchar(255)	true	Disk vendor (e.g. NetApp, SEAGATE).
model	varchar(255)	true	Disk model.
type	varchar(255)	true	Type for the disk (e.g. SATA, FC).
diskGroup	varchar(255)	true	Identifier for disk group the disk belongs to (e.g. rg0, 7).
status	varchar(255)	true	Status for disk (e.g. NORMAL, FAILED).
serialNumber	varchar(255)	true	The disk serial number

Column	Type	Nullable	Description
url	varchar(255)	true	Url to this disk in Insight Server.
id	int(11)	true	GUID of the disk in <code>dwh_inventory.disk</code>
latest	char(1)	true	Indicates whether this row is the latest one for this disk.
dateTk	int(11)	true	TK of the date in which this internal volume row was created. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension

dwh_performance.disk_hourly_performance_fact

The hourly performance data for disks.

Column	Type	Nullabl e	Description
tk	bigint(20)	true	TK of the fact.
timeTk	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.time_dimension
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension
diskTk	int(11)	true	TK of the disk for performance numbers (if found). References: <ul style="list-style-type: none">• tk in dwh_performance.disk_dimension
storageTk	int(11)	true	TK of the storage for performance numbers. References:

Column	Type	Nullable	Description
			<ul style="list-style-type: none"> • tk in dwh_performance.storage_dimension
storagePoolTk	int(11)	true	TK of the storage pool for performance numbers. References: <ul style="list-style-type: none"> • tk in dwh_performance.storage_pool_dimension
readThroughput	double	true	Read throughput average.
writeThroughput	double	true	Write throughput average.
totalThroughput	double	true	Total throughput average (read+write).
totalThroughputMax	double	true	The maximum total throughput.
readIops	double	true	Read io per second.
writelops	double	true	Write io per second.
totalIops	double	true	Total io per second average (read+write).
totalIopsMax	double	true	The max io per second.
readUtilization	double	true	Read utilization (%).
writeUtilization	double	true	Write utilization (%).
totalUtilization	double	true	Total utilization (%).
totalUtilizationMax	double	true	The max utilization (%).
accessed	int(11)	true	Is disk accessed?
timestamp	bigint(20)	true	fact start timestamp, for partitioning

dwh_performance.fabric_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this fabric row.
identifier	varchar(768)	true	Identifier of the fabric.
wwn	varchar(255)	true	WWN of the fabric.
name	varchar(255)	true	Name of the fabric.
vsanEnabled	char(1)	true	Indicates whether this fabric is a VSAN.
vsanId	varchar(255)	true	Identifier for the VSAN in case this fabric is a VSAN.
zoningEnabled	char(1)	true	If true, zoning is enforce based on the data in the zone and zone members table. Otherwise, zoning is not enforced in the Fabric.
url	varchar(255)	true	Url to this fabric in Insight Server.
id	int(11)	true	GUID of the fabric in <code>dwh_inventory.fabric</code>
latest	char(1)	true	Indicates whether this row is the latest one for this fabric.
dateTk	int(11)	true	TK of the date in which this fabric row was created. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension

dwh_performance.host_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this host row.
name	varchar(255)	true	Name of the host.
identifier	varchar(768)	true	Identifier of the device.
ip	varchar(255)	true	Comma separated list of IP addresses of the host.
os	varchar(255)	true	Operating system running on the host.

Column	Type	Nullable	Description
model	varchar(255)	true	Model number.
manufacturer	varchar(255)	true	Manufacturer of the host.
url	varchar(255)	true	Url to this host in Insight Server.
id	int(11)	true	GUID of the host in <code>dwh_inventory.host</code>.
latest	char(1)	true	Indicates whether this row is the latest one for this host.
dateTk	int(11)	true	TK of the date in which this host row was created. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension
dataCenter	varchar(255)	true	dataCenter annotation value assigned to dwh_dimensions.host_dimension

dwh_performance.host_group_bridge

Column	Type	Nullable	Description
hostGroupTk	int(11)	true	TK of the host group. References: <ul style="list-style-type: none">• tk in dwh_performance.host_group_dimension
hostTk	int(11)	true	TK of the host. References: <ul style="list-style-type: none">• tk in dwh_performance.host_dimension
isRep	char(1)	true	Indicates whether this host represents its host group.

dwh_performance.host_group_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of the host group.
repHost	varchar(255)	true	Name of the host representing the host group.
repHostTk	int(11)	true	TK of the host representing the host group. References: <ul style="list-style-type: none">• tk in dwh_performance.host_dimension
cardinality	smallint(6)	true	Number of hosts in the host group.
dateTk	int(11)	true	TK of the date in which this host group row was created. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension

dwh_performance.host_vm_daily_performance_fact

The performance daily data for host vm performance.

Column	Type	Nullable	Description
tk	int(11)	true	TK of the fact.
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension
hostTk	int(11)	true	TK of the host. References: <ul style="list-style-type: none">• tk in dwh_performance.host_dimension
readIops	double	true	Read io per second.
writelops	double	true	Write io per second.
totalIops	double	true	Total io per second average (read+write).

Column	Type	Nullable	Description
totalIopsMax	double	true	The max io per second.
readThroughput	double	true	Read throughput average.
writeThroughput	double	true	Write throughput average.
totalThroughput	double	true	Total throughput average (read+write).
totalThroughputMax	double	true	The maximum total throughput.
readResponseTime	double	true	Read response time.
writeResponseTime	double	true	Write response time.
totalResponseTime	double	true	Total response time.
totalResponseTimeMax	double	true	Total max response time.
ipReceiveThroughput	double	true	Ip Receive Throughput.
ipTransmitThroughput	double	true	Ip Transmit Throughput.
ipTotalThroughput	double	true	Ip Total Throughput.
ipTotalThroughputMax	double	true	The maximum ip Total Throughput.
cpuUtilization	double	true	CPU utilization (%)
maxOfAvgCpuUtilization	double	true	MAX CPU utilization (%)
memoryUtilization	double	true	Memory utilization (%)
maxOfAvgMemoryUtilization	double	true	MAX Memory utilization (%)
swapInRate	double	true	Swap in rate
maxOfAvgSwapInRate	double	true	Max swap in rate
swapOutRate	double	true	Swap out rate

Column	Type	Nullable	Description
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maxOfAvgSwapOutRate	double	true	Max swap out rate
swapTotalRate	double	true	Total swap rate
swapTotalRateMax	double	true	The maximum total swap rate
timestamp	bigint(20)	true	fact start timestamp, for partitioning

dwh_performance.host_vm_hourly_performance_fact

The performance hourly data for host performance.

Column	Type	Nullable	Description
tk	bigint(20)	true	TK of the fact.
timeTk	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.time_dimension
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension
hostTk	int(11)	true	TK of the host. References: <ul style="list-style-type: none">• tk in dwh_performance.host_dimension
readIops	double	true	Read io per second.
writeIops	double	true	Write io per second.
totalIops	double	true	Total io per second average (read+write).
totalIopsMax	double	true	The max io per second.

Column	Type	Nullable	Description
readThroughput	double	true	Read throughput average.
writeThroughput	double	true	Write throughput average.
totalThroughput	double	true	Total throughput average (read+write).
totalThroughputMax	double	true	The maximum total throughput.
readResponseTime	double	true	Read response time.
writeResponseTime	double	true	Write response time.
totalResponseTime	double	true	Total response time.
totalResponseTimeMax	double	true	Total max response time.
ipReceiveThroughput	double	true	Ip Receive Throughput.
ipTransmitThroughput	double	true	Ip Transmit Throughput.
ipTotalThroughput	double	true	Ip Total Throughput.
ipTotalThroughputMax	double	true	The maximum ip Total Throughput.
cpuUtilization	double	true	CPU utilization (%)
memoryUtilization	double	true	Memory utilization (%)
swapInRate	double	true	Swap in rate
swapOutRate	double	true	Swap out rate
swapTotalRate	double	true	Total swap rate
swapTotalRateMax	double	true	The maximum total swap rate
timestamp	bigint(20)	true	fact start timestamp, for partitioning

dwh_performance.host_volume_hourly_performance_fact

The performance data for hosts.

Column	Type	Nullabl e	Description
tk	bigint(20)	true	TK of the fact.
timeTk	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.time_dimension
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension
hostTk	int(11)	true	TK of the host representative. References: <ul style="list-style-type: none">• tk in dwh_performance.host_dimension
hostGroupTk	int(11)	true	TK of the host group. References: <ul style="list-style-type: none">• tk in dwh_performance.host_group_dimension
tierTk	int(11)	true	TK of the tier. References: <ul style="list-style-type: none">• tk in dwh_performance.tier_dimension
serviceLevelTk	int(11)	true	TK of the service level. References: <ul style="list-style-type: none">• tk in dwh_performance.service_level_dimension
businessEntityTk	int(11)	true	TK of the business entity. References:

Column	Type	Nullable	Description
			<ul style="list-style-type: none"> • tk in dwh_performance.business_entity_dimension
readResponseTime	double	true	Read response time.
writeResponseTime	double	true	Write response time
totalResponseTime	double	true	The total response time.
totalResponseTimeMax	double	true	The maximum for response time.
readThroughput	double	true	Read throughput average.
writeThroughput	double	true	Write throughput average.
sumOfAveragesVolumeThroughput	double	true	The sum of totalThroughput for all volume hourly samples related to host. Represents the average usage for host.
maxOfMaxVolumeThroughput	double	true	The maximum totalThroughputMax for all volume hourly samples related to host. Represents the best case scenario of max usage for host.
sumOfMaxVolumeThroughput	double	true	The sum of totalThroughputMax for all volume hourly sample related to host. Represents the worst case scenario of max usage when all maxes happen at the same time.
readIops	double	true	Read io per second average.
writeIops	double	true	Write io per second average.
sumOfAveragesVolumelops	double	true	The sum of totallops for all volume hourly samples related to host. Represents the average usage for host.
maxOfMaxVolumelops	double	true	The maximum totallopsMax for all volume hourly samples related to host. Represents the best case scenario of max usage for host.

Column	Type	Nullabl e	Description
sumOfMaxVolumelops	double	true	The sum of totallopsMax for all volume hourly sample related to host. Represents the worst case scenario of max usage when all maxes happen at the same time.
readCacheHitRatio	double	true	The read cache hit ratio.
writeCacheHitRatio	double	true	The write cache hit ratio.
totalCacheHitRatio	double	true	The total cache hit ratio.
totalCacheHitRatioMax	double	true	The maximum total cache hit ratio.
writePending	bigint(2 0)	true	Number of pending writes.
readIoDensity	double	true	Read io density.
writeloDensity	double	true	Write io density.
totalIoDensity	double	true	Total io density.
totalIoDensityMax	double	true	The maximun total io density.
compressionSavingsPercent	double	true	Compression savings (%).
compressionSavingsSpace	double	true	Compression savings space.

dwh_performance.internal_volume_daily_performance_fact

The performance daily data for internal volumes.

Column	Type	Nullabl e	Description
tk	int(11)	true	TK of the fact.
dateTk	int(11)	true	TK of the date dimension. References:

Column	Type	Nullabl e	Description
			<ul style="list-style-type: none"> • tk in dwh_performance.date_dimension
internalVolumeTk	int(11)	true	<p>TK of the internal volume for performance numbers (if found).</p> <p>References:</p> <ul style="list-style-type: none"> • tk in dwh_performance.internal_volume_dimension
storageTk	int(11)	true	<p>TK of the storage for performance numbers.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in dwh_performance.storage_dimension
virtualStorageTk	int(11)	true	<p>TK of the frontend array in case the capacity is on a backend array. Otherwise, the value is N/A.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in dwh_performance.storage_dimension
storageNodeTk	int(11)	true	<p>TK of the storage node.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in dwh_performance.storage_node_dimension
storagePoolTk	int(11)	true	<p>TK of the storage pool for performance numbers (if found).</p> <p>References:</p> <ul style="list-style-type: none"> • tk in dwh_performance.storage_pool_dimension
applicationTk	int(11)	true	<p>TK of the application representative.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in dwh_performance.application_dimension
applicationGroupTk	int(11)	true	<p>TK of the application group.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in dwh_performance.application_group_dimensio

Column	Type	Nullabl e	Description
<u>n</u>			
tierTk	int(11)	true	TK of the tier. References: <ul style="list-style-type: none">• tk in dwh_performance.tier_dimension
serviceLevelTk	int(11)	true	TK of the service level. References: <ul style="list-style-type: none">• tk in dwh_performance.service_level_dimension
businessEntityTk	int(11)	true	TK of the business entity. References: <ul style="list-style-type: none">• tk in dwh_performance.business_entity_dimension
k8sNamespaceTk	int(11)	true	TK of the k8s namespace. References: <ul style="list-style-type: none">• tk in dwh_performance.k8s_namespace_dimension
k8sNamespaceGroupTk	int(11)	true	TK of the k8s namespace group.
readResponseTime	double	true	Read response time average.
writeResponseTime	double	true	Write response time average.
totalResponseTime	double	true	The total response time average.
totalResponseTimeMax	double	true	The maximum for response time.
readThroughput	double	true	Read throughput average.
writeThroughput	double	true	Write throughput average.
totalThroughput	double	true	Total throughput average (read+write).

Column	Type	Nullable	Description
totalThroughputMax	double	true	The maximum total throughput.
readIops	double	true	Read io per second average.
writelops	double	true	Write io per second average.
totalIops	double	true	Total io per second average (read+write).
totalIopsMax	double	true	The max io per second.
writePending	bigint(20)	true	Number of pending writes maximum for day.
readIoDensity	double	true	Read io density.
writelIoDensity	double	true	Write io density.
totalIoDensity	double	true	Total io density.
totalIoDensityMax	double	true	The maximun total io density.
accessed	int(11)	true	Is internal volume accessed?
frontend	char(1)	true	Is internal volume frontend?
backend	char(1)	true	Is internal volume backend?
timestamp	bigint(20)	true	fact start timestamp, for partitioning

dwh_performance.internal_volume_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this internal volume row.

Column	Type	Nullable	Description
name	varchar(255)	true	Name of the internal volume.
identifier	varchar(768)	true	Identifier of the internal volume.
storagePoolIdentifier	varchar(768)	true	Identifier of the storage pool where this internal volume resides.
storageName	varchar(255)	true	Name of the storage where this internal volume resides.
storageIP	varchar(255)	true	IP of the storage where this internal volume resides.
type	varchar(255)	true	internal volume type.
virtualStorage	varchar(255)	true	Specifies VirtualStorage(e.g.vFiler)
spaceGuarantee	varchar(255)	true	internal volume space guarantee.
thinProvisioningSupported	char(1)	true	is thin provisioning supported for the internal volume.
thinProvisioned	char(1)	true	is the internal volume thin provisioned.
uuid	varchar(255)	true	UUID of the internal volume.
flexGroupIdentifier	varchar(768)	true	FlexGroup identifier to which this internal volume belongs.
url	varchar(255)	true	Url to this internal volume in Insight Server.
id	int(11)	true	GUID of the internal volume in <code>dwh_inventory.internal_volume</code>

Column	Type	Nullable	Description
latest	char(1)	true	Indicates whether this row is the latest one for this internal volume.
dateTk	int(11)	true	TK of the date in which this internal volume row was created. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension

dwh_performance.internal_volume_hourly_performance_fact

The performance data for internal volumes.

Column	Type	Nullable	Description
tk	bigint(20)	true	TK of the fact.
timeTk	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.time_dimension
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension
internalVolumeTk	int(11)	true	TK of the internal volume for performance numbers (if found). References: <ul style="list-style-type: none">• tk in dwh_performance.internal_volume_dimension
storageTk	int(11)	true	TK of the storage for performance numbers. References: <ul style="list-style-type: none">• tk in dwh_performance.storage_dimension

Column	Type	Nullabl e	Description
virtualStorageTk	int(11)	true	TK of the frontend array in case the capacity is on a backend array. Otherwise, the value is N/A. References: <ul style="list-style-type: none">• tk in dwh_performance.storage_dimension
storageNodeTk	int(11)	true	TK of the storage node. References: <ul style="list-style-type: none">• tk in dwh_performance.storage_node_dimension
storagePoolTk	int(11)	true	TK of the storage pool for performance numbers (if found). References: <ul style="list-style-type: none">• tk in dwh_performance.storage_pool_dimension
applicationTk	int(11)	true	TK of the application representative. References: <ul style="list-style-type: none">• tk in dwh_performance.application_dimension
applicationGroupTk	int(11)	true	TK of the application group. References: <ul style="list-style-type: none">• tk in dwh_performance.application_group_dimension
tierTk	int(11)	true	TK of the tier. References: <ul style="list-style-type: none">• tk in dwh_performance.tier_dimension
serviceLevelTk	int(11)	true	TK of the service level. References: <ul style="list-style-type: none">• tk in dwh_performance.service_level_dimension
businessEntityTk	int(11)	true	TK of the business entity.

Column	Type	Nullabl e	Description
References:			
			<ul style="list-style-type: none"> • tk in dwh_performance.business_entity_dimension
k8sNamespaceTk	int(11)	true	TK of the k8s namespace. References:
			<ul style="list-style-type: none"> • tk in dwh_performance.k8s_namespace_dimension
k8sNamespaceGroup Tk	int(11)	true	TK of the k8s namespace group.
readResponseTime	double	true	Read response time.
writeResponseTime	double	true	Write response time
totalResponseTime	double	true	The total response time.
totalResponseTimeM ax	double	true	The maximum for response time.
readThroughput	double	true	Read throughput average.
writeThroughput	double	true	Write throughput average.
totalThroughput	double	true	Total throughput average (read+write).
totalThroughputMax	double	true	The maximum total throughput.
readIops	double	true	Read io per second.
writelops	double	true	Write io per second.
totalIops	double	true	Total io per second average (read+write).
totalIopsMax	double	true	The max io per second.
writePending	bigint(2	true	Number of pending writes.

Column	Type	Nullable	Description
	double	true	0)
readIoDensity	double	true	Read io density.
writeIoDensity	double	true	Write io density.
totalIoDensity	double	true	Total io density.
totalIoDensityMax	double	true	The maximum total io density.
accessed	int(11)	true	Is internal volume accessed?
frontend	char(1)	true	Is internal volume frontend?
backend	char(1)	true	Is internal volume backend?
timestamp	bigint(20)	true	Fact start timestamp, for partitioning

dwh_performance.k8s_cluster_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this cluster row.
identifier	varchar(768)	true	unique identifier of the cluster.
name	varchar(255)	true	Name of the cluster.
id	int(11)	true	GUID of the cluster in <code>dwh_inventory.k8s_cluster</code>
latest	char(1)	true	Indicates whether this row is the latest one for this cluster.
dateTk	int(11)	true	TK of the date in which this cluster row was created. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension

dwh_performance.k8s_namespace_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this namespace row.
identifier	varchar(768)	true	unique identifier of the namespace.
name	varchar(255)	true	Name of the namespace.
clusterName	varchar(255)	true	Cluster name of the namespace.
id	int(11)	true	GUID of the namespace in <code><code>dwh_inventory.k8s_namespace</code></code>
latest	char(1)	true	Indicates whether this row is the latest one for this namespace.
dateTk	int(11)	true	TK of the date in which this namespace row was created. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension

dwh_performance.k8s_namespace_group_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of the k8s namespace group.
repK8sNamespace	varchar(255)	true	Name of the application representing the k8s namespace group.
repK8sNamespaceTk	int(11)	true	TK of the k8s namespace representing the group.
cardinality	smallint(6)	true	Number of k8s namespaces in the application group.
dateTk	int(11)	true	TK of the date in which the k8s namespace group row was created. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension

dwh_performance.k8s_node_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this node row.
identifier	varchar(768)	true	unique identifier of the node.
name	varchar(255)	true	Name of the node.
clusterName	varchar(255)	true	Cluster name of the node.
id	int(11)	true	GUID of the node in <code>dwh_inventory.k8s_node</code>
latest	char(1)	true	Indicates whether this row is the latest one for this node.
dateTk	int(11)	true	TK of the date in which this node row was created. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension

dwh_performance.port_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this port row.
wwn	varchar(255)	true	WWN of the port.
name	varchar(255)	true	Name of the port.
gbicType	varchar(255)	true	Type of GBIC (Gigabit Interface Converter) used for the port.
type	varchar(255)	true	Port type, typically used to identify the protocol used to communicate with the other device, taken from the device itself: F-port, E-port, and so forth.
speed	varchar(12)	true	Speed of the port, in Gbps.
isGenerated	char(1)	true	Indication whether this is a generated wwn (if we do not know the real wwn).
url	varchar(255)	true	Url to this port in Insight Server.

Column	Type	Nullable	Description
id	int(11)	true	GUID of the port in <code>dwh_inventory.switch_port</code>.
latest	char(1)	true	Indicates whether this row is the latest one for this port.
dateTk	int(11)	true	TK of the date in which the port row was created. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension

dwh_performance.qtree_daily_performance_fact

The daily performance data for qtrees.

Column	Type	Nullabl e	Description
tk	int(11)	true	TK of the fact.
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension
qtreeTk	int(11)	true	TK of the qtree for performance counters. References: <ul style="list-style-type: none">• tk in dwh_performance.qtree_dimension
storageTk	int(11)	true	TK of the qtree storage for performance counters. References: <ul style="list-style-type: none">• tk in dwh_performance.storage_dimension
storagePoolTk	int(11)	true	TK of the qtree storage pool for performance counters. References: <ul style="list-style-type: none">• tk in dwh_performance.storage_pool_dimension
internalVolumeTk	int(11)	true	TK of the qtree internal volume for performance

Column	Type	Nullable	Description
			<p>counters.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in dwh_performance.internal_volume_dimension
virtualStorageTk	int(11)	true	<p>TK of the frontend array in case this qtree is on virtual internal volume. Otherwise, the value is N/A.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in dwh_performance.storage_dimension
tierTk	int(11)	true	<p>TK of the tier.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in dwh_performance.tier_dimension
serviceLevelTk	int(11)	true	<p>TK of the service level.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in dwh_performance.service_level_dimension
applicationTk	int(11)	true	<p>TK of the application.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in dwh_performance.application_dimension
applicationGroupTk	int(11)	true	<p>TK of the application group.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in dwh_performance.application_group_dimension
businessEntityTk	int(11)	true	<p>TK of the business entity.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in dwh_performance.business_entity_dimension
k8sNamespaceTk	int(11)	true	<p>TK of the k8s namespace.</p> <p>References:</p>

Column	Type	Nullable	Description
			<ul style="list-style-type: none"> • tk in <u>dwh_performance.k8s_namespace_dimension</u>
k8sNamespaceGroup	int(11)	true	TK of the k8s namespace group.
Tk			
totallops	double	true	Total io per second average (read+write).
totallopsMax	double	true	The max io per second.
timestamp	bigint(20)	true	fact start timestamp, for partitioning

dwh_performance.qtree_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this qtree row.
name	varchar(255)	true	Name of the qtree.
identifier	varchar(768)	true	Identifier of the qtree.
storageIdentifier	varchar(768)	true	Identifier of the storage where this qtree resides.
type	enum('DEFAULT', 'EXPLICIT')	true	Qtree type.
url	varchar(255)	true	Url to this qtree in Insight Server.
id	int(11)	true	GUID of the qtree in <code>dwh_inventory.qtree</code>
latest	char(1)	true	Indicates whether this row is the latest one for this qtree.
dateTk	int(11)	true	TK of the date in which this qtree row was created. References:

Column	Type	Nullable	Description
			<ul style="list-style-type: none"> • tk in dwh_performance.date_dimension

dwh_performance.qtree_hourly_performance_fact

The hourly performance data for qtrees.

Column	Type	Nullable	Description
tk	bigint(20)	true	TK of the fact.
timeTk	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none"> • tk in dwh_performance.time_dimension
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"> • tk in dwh_performance.date_dimension
qtreeTk	int(11)	true	TK of the qtree for performance counters. References: <ul style="list-style-type: none"> • tk in dwh_performance.qtree_dimension
storageTk	int(11)	true	TK of the qtree storage for performance counters. References: <ul style="list-style-type: none"> • tk in dwh_performance.storage_dimension
storagePoolTk	int(11)	true	TK of the qtree storage pool for performance counters. References: <ul style="list-style-type: none"> • tk in dwh_performance.storage_pool_dimension
internalVolumeTk	int(11)	true	TK of the qtree internal volume for performance counters. References: <ul style="list-style-type: none"> • tk in

Column	Type	Nullabl e	Description
<u>dwh_performance.internal_volume_dimension</u>			
virtualStorageTk	int(11)	true	TK of the frontend array in case this qtree is on virtual internal volume. Otherwise, the value is N/A. References: <ul style="list-style-type: none">• tk in <u>dwh_performance.storage_dimension</u>
tierTk	int(11)	true	TK of the tier. References: <ul style="list-style-type: none">• tk in <u>dwh_performance.tier_dimension</u>
serviceLevelTk	int(11)	true	TK of the service level. References: <ul style="list-style-type: none">• tk in <u>dwh_performance.service_level_dimension</u>
applicationTk	int(11)	true	TK of the application. References: <ul style="list-style-type: none">• tk in <u>dwh_performance.application_dimension</u>
applicationGroupTk	int(11)	true	TK of the application group. References: <ul style="list-style-type: none">• tk in <u>dwh_performance.application_group_dimension</u>
businessEntityTk	int(11)	true	TK of the business entity. References: <ul style="list-style-type: none">• tk in <u>dwh_performance.business_entity_dimension</u>
k8sNamespaceTk	int(11)	true	TK of the k8s namespace. References: <ul style="list-style-type: none">• tk in <u>dwh_performance.k8s_namespace_dimension</u>
k8sNamespaceGroup	int(11)	true	TK of the k8s namespace group.

Column	Type	Nullable	Description
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Tk

totallops double true Total io per second average (read+write).

totallopsMax double true The max io per second.

timestamp bigint(20) true fact start timestamp, for partitioning

dwh_performance.service_level_dimension

Column	Type	Nullable	Description
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tk int(11) true TK of this service level row.

name varchar(255) true Identifying name for the service level.

sequence int(11) true Sequential number of the service level as defined in <code>dwh_inventory.annotation_value</code>.

cost double true Cost associated with this service level.

id int(11) true GUID of the service level in <code>dwh_inventory.annotation_value</code>.

latest char(1) true Indicates whether this row is the latest one for this service level.

dateTk int(11) true TK of the date in which this service level row was created.
References:

- tk in [dwh_performance.date_dimension](#)

dwh_performance.storage_dimension

Column	Type	Nullable	Description
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tk int(11) true TK of this storage array row.

Column	Type	Nullable	Description
name	varchar(255)	true	Name of the storage array.
identifier	varchar(768)	true	Identifier of the device.
ip	varchar(255)	true	IP address of the storage array.
model	varchar(255)	true	Model of the storage array.
manufacturer	varchar(255)	true	Manufacturer of the storage array.
serialNumber	varchar(255)	true	Serial number for the storage array.
microcodeVersion	varchar(255)	true	Version of the firmware running on the storage array.
family	varchar(255)	true	Family name of the storage array (e.g. Clariion, Symmetrix etc).
url	varchar(255)	true	Url to this storage in Insight Server.
id	int(11)	true	GUID of the storage array in <code>dwh_inventory.storage</code>.
latest	char(1)	true	Indicates whether this row is the latest one for this storage.
dateTk	int(11)	true	TK of the date in which this stroage array row was created. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension
dataCenter	varchar(255)	true	dataCenter annotation value assigned to dwh_dimensions.storage_dimension

dwh_performance.storage_node_daily_performance_fact

The performance daily data for storage node performance.

Column	Type	Nullable	Description
tk	int(11)	true	TK of the fact.
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension
storageTk	int(11)	true	TK of the storage. References: <ul style="list-style-type: none">• tk in dwh_performance.storage_dimension
storageNodeTk	int(11)	true	TK of the storage node. References: <ul style="list-style-type: none">• tk in dwh_performance.storage_node_dimension
tierTk	int(11)	true	TK of the tier. References: <ul style="list-style-type: none">• tk in dwh_performance.tier_dimension
readResponseTime	double	true	Read response time.
writeResponseTime	double	true	Write response time.
totalResponseTime	double	true	Total response time.
totalResponseTimeMax	double	true	Total max response time.
readThroughput	double	true	Read throughput average.
writeThroughput	double	true	Write throughput average.
totalThroughput	double	true	Total throughput average (read+write).
totalThroughputMax	double	true	The maximum total throughput.
readIops	double	true	Read io per second.

Column	Type	Nullable	Description
writelops	double	true	Write io per second.
totallops	double	true	Total io per second average (read+write).
totallopsMax	double	true	The max io per second.
diskReadsReplaced	double	true	Disk read replaced.
cacheHitRatio	double	true	Cache hit ration.
utilization	double	true	Utilization (%)
utilizationMax	double	true	Max utilization (%)
portUtilization	double	true	[Deprecated] Port utilization (%)
portErrors	bigint(20)	true	[Deprecated] Port errors.
portTraffic	double	true	[Deprecated] Port traffic.
accessed	int(11)	true	Is storage node accessed?
timestamp	bigint(20)	true	fact start timestamp, for partitioning

dwh_performance.storage_node_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this storage node row.
name	varchar(255)	true	Name of the storage node.
identifier	varchar(768)	true	Identifier of the storage node.
version	varchar(255)	true	Version of the storage node.
model	varchar(255)	true	Model of the storage node.

Column	Type	Nullable	Description
serialNumber	varchar(255)	true	SerialNumber of the storage node.
url	varchar(255)	true	Url to this storage node in Insight Server.
id	int(11)	true	GUID of the storage node in <code>dwh_inventory.storage_node</code>
latest	char(1)	true	Indicates whether this row is the latest one for this storage node.
dateTk	int(11)	true	TK of the date in which this storage node row was created. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension

dwh_performance.storage_node_hourly_performance_fact

The performance hourly data for storage node performance.

Column	Type	Nullabl e	Description
tk	int(11)	true	TK of the fact.
timeTk	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.time_dimension
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension
storageTk	int(11)	true	TK of the storage. References: <ul style="list-style-type: none">• tk in dwh_performance.storage_dimension
storageNodeTk	int(11)	true	TK of the storage node.

Column	Type	Nullable	Description
			References: <ul style="list-style-type: none">• tk in dwh_performance.storage_node_dimension
tierTk	int(11)	true	TK of the tier. References: <ul style="list-style-type: none">• tk in dwh_performance.tier_dimension
readResponseTime	double	true	Read response time.
writeResponseTime	double	true	Write response time.
totalResponseTime	double	true	Total response time.
totalResponseTimeMax	double	true	Total max response time.
readThroughput	double	true	Read throughput average.
writeThroughput	double	true	Write throughput average.
totalThroughput	double	true	Total throughput average (read+write).
totalThroughputMax	double	true	The maximum total throughput.
readIops	double	true	Read io per second.
writelops	double	true	Write io per second.
totalIops	double	true	Total io per second average (read+write).
totalIopsMax	double	true	The max io per second.
diskReadsReplaced	double	true	Disk read replaced.
cacheHitRatio	double	true	Cache hit ration.
utilization	double	true	Utilization (%)

Column	Type	Nullable	Description
utilizationMax	double	true	Max utilization (%)
portUtilization	double	true	[Deprecated] Port utilization (%)
portErrors	bigint(20)	true	[Deprecated] Port errors.
portTraffic	double	true	[Deprecated] Port traffic.
accessed	int(11)	true	Is storage node accessed?
timestamp	bigint(20)	true	fact start timestamp, for partitioning

dwh_performance.storage_pool_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this storage pool row.
identifier	varchar(768)	true	Identifier of the device.
name	varchar(255)	true	Name of the storage pool.
storageName	varchar(255)	true	Name of the storage where this storage pool resides.
storageIP	varchar(255)	true	IP of the storage where this storage pool resides.
type	varchar(255)	true	Storage pool type (e.g., RAID, AGGREGATE, etc.).
redundancy	varchar(255)	true	Storage pool redundancy.

Column	Type	Nullable	Description
thinProvisioningSupported	char(1)	true	Indicates whether thin provisioning is supported by the storage pool.
isVirtual	char(1)	true	Virtual indicates this is a frontend storage pool in array virtualization.
usesFlashPools	char(1)	true	Indicates whether this storage pool uses flash pools.
url	varchar(255)	true	Url to this storage pool in Insight Server.
id	int(11)	true	GUID of the storage pool in <code>dwh_inventory.storage_pool</code>
latest	char(1)	true	Indicates whether this row is the latest one for this storage pool.
dateTk	int(11)	true	TK of the date in which this storage pool row was created. References: <ul style="list-style-type: none">• tk in <u>dwh_performance.date_dimension</u>

dwh_performance.switch_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this switch row.
wwn	varchar(255)	true	WWN of the switch.
name	varchar(255)	true	Name of the switch.
identifier	varchar(768)	true	Identifier of the device.
ip	varchar(255)	true	IP address of the switch.

Column	Type	Nullable	Description
model	varchar(255)	true	Model of the switch.
manufacturer	varchar(255)	true	Manufacturer of the switch.
firmware	varchar(255)	true	Firmware version running on the switch.
serialNumber	varchar(255)	true	Serial number of the switch.
npv	char(1)	true	Indication whether this is an NPV switch.
isGenerated	char(1)	true	Indication whether this switch does not correspond to a physical device. It is used to model one to many port connectivity.
type	enum('CHASSIS', 'FABRIC_LOGICAL', 'FABRIC_PHYSICAL', 'NPV_CHASSIS', 'NPV_LOGICAL', 'NPV_PHYSICAL', 'NPV_HUB')	true	Switch type.
url	varchar(255)	true	Url to this switch in Insight Server.
id	int(11)	true	GUID of the switch in <code><code>dwh_inventory.switch</code></code> .
latest	char(1)	true	Indicates whether this row is the latest one for this switch.
dateTk	int(11)	true	TK of the date in which this switch row was created. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension
dataCenter	varchar(255)	true	dataCenter annotation value assigned to dwh_dimensions.switch_dimension
switchLevel	varchar(255)	true	switchLevel annotation value assigned to dwh_dimensions.switch_dimension

dwh_performance.switch_performance_for_host_hourly_fact

The performance hourly data for host using port performance.

Column	Type	Nullabl e	Description
tk	bigint(20)	true	TK of the fact.
timeTk	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.time_dimension
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension
hostTk	int(11)	true	TK of the host. References: <ul style="list-style-type: none">• tk in dwh_performance.host_dimension
applicationTk	int(11)	true	TK of the representative application dimension for host. References: <ul style="list-style-type: none">• tk in dwh_performance.application_dimension
applicationGroupTk	int(11)	true	TK of the application group dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.application_group_dimension
businessEntityTk	int(11)	true	TK of the business entity dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.business_entity_dimension
rxTraffic	double	true	Receiving traffic (MB)

Column	Type	Nullabl e	Description
txTraffic	double	true	Transmitting traffic (MB)
totalTraffic	double	true	Total traffic (MB)
errorRateFlag	char(1)	true	Error rate flag
crcErrorRateFlag	char(1)	true	CRC error rate flag
syncLossCount	bigint(20)	true	Synchronization loss count
signalLossCount	bigint(20)	true	Signal loss count
class3DiscardCount	bigint(20)	true	Class 3 discard count
frameTooShortCount	bigint(20)	true	Frame too short count
frameTooLongCount	bigint(20)	true	Frame too long count
bbCreditErrorCount	bigint(20)	true	BB Credit error count
rx	double	true	Receive usage (%)
tx	double	true	Transmit usage (%)
rxMax	double	true	Max receive usage (%)
txMax	double	true	Max transmit usage (%)
trafficUtilizationTotal	double	true	Total traffic usage (%)
trafficUtilizationTotalM ax	double	true	The maximum total traffic usage (%)
rxLinkResets	bigint(20)	true	Receive link resets

Column	Type	Nullable	Description
)		
txLinkResets	bigint(20)	true	Transfer link resets
)		
balanceIndex	smallint(6)	true	The host port balance index
weightedBalanceIndex	smallint(6)	true	The host port weighted balance index
portSpeed	int(11)	true	The port speed for fact
portCount	int(11)	true	The port count for fact
portErrorsLinkFailure	bigint(20)	true	Link failures count
)		
bbCreditZeroRx	bigint(20)	true	Receive BBCredit zero
)		
bbCreditZeroTx	bigint(20)	true	Transfer BBCredit zero
)		
bbCreditZeroMsTx	double	true	[Deprecated] Transfer BBCredit zero Ms
bbCreditZeroTotal	bigint(20)	true	Total BBCredit zero
)		
trafficRateTx	double	true	Transfer traffic rate
trafficRateRx	double	true	Receive traffic rate
trafficRateTotal	double	true	Total traffic rate
trafficFrameRateTx	double	true	Transfer traffic frame rate
trafficFrameRateRx	double	true	Receive traffic frame rate
trafficFrameRateTotal	double	true	Total traffic frame rate

Column	Type	Nullabl e	Description
trafficFrameSizeAvgTx	bigint(20)	true	Transfer traffic frame average size
trafficFrameSizeAvgRx	bigint(20)	true	Receive traffic frame average size
portErrorsTimeoutDiscardTx	bigint(20)	true	Transfer Timeout discard count
portErrorsCrc	bigint(20)	true	CRC errors count
portErrorsEncIn	bigint(20)	true	Encoding errors inside frames
portErrorsEncOut	bigint(20)	true	Encoding errors outside of frames

dwh_performance.switch_performance_for_port_hourly_fact

The performance hourly data for switch ports.

Column	Type	Nullabl e	Description
tk	bigint(20)	true	TK of the fact.
timeTk	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.time_dimension
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension
portTk	int(11)	true	TK of the port.

Column	Type	Nullable	Description
			References: <ul style="list-style-type: none">• tk in dwh_performance.port_dimension
switchTk	int(11)	true	TK of the switch. References: <ul style="list-style-type: none">• tk in dwh_performance.switch_dimension
fabricTk	int(11)	true	TK of the fabric. References: <ul style="list-style-type: none">• tk in dwh_performance.fabric_dimension
connectedDeviceTk	int(11)	true	TK of connected device. References: <ul style="list-style-type: none">• tk in dwh_performance.connected_device_dimension
connectivityType	enum('Storage', 'Host', 'ISL', 'Free', 'Generic', 'Tape', 'N/A')	true	Type of the connected device.
isl	char(1)	true	Is this port an ISL port?
rxTraffic	double	true	Receiving traffic (MB)
txTraffic	double	true	Transmitting traffic (MB)
totalTraffic	double	true	Total traffic (MB)
errorRateFlag	char(1)	true	Error rate flag
crcErrorRateFlag	char(1)	true	CRC error rate flag
syncLossCount	bigint(20)	true	Synchronization loss count
signalLossCount	bigint(20)	true	Signal loss count

Column	Type	Nullable	Description
class3DiscardCount	bigint(20)	true	Class 3 discard count
frameTooShortCount	bigint(20)	true	Frame too short count
frameTooLongCount	bigint(20)	true	Frame too long count
bbCreditErrorCount	bigint(20)	true	BB Credit error count
rx	double	true	Receive usage (%)
tx	double	true	Transmit usage (%)
rxMax	double	true	Max receive usage (%)
txMax	double	true	Max transmit usage (%)
trafficUtilizationTotal	double	true	Total traffic usage (%)
trafficUtilizationTotalMax	double	true	The maximum total traffic usage (%)
rxLinkResets	bigint(20)	true	Receive link resets
txLinkResets	bigint(20)	true	Transfer link resets
portErrorsLinkFailure	bigint(20)	true	Link failures count
bbCreditZeroRx	bigint(20)	true	Receive BBCredit zero
bbCreditZeroTx	bigint(20)	true	Transfer BBCredit zero
bbCreditZeroMsTx	double	true	[Deprecated] Transfer BBCredit zero Ms
bbCreditZeroTotal	bigint(20)	true	Total BBCredit zero
trafficRateTx	double	true	Transfer traffic rate
trafficRateRx	double	true	Receive traffic rate

Column	Type	Nullable	Description
trafficRateTotal	double	true	Total traffic rate
trafficFrameRateTx	double	true	Transfer traffic frame rate
trafficFrameRateRx	double	true	Receive traffic frame rate
trafficFrameRateTotal	double	true	Total traffic frame rate
trafficFrameSizeAvgTx	bigint(20)	true	Transfer traffic frame average size
trafficFrameSizeAvgRx	bigint(20)	true	Receive traffic frame average size
portErrorsTimeoutDiscardTx	bigint(20)	true	Transfer Timeout discard count
portErrorsCrc	bigint(20)	true	CRC errors count
portErrorsEncIn	bigint(20)	true	Encoding errors inside frames
portErrorsEncOut	bigint(20)	true	Encoding errors outside of frames
timestamp	bigint(20)	true	fact start timestamp, for partitioning

dwh_performance.switch_performance_for_storage_hourly_fact

The storage port performance hourly data.

Column	Type	Nullable	Description
tk	bigint(20)	true	TK of the fact.
timeTk	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.time_dimension
dateTk	int(11)	true	TK of the date dimension.

Column	Type	Nullabl e	Description
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			References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension
storageTk	int(11)	true	TK of the storage. References: <ul style="list-style-type: none">• tk in dwh_performance.storage_dimension
rxTraffic	double	true	Receiving traffic (MB)
txTraffic	double	true	Transmitting traffic (MB)
totalTraffic	double	true	Total traffic (MB)
errorRateFlag	char(1)	true	Error rate flag
crcErrorRateFlag	char(1)	true	CRC error rate flag
syncLossCount	bigint(20)	true	Synchronization loss count
signalLossCount	bigint(20)	true	Signal loss count
class3DiscardCount	bigint(20)	true	Class 3 discard count
frameTooShortCount	bigint(20)	true	Frame too short count
frameTooLongCount	bigint(20)	true	Frame too long count
bbCreditErrorCount	bigint(20)	true	BB Credit error count
rx	double	true	Receive usage (%)
tx	double	true	Transmit usage (%)
rxMax	double	true	Max receive usage (%)
txMax	double	true	Max transmit usage (%)
trafficUtilizationTotal	double	true	Total traffic usage (%)

Column	Type	Nullabl e	Description
trafficUtilizationTotalMax	double	true	The maximum total traffic usage (%)
rxLinkResets	bigint(20)	true	Receive link resets
txLinkResets	bigint(20)	true	Transfer link resets
balanceIndex	smallint(6)	true	The host port balance index
weightedBalanceIndex	smallint(6)	true	The host port weighted balance index
portSpeed	int(11)	true	The port speed for fact
portCount	int(11)	true	The port count for fact
portErrorsLinkFailure	bigint(20)	true	Link failures count
bbCreditZeroRx	bigint(20)	true	Receive BBCredit zero
bbCreditZeroTx	bigint(20)	true	Transfer BBCredit zero
bbCreditZeroMsTx	double	true	[Deprecated] Transfer BBCredit zero Ms
bbCreditZeroTotal	bigint(20)	true	Total BBCredit zero
trafficRateTx	double	true	Transfer traffic rate
trafficRateRx	double	true	Receive traffic rate
trafficRateTotal	double	true	Total traffic rate
trafficFrameRateTx	double	true	Transfer traffic frame rate
trafficFrameRateRx	double	true	Receive traffic frame rate
trafficFrameRateTotal	double	true	Total traffic frame rate

Column	Type	Nullabl e	Description
trafficFrameSizeAvgTx	bigint(20)	true	Transfer traffic frame average size
trafficFrameSizeAvgRx	bigint(20)	true	Receive traffic frame average size
portErrorsTimeoutDiscard Tx	bigint(20)	true	Transfer Timeout discard count
portErrorsCrc	bigint(20)	true	CRC errors count
portErrorsEncIn	bigint(20)	true	Encoding errors inside frames
portErrorsEncOut	bigint(20)	true	Encoding errors outside of frames

dwh_performance.switch_performance_for_tape_hourly_fact

The tape port performance hourly data.

Column	Type	Nullabl e	Description
tk	bigint(20)	true	TK of the fact.
timeTk	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.time_dimension
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension
tapeTk	int(11)	true	TK of the tape. References: <ul style="list-style-type: none">• tk in dwh_performance.tape_dimension
rxTraffic	double	true	Receiving traffic (MB)

Column	Type	Nullable	Description
txTraffic	double	true	Transmitting traffic (MB)
totalTraffic	double	true	Total traffic (MB)
errorRateFlag	char(1)	true	Error rate flag
crcErrorRateFlag	char(1)	true	CRC error rate flag
syncLossCount	bigint(20)	true	Synchronization loss count
signalLossCount	bigint(20)	true	Signal loss count
class3DiscardCount	bigint(20)	true	Class 3 discard count
frameTooShortCount	bigint(20)	true	Frame too short count
frameTooLongCount	bigint(20)	true	Frame too long count
bbCreditErrorCount	bigint(20)	true	BB Credit error count
rx	double	true	Receive usage (%)
tx	double	true	Transmit usage (%)
rxMax	double	true	Max receive usage (%)
txMax	double	true	Max transmit usage (%)
trafficUtilizationTotal	double	true	Total traffic usage (%)
trafficUtilizationTotalMax	double	true	The maximum total traffic usage (%)
rxLinkResets	bigint(20)	true	Receive link resets
txLinkResets	bigint(20)	true	Transfer link resets
balanceIndex	smallint(6)	true	The host port balance index

Column	Type	Nullable	Description
)			
weightedBalanceIndex	smallint(6)	true	The host port weighted balance index
)			
portSpeed	int(11)	true	The port speed for fact
portCount	int(11)	true	The port count for fact
portErrorsLinkFailure	bigint(20)	true	Link failures count
bbCreditZeroRx	bigint(20)	true	Receive BBCredit zero
bbCreditZeroTx	bigint(20)	true	Transfer BBCredit zero
bbCreditZeroMsTx	double	true	[Deprecated] Transfer BBCredit zero Ms
bbCreditZeroTotal	bigint(20)	true	Total BBCredit zero
trafficRateTx	double	true	Transfer traffic rate
trafficRateRx	double	true	Receive traffic rate
trafficRateTotal	double	true	Total traffic rate
trafficFrameRateTx	double	true	Transfer traffic frame rate
trafficFrameRateRx	double	true	Receive traffic frame rate
trafficFrameRateTotal	double	true	Total traffic frame rate
trafficFrameSizeAvgTx	bigint(20)	true	Transfer traffic frame average size
trafficFrameSizeAvgRx	bigint(20)	true	Receive traffic frame average size
portErrorsTimeoutDiscardTx	bigint(20)	true	Transfer Timeout discard count
portErrorsCrc	bigint(20)	true	CRC errors count

Column	Type	Nullable	Description
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portErrorsEncIn	bigint(20)	true	Encoding errors inside frames
portErrorsEncOut	bigint(20)	true	Encoding errors outside of frames

dwh_performance.tape_dimension

Column	Type	Nullable	Description
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tk	int(11)	true	TK of this tape row.
name	varchar(255)	true	Name of the tape.
identifier	varchar(768)	true	Identifier of the device.
ip	varchar(255)	true	IP address of the tape.
manufacturer	varchar(255)	true	Manufacturer of the tape.
serialNumber	varchar(255)	true	Serial number for the tape.
id	int(11)	true	GUID of the tape in <code>dwh_inventory.tape</code>.
latest	char(1)	true	Indicates whether this row is the latest one for this tape.
dateTk	int(11)	true	TK of the date in which this tape row was created. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension

dwh_performance.tier_dimension

Column	Type	Nullable	Description
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tk	int(11)	true	TK of this tier row.
name	varchar(255)	true	Identifying name for the tier.
sequence	int(11)	true	Sequential number of the tier as defined in

Column	Type	Nullable	Description
			<code>dwh_inventory.annotation_value</code>.
cost	double	true	Cost associated with this tier.
id	int(11)	true	GUID of the tier in <code>dwh_inventory.annotation_value</code>.
latest	char(1)	true	Indicates whether this row is the latest one for this tier.
dateTk	int(11)	true	TK of the date in which this tier row was created. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension

dwh_performance.time_dimension

Time dimension for performance fact tables.

Column	Type	Nullable	Description
tk	int(11)	true	TK of the time dimension.
hourDateTime	datetime	true	The full date + hour representation for this dimension (minutes and seconds zeroed out)
hour	tinyint(4)	true	Hour in day, 24 hour format
minute	tinyint(4)	true	Minute in hour
second	tinyint(4)	true	Second in minute
microsecond	mediumint(9)	true	Microseconds in second
dateTk	int(11)	true	TK for the related date dimension day representative (if any) References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension

dwh_performance.vm_daily_performance_fact

The performance daily data for vm performance.

Column	Type	Nullable	Description
tk	int(11)	true	TK of the fact.
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension
hostTk	int(11)	true	TK of the host. References: <ul style="list-style-type: none">• tk in dwh_performance.host_dimension
vmTk	int(11)	true	TK of the vm. References: <ul style="list-style-type: none">• tk in dwh_performance.vm_dimension
businessEntityTk	int(11)	true	TK of the business entity. References: <ul style="list-style-type: none">• tk in dwh_performance.business_entity_dimension
applicationTk	int(11)	true	TK of the application representative. References: <ul style="list-style-type: none">• tk in dwh_performance.application_dimension
applicationGroupTk	int(11)	true	TK of the application group. References: <ul style="list-style-type: none">• tk in dwh_performance.application_group_dimension
k8sNodeTk	int(11)	true	TK of the k8s node.
readIops	double	true	Read io per second.
writelops	double	true	Write io per second.

Column	Type	Nullabe	Description
totalIops	double	true	Total io per second average (read+write).
totalIopsMax	double	true	The max io per second.
readThroughput	double	true	Read throughput average.
writeThroughput	double	true	Write throughput average.
totalThroughput	double	true	Total throughput average (read+write).
totalThroughputMax	double	true	The maximum total throughput.
readResponseTime	double	true	Read response time.
writeResponseTime	double	true	Write response time.
totalResponseTime	double	true	Total response time.
totalResponseTimeMax	double	true	Total max response time.
ipReceiveThroughput	double	true	Ip Receive Throughput.
ipTransmitThroughput	double	true	Ip Transmit Throughput.
ipTotalThroughput	double	true	Ip Total Throughput.
ipTotalThroughputMax	double	true	The maximum ip Total Throughput.
cpuUtilization	double	true	CPU utilization (%)
maxOfAvgCpuUtilization	double	true	[Deprecated] MAX CPU utilization (%)
maxOfMaxCpuUtilization	double	true	MAX CPU utilization (%)
memoryUtilization	double	true	Memory utilization (%)

Column	Type	Nullable	Description
maxOfAvgMemoryUtilization	double	true	[Deprecated] MAX Memory utilization (%)
maxOfMaxMemoryUtilization	double	true	MAX Memory utilization (%)
swapInRate	double	true	Swap in rate
maxOfAvgSwapInRate	double	true	Max swap in rate
swapOutRate	double	true	Swap out rate
maxOfAvgSwapOutRate	double	true	Max swap out rate
swapTotalRate	double	true	Total swap rate
swapTotalRateMax	double	true	The maximum total swap rate
processors	int(11)	true	Number of processors of the virtual machine.
memory	bigint(20)	true	Memory of the virtual machine, in MB.
cpuCoSchedulingDelayTimePercent	double	true	CPU Co-Stop Time (%)
cpuDemandToEntitlementPercent	double	true	CPU Demand-To-Entitlement Ratio (%)
cpuidleTimePercent	double	true	CPU Idle Time (%)
waitingToBeScheduledTimePercent	double	true	CPU Ready Time (%)
cpuTotalWaitTimePercent	double	true	CPU Wait Time (%)
timestamp	bigint(20)	true	fact start timestamp, for partitioning

dwh_performance.vm_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this virtual machine row.
name	varchar(255)	true	Name of the virtual machine.
naturalKey	varchar(768)	true	Natural identifier of the virtual machine.
os	varchar(255)	true	Guest operating system.
virtualCenterIp	varchar(255)	true	IP address of virtual center of the virtual machine.
ips	varchar(4096)	true	Comma separated list of IP addresses of the virtual machine.
url	varchar(255)	true	Url to this virtual machine in Insight Server.
id	int(11)	true	GUID of the virtual machine in <code><code>dwh_inventory.hv_virtual_machine</code></code>
latest	char(1)	true	Indicates whether this row is the latest one for this virtual machine.
dateTk	int(11)	true	TK of the date in which this virtual machine row was created. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension

dwh_performance.vm_hourly_performance_fact

The performance hourly data for vm performance.

Column	Type	Nullab le	Description
tk	bigint(20)	true	TK of the fact.
timeTk	int(11)	true	TK of the time dimension. References:

Column	Type	Nullability	Description
			<ul style="list-style-type: none"> • tk in dwh_performance.time_dimension
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"> • tk in dwh_performance.date_dimension
hostTk	int(11)	true	TK of the host. References: <ul style="list-style-type: none"> • tk in dwh_performance.host_dimension
vmTk	int(11)	true	TK of the vm. References: <ul style="list-style-type: none"> • tk in dwh_performance.vm_dimension
businessEntityTk	int(11)	true	TK of the business entity. References: <ul style="list-style-type: none"> • tk in dwh_performance.business_entity_dimension
applicationTk	int(11)	true	TK of the application representative. References: <ul style="list-style-type: none"> • tk in dwh_performance.application_dimension
applicationGroupTk	int(11)	true	TK of the application group. References: <ul style="list-style-type: none"> • tk in dwh_performance.application_group_dimension
k8sNodeTk	int(11)	true	TK of the k8s node.
readIops	double	true	Read io per second.
writelops	double	true	Write io per second.

Column	Type	Nullable	Description
totalIops	double	true	Total io per second average (read+write).
totalIopsMax	double	true	The max io per second.
readThroughput	double	true	Read throughput average.
writeThroughput	double	true	Write throughput average.
totalThroughput	double	true	Total throughput average (read+write).
totalThroughputMax	double	true	The maximum total throughput.
readResponseTime	double	true	Read response time.
writeResponseTime	double	true	Write response time.
totalResponseTime	double	true	Total response time.
totalResponseTimeMax	double	true	Total max response time.
ipReceiveThroughput	double	true	Ip Receive Throughput.
ipTransmitThroughput	double	true	Ip Transmit Throughput.
ipTotalThroughput	double	true	Ip Total Throughput.
ipTotalThroughputMax	double	true	The maximum ip Total Throughput.
cpuUtilization	double	true	CPU utilization (%)
memoryUtilization	double	true	Memory utilization (%)
cpuUtilizationMax	double	true	The maximum CPU utilization (%)
memoryUtilizationMax	double	true	The maximum memory utilization (%)
swapInRate	double	true	Swap in rate
swapOutRate	double	true	Swap out rate

Column	Type	Nullable	Description
swapTotalRate	double	true	Total swap rate
swapTotalRateMax	double	true	The maximum total swap rate
processors	int(11)	true	Number of processors of the virtual machine.
memory	bigint(20)	true	Memory of the virtual machine, in MB.
cpuCoSchedulingDelayTimePercent	double	true	CPU Co-Stop Time (%)
cpuDemandToEntitlementPercent	double	true	CPU Demand-To-Entitlement Ratio (%)
cpuidleTimePercent	double	true	CPU Idle Time (%)
waitingToBeScheduledTimePercent	double	true	CPU Ready Time (%)
cpuTotalWaitTimePercent	double	true	CPU Wait Time (%)
timestamp	bigint(20)	true	fact start timestamp, for partitioning

dwh_performance.vmdk_daily_performance_fact

The performance daily data for vmdk performance.

Column	Type	Nullable	Description
tk	int(11)	true	TK of the fact.
dateTk	int(11)	true	TK of the date dimension. References:
			<ul style="list-style-type: none"> • tk in dwh_performance.date_dimension
vmdkTk	int(11)	true	TK of the virtual disk.

Column	Type	Nullable	Description
			References: <ul style="list-style-type: none">• tk in dwh_performance.vmdk_dimension
dataStoreTk	int(11)	true	TK of the datastore. References: <ul style="list-style-type: none">• tk in dwh_performance.datastore_dimension
vmTk	int(11)	true	TK of the vm. References: <ul style="list-style-type: none">• tk in dwh_performance.vm_dimension
hostTk	int(11)	true	TK of the host. References: <ul style="list-style-type: none">• tk in dwh_performance.host_dimension
tierTk	int(11)	true	TK of the tier. References: <ul style="list-style-type: none">• tk in dwh_performance.tier_dimension
serviceLevelTk	int(11)	true	TK of the service level. References: <ul style="list-style-type: none">• tk in dwh_performance.service_level_dimension
storageTk	int(11)	true	TK of the storage. References: <ul style="list-style-type: none">• tk in dwh_performance.storage_dimension
readIops	double	true	Read io per second.
writelops	double	true	Write io per second.
totalIops	double	true	Total io per second average (read+write).
totalIopsMax	double	true	The max io per second.

Column	Type	Nullable	Description
readThroughput	double	true	Read throughput average.
writeThroughput	double	true	Write throughput average.
totalThroughput	double	true	Total throughput average (read+write).
totalThroughputMax	double	true	The maximum total throughput.
readResponseTime	double	true	Read response time.
writeResponseTime	double	true	Write response time.
totalResponseTime	double	true	Total response time.
totalResponseTimeMax	double	true	Total max response time.
timestamp	bigint(20)	true	fact start timestamp, for partitioning

dwh_performance.vmdk_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this virtual disk row.
naturalKey	varchar(768)	true	Oid of the virtual disk.
name	varchar(255)	true	Name of the virtual disk.
type	varchar(255)	true	Type of the virtual disk.
url	varchar(255)	true	Url to this virtual disk in Insight Server.
id	int(11)	true	GUID of the virtual disk in <code><code>dwh_inventory.hv_virtual_disk</code></code>
latest	char(1)	true	Indicates whether this row is the latest one for this virtual disk.

Column	Type	Nullable	Description
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dateTk int(11) true TK of the date in which this virtual disk row was created.
References:

- tk in [dwh_performance.date_dimension](#)

dwh_performance.vmdk_hourly_performance_fact

The performance hourly data for vmdk performance.

Column	Type	Nullable	Description
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tk bigint(20) true TK of the fact.
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timeTk int(11) true TK of the time dimension.
References:

- tk in [dwh_performance.time_dimension](#)

dateTk int(11) true TK of the date dimension.
References:

- tk in [dwh_performance.date_dimension](#)

vmdkTk int(11) true TK of the virtual disk.
References:

- tk in [dwh_performance.vmdk_dimension](#)

dataStoreTk int(11) true TK of the datastore.
References:

- tk in [dwh_performance.datastore_dimension](#)

vmTk int(11) true TK of the vm.
References:

- tk in [dwh_performance.vm_dimension](#)

hostTk int(11) true TK of the host.
References:

Column	Type	Nullable	Description
			<ul style="list-style-type: none"> • tk in dwh_performance.host_dimension
tierTk	int(11)	true	TK of the tier. References: <ul style="list-style-type: none"> • tk in dwh_performance.tier_dimension
serviceLevelTk	int(11)	true	TK of the service level. References: <ul style="list-style-type: none"> • tk in dwh_performance.service_level_dimension
storageTk	int(11)	true	TK of the storage. References: <ul style="list-style-type: none"> • tk in dwh_performance.storage_dimension
readIops	double	true	Read io per second.
writelops	double	true	Write io per second.
totalIops	double	true	Total io per second average (read+write).
totalIopsMax	double	true	The max io per second.
readThroughput	double	true	Read throughput average.
writeThroughput	double	true	Write throughput average.
totalThroughput	double	true	Total throughput average (read+write).
totalThroughputMax	double	true	The maximum total throughput.
readResponseTime	double	true	Read response time.
writeResponseTime	double	true	Write response time.
totalResponseTime	double	true	Total response time.
totalResponseTimeMa	double	true	Total max response time.

Column	Type	Nullabl e	Description
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timestamp	bigint(20)	true	fact start timestamp, for partitioning
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dwh_performance.volume_daily_performance_fact

The performance daily data for volumes.

Column	Type	Nullabl e	Description
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tk	int(11)	true	TK of the fact.
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension
volumeTk	int(11)	true	TK of the volume for performance numbers. References: <ul style="list-style-type: none">• tk in dwh_performance.volume_dimension
storageTk	int(11)	true	TK of the storage for performance numbers. References: <ul style="list-style-type: none">• tk in dwh_performance.storage_dimension
virtualStorageTk	int(11)	true	TK of the frontend array in case the capacity is on a backend array. Otherwise, the value is N/A. References: <ul style="list-style-type: none">• tk in dwh_performance.storage_dimension
storageNodeTk	int(11)	true	TK of the storage node. References: <ul style="list-style-type: none">• tk in dwh_performance.storage_node_dimension
storagePoolTk	int(11)	true	TK of the storage pool for performance numbers.

Column	Type	Nullable	Description
			<p>References:</p> <ul style="list-style-type: none"> • tk in <u>dwh_performance.storage_pool_dimension</u>
applicationTk	int(11)	true	<p>TK of the application representative.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in <u>dwh_performance.application_dimension</u>
applicationGroupTk	int(11)	true	<p>TK of the application group.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in <u>dwh_performance.application_group_dimension</u>
hostTk	int(11)	true	<p>TK of the host representative.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in <u>dwh_performance.host_dimension</u>
hostGroupTk	int(11)	true	<p>TK of the host group.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in <u>dwh_performance.host_group_dimension</u>
tierTk	int(11)	true	<p>TK of the tier.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in <u>dwh_performance.tier_dimension</u>
serviceLevelTk	int(11)	true	<p>TK of the service level.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in <u>dwh_performance.service_level_dimension</u>
businessEntityTk	int(11)	true	<p>TK of the business entity.</p> <p>References:</p> <ul style="list-style-type: none"> • tk in

Column	Type	Nullable	Description
			<u>dwh_performance.business_entity_dimension</u>
k8sNamespaceTk	int(11)	true	TK of the k8s namespace. References: <ul style="list-style-type: none">• <u>tk in dwh_performance.k8s_namespace_dimension</u>
k8sNamespaceGroupTk	int(11)	true	TK of the k8s namespace group.
readResponseTime	double	true	Read response time average.
writeResponseTime	double	true	Write response time average.
totalResponseTime	double	true	The maximum for average response time.
totalResponseTimeMax	double	true	The maximum for response time.
readThroughput	double	true	Read throughput average.
writeThroughput	double	true	Write throughput average.
totalThroughput	double	true	Total throughput average (read+write).
totalThroughputMax	double	true	The maximum total throughput.
readIops	double	true	Read io per second average.
writelops	double	true	Write io per second average.
totalIops	double	true	Total io per second average (read+write).
totalIopsMax	double	true	The max io per second.
readCacheHitRatio	double	true	The read cache hit ratio.
writeCacheHitRatio	double	true	The write cache hit ratio.

Column	Type	Nullable	Description
totalCacheHitRatio	double	true	The total cache hit ratio.
totalCacheHitRatioMax	double	true	The maximum total cache hit ratio.
writePending	bigint(20)	true	Number of pending writes maximum for day.
readIoDensity	double	true	Read io density.
writIoDensity	double	true	Write io density.
totalIoDensity	double	true	Total io density.
totalIoDensityMax	double	true	The maximun total io density.
compressionSavingsPercent	double	true	Compression savings (%).
compressionSavingsSpace	double	true	Compression savings space.
accessed	int(11)	true	Is volume accessed?
frontend	char(1)	true	Is volume frontend?
backend	char(1)	true	Is volume backend?
timestamp	bigint(20)	true	fact start timestamp, for partitioning

dwh_performance.volume_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this volume row.
storageIdentifier	varchar(768)	true	Identifier of the volume storage.
name	varchar(255)	true	Name of the volume.

Column	Type	Nullable	Description
label	varchar(255)	true	Label of the volume.
thinProvisioned	char(1)	true	Is volume thin provisioned?
type	varchar(255)	true	type of the volume.
isVirtual	char(1)	true	Is volume a virtual volume?
meta	char(1)	true	Is volume a meta volume?
snapshot	char(1)	true	Indicates whether this volume is a snapshot volume.
technologyType	enum('FC', 'ISCSI', 'UNKNOWN')	true	Specifies the technology type (FC/ISCSI/UNKNOWN).
uuid	varchar(255)	true	UUID of the volume.
isMainframe	char(1)	true	Is Mainframe volume?
url	varchar(255)	true	Url to this volume in Insight Server.
id	int(11)	true	GUID of the volume in <code><code>dwh_inventory.volume</code></code>
latest	char(1)	true	Indicates whether this row is the latest one for this volume.
dateTk	int(11)	true	TK of the date in which this volume row was created. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension

dwh_performance.volume_hourly_performance_fact

The performance data for volumes.

Column	Type	Nullable	Description
tk	bigint(20)	true	TK of the fact.
timeTk	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.time_dimension
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none">• tk in dwh_performance.date_dimension
volumeTk	int(11)	true	TK of the volume for performance numbers. References: <ul style="list-style-type: none">• tk in dwh_performance.volume_dimension
storageTk	int(11)	true	TK of the storage for performance numbers. References: <ul style="list-style-type: none">• tk in dwh_performance.storage_dimension
virtualStorageTk	int(11)	true	TK of the frontend array in case the capacity is on a backend array. Otherwise, the value is N/A. References: <ul style="list-style-type: none">• tk in dwh_performance.storage_dimension
storageNodeTk	int(11)	true	TK of the storage node. References: <ul style="list-style-type: none">• tk in dwh_performance.storage_node_dimension
storagePoolTk	int(11)	true	TK of the storage pool for performance numbers. References: <ul style="list-style-type: none">• tk in dwh_performance.storage_pool_dimensions

Column	Type	Nullable	Description
			ion
applicationTk	int(11)	true	TK of the application representative. References: <ul style="list-style-type: none">• tk in dwh_performance.application_dimension
applicationGroupTk	int(11)	true	TK of the application group. References: <ul style="list-style-type: none">• tk in dwh_performance.application_group_dimension
hostTk	int(11)	true	TK of the host representative. References: <ul style="list-style-type: none">• tk in dwh_performance.host_dimension
hostGroupTk	int(11)	true	TK of the host group. References: <ul style="list-style-type: none">• tk in dwh_performance.host_group_dimension
tierTk	int(11)	true	TK of the tier. References: <ul style="list-style-type: none">• tk in dwh_performance.tier_dimension
serviceLevelTk	int(11)	true	TK of the service level. References: <ul style="list-style-type: none">• tk in dwh_performance.service_level_dimension
businessEntityTk	int(11)	true	TK of the business entity. References: <ul style="list-style-type: none">• tk in dwh_performance.business_entity_dim

Column	Type	Nullable	Description
<u>ension</u>			
k8sNamespaceTk	int(11)	true	TK of the k8s namespace. References: <ul style="list-style-type: none">• tk in <u>dwh_performance.k8s_namespace_dimension</u>
k8sNamespaceGroupTk	int(11)	true	TK of the k8s namespace group.
readResponseTime	double	true	Read response time.
writeResponseTime	double	true	Write response time
totalResponseTime	double	true	The total response time.
totalResponseTimeMax	double	true	The maximum for response time.
readThroughput	double	true	Read throughput average.
writeThroughput	double	true	Write throughput average.
totalThroughput	double	true	Total throughput average (read+write).
totalThroughputMax	double	true	The maximum total throughput.
readIops	double	true	Read io per second average.
writelops	double	true	Write io per second average.
totalIops	double	true	Total io per second average (read+write).
totalIopsMax	double	true	The max io per second.
readCacheHitRatio	double	true	The read cache hit ratio.
writeCacheHitRatio	double	true	The write cache hit ratio.
totalCacheHitRatio	double	true	The total cache hit ratio.

Column	Type	Nullable	Description
totalCacheHitRatioMax	double	true	The maximum total cache hit ratio.
writePending	bigint(20)	true	Number of pending writes.
readIoDensity	double	true	Read io density.
writIoDensity	double	true	Write io density.
totalIoDensity	double	true	Total io density.
totalIoDensityMax	double	true	The maximun total io density.
compressionSavingsPer cent	double	true	Compression savings (%).
compressionSavingsSpace	double	true	Compression savings space.
accessed	int(11)	true	Is volume accessed?
frontend	char(1)	true	Is volume frontend?
backend	char(1)	true	Is volume backend?
timestamp	bigint(20)	true	fact start timestamp, for partitioning

dwh_ports

dwh_ports.cardinals

Column	Type	Nullable	Description
digit	int(11)	true	A number between 0 and 99.

dwh_ports.connected_device_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of the device.
name	varchar(255)	true	Name of the device.
manufacturer	varchar(255)	true	Manufacturer of the device.
model	varchar(255)	true	Manufacturer's model of the device.
type	enum('Host', 'Storage', 'Switch', 'Tape', 'Generic')	true	Type of the device.
firmware	varchar(255)	true	Firmware version running on the device.
id	int(11)	true	The ID of the device. References: <ul style="list-style-type: none">• id in dwh_inventory.host• id in dwh_inventory.storage• id in dwh_inventory.switch• id in dwh_inventory.tape• id in dwh_inventory.generic_device
latest	char(1)	true	Indicates whether this row is the latest one for this device.

dwh_ports.date_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of the date object.
fullDate	datetime	true	Date of the date object.
dayInMonth	tinyint(4)	true	Day of the month for the date object. The first day of the month has value 1.

Column	Type	Nullable	Description
dayInYear	smallint(6)	true	Day in year of the date object. The first day of the year has value 1.
dateYear	smallint(6)	true	Year of the date object.
yearLabel	char(4)	true	Year formatted as String
monthNum	tinyint(4)	true	Month of the date object. January has value 1.
monthLabel	char(7)	true	Month formatted as String
dayInWeekNum	tinyint(4)	true	Day of the week for the date object. Sunday has value 1.
quarter	tinyint(4)	true	Quarter of the date object. First quarter has value 1.
quarterLabel	char(7)	true	Quarter formatted as String
dayInQuarter	smallint(6)	true	Day in quarter of the date object. First day of the quarter has value 1.
repQuarter	tinyint(4)	true	Indicates whether this date is the first date available for its quarter.
repMonth	tinyint(4)	true	Indicates whether this date is the first date available for its month.
repWeek	tinyint(4)	true	Indicates whether this date is the first date available for its week.
repDay	tinyint(4)	true	Indicates whether this date is the first date available for its day.
repMonthOrLatest	tinyint(4)	true	Indicates whether this date is the repmonth or the latest. This flag is used by Datamarts which works on monthly reps. Only difference being for the current month it is the latest
sspFlag	tinyint(4)	true	Indicates whether this date is used in Storage and Storage Pool DataMart. It is true for month representatives and for the last number of days as defined in configuration.

Column	Type	Nullable	Description
latest	char(1)	true	Indicates whether this date is the last date available in the table.
future	char(1)	true	Indicates whether this date is a future date (projection) or regular one.

dwh_ports.port_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this port row.
wwn	varchar(255)	true	WWN of the port.
name	varchar(255)	true	Name of the port.
gbicType	varchar(255)	true	Type of GBIC (Gigabit Interface Converter) used for the port.
type	varchar(255)	true	Port type, typically used to identify the protocol used to communicate with the other device, taken from the device itself: F-port, E-port, and so forth.
speed	varchar(12)	true	Speed of the port, in Gbps.
isGenerated	char(1)	true	Indication whether this is a generated wwn (if we do not know the real wwn).
url	varchar(255)	true	Url to this port in Insight Server.
id	int(11)	true	GUID of the port in <code>dwh_inventory.switch_port</code>.
latest	char(1)	true	Indicates whether this row is the latest one for this port.
dateTk	int(11)	true	TK of the date in which the port row was created. References: <ul style="list-style-type: none">• tk in dwh_ports.date_dimension

dwh_ports.ports_fact

Fact describes a port and its connectivity.

Column	Type	Nullable	Description
tk	int(11)	true	TK of the fact.
dateTk	int(11)	true	TK of the date. References: <ul style="list-style-type: none">• tk in dwh_ports.date_dimension
switchTk	int(11)	true	TK of the switch containing the port. References: <ul style="list-style-type: none">• tk in dwh_ports.switch_dimension
connectedDeviceTk	int(11)	true	TK of the device that is connected to the port. References: <ul style="list-style-type: none">• tk in dwh_ports.connected_device_dimension
portTk	int(11)	true	TK of the port. References: <ul style="list-style-type: none">• tk in dwh_ports.port_dimension
fabric	varchar(255)	true	Name or WWN for the fabric (or VSAN) on which the port is configured to operate.
speed	varchar(12)	true	Speed of the port, in Gbps.
connectivityType	enum('Storage', 'Host', 'Switch', 'Free', 'Generic', 'Tape')	true	Type of the connected device.
type	varchar(255)	true	Port type, typically used to identify the protocol used to communicate with the other device, taken from the device itself: F-port, E-port, and so forth.
status	varchar(100)	true	Status of the port. Possible values are OK,

Column	Type	Nullable	Description
		e	NOT_LICENSED, ERROR, INACTIVE and UNKNOWN

dwh_ports.ports_fact_current

Column	Type	Nullable	Description
		e	
tk	int(11)	true	TK of the fact.
dateTk	int(11)	true	TK of the date. References: <ul style="list-style-type: none">• tk in dwh_ports.date_dimension
switchTk	int(11)	true	TK of the switch containing the port. References: <ul style="list-style-type: none">• tk in dwh_ports.switch_dimension
connectedDeviceTk	int(11)	true	TK of the device that is connected to the port. References: <ul style="list-style-type: none">• tk in dwh_ports.connected_device_dimension
portTk	int(11)	true	TK of the port. References: <ul style="list-style-type: none">• tk in dwh_ports.port_dimension
fabric	varchar(255)	true	Name or WWN for the fabric (or VSAN) on which the port is configured to operate.
speed	varchar(12)	true	Speed of the port, in Gbps.
connectivityType	enum('Storage', 'Host', 'Switch', 'Free', 'Generic', 'Tape')	true	Type of the connected device.

Column	Type	Nullable	Description
type	varchar(255)	true	Port type, typically used to identify the protocol used to communicate with the other device, taken from the device itself: F-port, E-port, and so forth.
status	varchar(100)	true	Status of the port. Possible values are OK, NOT_LICENSED, ERROR, INACTIVE and UNKNOWN

dwh_ports.switch_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this switch row.
wwn	varchar(255)	true	WWN of the switch.
name	varchar(255)	true	Name of the switch.
identifier	varchar(768)	true	Identifier of the device.
ip	varchar(255)	true	IP address of the switch.
model	varchar(255)	true	Model of the switch.
manufacturer	varchar(255)	true	Manufacturer of the switch.
firmware	varchar(255)	true	Firmware version running on the switch.
serialNumber	varchar(255)	true	Serial number of the switch.
npv	char(1)	true	Indication whether this is an NPV switch.
isGenerated	char(1)	true	Indication whether this switch does not correspond to a physical device. It is used to model one to many port connectivity.
type	enum('CHASSIS', 'FABRIC_LOGICAL', 'FABRIC_PHYSICAL', 'NPV_CHASSIS',	true	Switch type.

Column	Type	Nullable	Description
	'NPV_LOGICAL', 'NPV_PHYSICAL', 'NPV_HUB')		
url	varchar(255)	true	Url to this switch in Insight Server.
id	int(11)	true	GUID of the switch in <code>dwh_inventory.switch</code>.
latest	char(1)	true	Indicates whether this row is the latest one for this switch.
dateTk	int(11)	true	TK of the date in which this switch row was created. References: <ul style="list-style-type: none">• tk in dwh_ports.date_dimension
dataCenter	varchar(255)	true	<code>Data_Center</code> annotation value assigned to the Switch.
switchLevel	varchar(255)	true	<code>Switch_Level</code> annotation value assigned to the Switch.