



Fabric, Switch and FC-Port related tables

Aperi DB Table	Aperi DB Column	CIM Objects	CIM Properties
T_RES_VENDOR		CIM_Product	
	VENDOR_ID	n/a	Auto-generated ID
	VENDOR_NAME	CIM_Product	Vendor
	VENDOR_DESCRIPTION		
T_RES_MODEL		CIM_Product	
	MODEL_ID	n/a	Auto-generated ID
	MODEL_NAME	CIM_Product	Name
	MODEL_DESCRIPTION		
T_RES_CREATION_CLASSES_NAME		n/a	
	ID	n/a	Auto-generated ID
	NAME	CIM_AdminDomain	CreationClassName
		CIM_ComputerSystem	CreationClassName
		CIM_FCPort	CreationClassName
T_RES_SYSTEM_NAMES		n/a	
	SYSTEM_NAMES_ID	n/a	Auto-generated ID
	SYSTEM_NAME	CIM_FCPort	SystemName
T_RES_FABRIC		CIM_AdminDomain	
	FABRIC_WWN	CIM_AdminDomain	Name
	FABRIC_ID	n/a	Auto-generated ID
	SAN_WWN		
	SUPPORTS_ZONING	CIM_RegisteredSubProfile	InstanceID
	ACTIVE		
	PARENT_FABRIC_WWN	<Note: CIM_ContainedDomain association between Cisco Fabric and VSAN will be used indirectly>	
	IS_PHYSICAL	<Note: CIM_ContainedDomain association between Cisco Fabric and VSAN will be used indirectly>	
	DISPLAY_NAME		
	CREATION_CLASS_NAME_ID	n/a	T_RES_CREATION_CLASS.ID
	DETECTABLE		
	OPERATIONAL_STATUS	CIM_AdminDomain	OperationalStatus
	CONSOLIDATED_STATUS	n/a	Derived from OperationalStatus

Fabric and Zoning database tables description



	PROPAGATED_STATUS		
	CHANGED_TIMESTAMP		
	USER_ATTRIB1		
	USER_ATTRIB2		
	USER_ATTRIB3		
	NAME		
	UPDATE_TIMESTAMP	n/a	System time when this entry is updated
	GROUP_ID		
T_RES_FABRIC2SWITCH		n/a	
	FABRIC2SWITCH_ID	n/a	Auto-generated ID
	FABRIC_WWN	n/a	T_RES_FABRIC.FABRIC_WWN
	SWITCH_WWN	n/a	T_RES_SWITCH.SWITCH_WWN
	UPDATE_TIMESTAMP	n/a	System time when this entry is updated
	DETECTABLE		
	OPERATIONAL_STATUS	n/a	Not populated
	CONSOLIDATED_STATUS	n/a	Not populated
T_RES_SWITCH		CIM_ComputerSystem	
	SWITCH_WWN	CIM_ComputerSystem	Name
	SWITCH_ID	n/a	Auto-generated ID
	VENDOR_ID	n/a	T_RES_VENDOR.VENDOR_ID
	MODEL_ID	n/a	T_RES_MODEL.MODEL_ID
	PARENT_SWITCH_WWN	<Note: CIM_HostedDependency association between Cisco physical switches and switch partitions will be used indirectly>	
	SERIAL_NUMBER	CIM_PhysicalPackage	SerialNumber
	DESCRIPTION		
	CONTACT	CIM_ComputerSystem	PrimaryOwnerContact
	LOCATION		
	IP_ADDRESS	CIM_RemoteServiceAccessPoint	AccessInfo, InfoFormat
	DISPLAY_NAME	CIM_ComputerSystem	ElementName
	LOGICAL_NAME	CIM_ComputerSystem	ElementName
	DOMAIN	CIM_ComputerSystem	IdentifyingDescription, OtherIdentifyingInfo
	MANAGEMENT_ID		
	MGMT_TEL_ADDR		
	MGMT_SNMP_ADDR		
	MGMT_URL_ADDR	CIM_RemoteServiceAccessPoint	AccessInfo, InfoFormat

Fabric and Zoning database tables description



	VERSION	CIM_SoftwareIdentity	VersionString
	DETECTABLE		
	OPERATIONAL_STATUS	CIM_ComputerSystem	OperationalStatus
	CONSOLIDATED_STATUS	n/a	Derived from OperationalStatus
	PROPAGATED_STATUS		
	CHANGED_TIMESTAMP		
	UPDATE_TIMESTAMP	n/a	System time when this entry is updated
	USER_ATTRIB1		
	USER_ATTRIB2		
	USER_ATTRIB3		
T_RES_PORT		CIM_FCPort	
	PORT_ID	n/a	Auto-generated ID
	NAME	CIM_FCPort	PermanentAddress
	NAMEFORMAT	n/a	1 (1 – FC WWN, 2 – iSCSI)
	PORT_NUMBER	CIM_FCPort	PortNumber (See Topology Mapper section for a special calculation for Cisco)
	TYPE	CIM_FCPort	PortType
	NODE_ID	n/a	T_RES_NODE.NODE_ID
	DISPLAY_NAME		
	DISPLAY_ICON_TYPE		
	RIO_LOOP_ID		
	DETECTABLE		
	OPERATIONAL_STATUS	CIM_FCPort	OperationalStatus
	CONSOLIDATED_STATUS	n/a	Derived from OperationalStatus
	UPDATE_TIMESTAMP	n/a	System time when this entry is updated
	NETWORK_ADDRESSES	CIM_FCPort	NetworkAddresses
	PORT_SPEED	CIM_FCPort	Speed
	FC_PORT_ID		
	HOST_URL_BY_SUBSYSTEM		
	SUBSYSTEM_ID	n/a	T_RES_SWITCH.SWITCH_ID
	HBA_ID		No data for Switch FCPort
	INDEX	(see details on Index calculation in the Topology Mappers section)	(see details on Index calculation in the Topology Mappers section)
	ENABLED_STATE	CIM_FCPort	EnabledState
T_RES_SWITCH2PORT		n/a	
	SWITCH2PORT_ID	n/a	Auto-generated ID
	SWITCH_WWN	CIM_FCPort	SystemName
	PORT_ID	n/a	T_RES_PORT.PORT_ID
	DETECTABLE		

Fabric and Zoning database tables description



	UPDATE_TIMESTAMP	n/a	System time when this entry is updated
T_RES_PORT2PORT		n/a	
	PORT2PORT_ID	n/a	Auto-generated ID
	PORT_ID1	n/a	T_RES_PORT.PORT_ID
	PORT_ID2	n/a	T_RES_PORT.PORT_ID
	UPDATE_TIMESTAMP	n/a	System time when this entry is updated
	DETECTABLE		
	OPERATIONAL_STATUS	n/a	Not populated
	CONSOLIDATED_STATUS	n/a	Not populated
T_RES_NODE		CIM_LogicalPortGroup	
	SCSI_SUPPORT		
	NODE_ID	n/a	Auto-generated ID
	NAME	CIM_LogicalPortGroup	Name
	NAME_FORMAT	CIM_LogicalPortGroup	If NameFormat == 'WWN', then 1, else 2
	OTHER_NAME		
	PLATFORM_TYPE		
	RNID_TYPE		
	SYSTEM_ID	n/a	T_RES_STORAGE_SUBSYSTEM.SUBSYSTEM_ID
	TAPE_LIBRARY_ID		
	BLADE_ID		
	DISPLAY_NAME	CIM_LogicalPortGroup	ElementName
	DISPLAY_ICON_TYPE		
	MGMT_URL_ADDR	CIM_RemoteServiceAccessPoint	AccessInfo, InfoFormat
	MGMT_TEL_ADDR		
	MGMT_SNMP_ADDR		
	DETECTABLE		
	OPERATIONAL_STATUS		
	CONSOLIDATED_STATUS		
	PROPAGATED_STATUS		
	UPDATE_TIMESTAMP	n/a	System time when this entry is updated
T_RES_PHY_PE		CIM_ComputerSystem (Dedicated = Host)	
	PHY_PE_ID	n/a	Auto-generated ID
	PE_NAME	CIM_ComputerSystem	Name
	SERIAL_NUMBER		
	VENDOR_ID		
	MODEL_ID		

Fabric and Zoning database tables description



	FIRMWARE_REVISION		
	MGMT_TEL_ADDR		
	MGMT_SNMP_ADDR		
	MGMT_URL_ADDR	CIM_ComputerSystem	MgmtAddressList
	SCSI_TYPE		
	PLATFORM_TYPE		
	RNID_TYPE		
	SCSI_SUPPORT		
	DISPLAY_NAME	CIM_ComputerSystem	ElementName
	UPDATE_TIMESTAMP	n/a	System time when this entry is updated
	DETECTABLE		
T_RES_PE2NODE		n/a	
	PE2NODE_ID	n/a	Auto-generated ID
	PHY_PE_ID	n/a	T_RES_PHY_PE.PHY_PE_ID
	NODE_ID	n/a	T_RES_NODE.NODE_ID
	UPDATE_TIMESTAMP	n/a	System time when this entry is updated
	DETECTABLE	n/a	
T_RES_SWITCH_BLADE		CIM_LogicalModule	
	SWITCH_BLADE_ID		
	VENDOR_ID	n/a	T_RES_VENDOR.VENDOR_ID
	SERIAL_NUMBER	CIM_PhysicalPackage	SerialNumber
	SLOT	CIM_LogicalModule	ModuleNumber
	SWITCH_BLADE_TYPE_ID		
	MODEL_ID	n/a	T_RES_MODLE.MODLE_ID
	SWITCH_WWN	n/a	T_RES_SWITCH.SWITCH_WWN
	FIRMWARE_REVISION		
	UPDATE_TIMESTAMP	n/a	System time when this entry is updated
	DETECTABLE		
	OPERATIONAL_STATUS	CIM_LogicalModule	OperationalStatus
	CONSOLIDATED_STATUS	n/a	Derived from OperationalStatus
	PROPAGATED_STATUS		
	START_INDEX	Brocade_PortModule	StartSwitchPortIndex
T_RES_BLADE2PORT			
	BLADE2PORT_ID	n/a	Auto-generated ID
	SWITCH_BLADE_ID	n/a	T_RES_SWITCH_BLADE.SWITCH_BLADE_ID
	PORT_ID	n/a	T_RES_PORT.PORT_ID
	UPDATE_TIMESTAMP	n/a	System time when this entry is updated



	DETECTABLE	n/a	
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Zoning related tables

Aperi DB Table	Aperi DB Column	CIM Objects	CIM Properties
T_RES_ZSET			
	ZSET_ID	n/a	Auto-generated ID
	FABRIC_WWN	CIM_AdminDomain	Name
	ACTIVE	CIM_ZoneSet	Active
	ZSET_NAME	CIM_ZoneSet	ElementName
	DESCRIPTION	CIM_ZoneSet	Description
T_RES_ZONE			
	ZONE_ID	n/a	Auto-generated ID
	FABRIC_WWN	CIM_AdminDomain	Name
	ZONE_TYPE	CIM_Zone	ZoneType
	ACTIVE	CIM_Zone	Active
	ZONE_NAME	CIM_Zone	ElementName
	ZONE_SUBTYPE	CIM_Zone	ZoneSubType
	VENDOR_TYPE	(not populated)	(not populated)
	VENDOR_SUBTYPE	(not populated)	(not populated)
	DESCRIPTION	CIM_Zone	Description
T_RES_ALIAS			
	ALIAS_ID	n/a	Auto-generated ID
	FABRIC_WWN	CIM_AdminDomain	Name
	ALIAS_NAME	CIM_NamedAddressCollection	CollectionAlias
	DESCRIPTION	CIM_NamedAddressCollection	Description
T_RES_ZONE_MEMBER			
	ZONE_MEMBER_ID	n/a	Auto-generated ID
	MEMBER_NAME	CIM_ZoneMembershipSettingData	ConnectivityMemberID
	TYPE	CIM_ZoneMembershipSettingData	ConnectivityMemberType
	VENDOR_TYPE	n/a	(given value of 0)
	DESCRIPTION	(not populated)	(not populated)
T_RES_ZSET2ZONE			
	ZSET2ZONE_ID	n/a	Auto-generated ID
	ZONE_ID	CIM_MemberOfCollection	Member
	ZSET_ID	CIM_MemberOfCollection	Collection
T_RES_ZONE2MEMBER			
	ZONE2MEMBER_ID	n/a	Auto-generated ID
	ZONE_ID	CIM_ElementSettingData	ManagedElement
	ZONE_MEMBER_ID	CIM_ElementSettingData	SettingData
T_RES_ZONE2ALIAS			
	ZONE2ALIAS_ID	n/a	Auto-generated ID
	ALIAS_ID	CIM_MemberOfCollection	Member
	ZONE_ID	CIM_MemberOfCollection	Collection
T_RES_ALIAS2MEMBER			

Fabric and Zoning database tables description



	ALIAS2MEMBER_ID	n/a	Auto-generated ID
	ALIAS_ID	CIM_ElementSettingData	ManagedElement
	ZONE_MEMBER_ID	CIM_ElementSettingData	SettingData