



Integrating Dell Command | Monitor with Microsoft® System Center Configuration Manager 2012

Dell Engineering
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Feedback

We encourage readers of this publication to provide feedback on the quality and usefulness of this by logging information on [OMCI TechCenter forum](#).

Executive summary

System Center Configuration Manager (ConfigMgr) is a Microsoft® systems management software product for managing large groups of computers running on different Operating Systems. Configuration Manager provides remote control, patch management, software distribution, operating system deployment, network access protection and hardware and software inventory related information.

Dell Command | Monitor (DC | M) is a software that allows systems management application programs to access information about the client computer, monitor the status of the client computer, or change the state of the client computer, such as shutting it down remotely. DC | M uses the Common Information Model (CIM) and Web Based Enterprise Management (WBEM). These are industry standard systems management technologies defined by the Distributed Management Task Force (DMTF). Microsoft® Windows® Management Instrumentation (WMI) is Microsoft's implementation of CIM instrumentation. DC | M provides data to WMI, which is the common interface for the WMI management applications.

Although DC | M has numerous features, its primary purpose is to package and provide access to the information requested by WMI, which in turn provides the information to systems management application programs such as Microsoft System Center Configuration Manager (ConfigMgr).

The CIM schema is defined by a Managed Object Format (MOF) file, which provides a standardized model for describing management information between clients in a management system environment. A MOF file is not bound to any particular implementation, rather it allows information interchange between multiple management systems and clients.



1

Introduction

Client Instrumentation refers to software applications that enable remote management of a client system. The Dell Command | Monitor (Command | Monitor) software enables remote management using application programs to access the Enterprise Client system information, monitor the status, or change the state of the system such as remotely shutting down the system. Command | Monitor uses key system parameters through standard interfaces allowing administrators to manage inventory, monitor system health, and gather information about deploying Enterprise client systems.

Command | Monitor manages client systems using the Common Information Model (CIM) standard and SNMP, which are management protocols. This reduces the total cost of ownership, improves security, and provides a holistic approach to manage all the devices, including clients, servers, storage, network, and software devices.

Using CIM you can access Command | Monitor through Web Services for Management Standards (WSMAN).

Command | Monitor contains the underlying driver set that collects client system information from different sources, including the BIOS, CMOS, System Management BIOS (SMBIOS), System Management Interface (SMI), operating system, Application programming interface (APIs), Dynamic-link library (DLLs), and registry settings. Command | Monitor fetches this information through the CIM Object Manager (CIMOM) interface, Windows Management Instrumentation (WMI) stacks or SNMP agent.

Command | Monitor enables IT administrators to remotely collect asset information, modify CMOS settings, receive proactive notifications about potential fault conditions, and get alerts for potential security breaches. These alerts are available as events in the event log, CIM Indication or received as SNMP traps after importing the MIB file and monitoring it.

Command | Monitor is used to gather asset inventory from the system, including BIOS settings, through CIM implementation or SNMP agent. It can be integrated into a console such as Microsoft® System Center Configuration Manager by directly accessing the CIM information, or through other console vendors which have implemented the Command Monitor integration.

Apart of that, you can create custom scripts for other important aspects. These scripts can be used to monitor inventory, BIOS settings, and system health.

1.1

Purpose and scope

Although Command | Monitor has numerous features, its primary purpose is to package and provide access to information requested by WMI, which in turn provides the information to systems management application programs such as the Microsoft® System Center Configuration Manager (ConfigMgr) tools.

This whitepaper provides details on how an IT administrator can exploit the information provided by Command | Monitor within ConfigMgr to provide enhanced reporting for managing Dell business client platforms. This document assumes the reader is familiar with the DCM / OMCI usage, Microsoft SCCM and



system administration. The scope of this paper is restricted to inventory and doesn't include deployment of Dell Command | Monitor on Client Systems using ConfigMgr.

1.2 Terminology

The following terms will be used throughout this document

SCCM System Center Configuration Manager

SSRS SQL Server Reporting Service



2 Using DC | M in ConfigMgr

2.1 Namespace Information

The namespace for access to the Dell OMCI classes is "[root\dcim\sysman](#)".

2.2 Accessing DC | M information in ConfigMgr

There are two ways that DC | M data may be made available in ConfigMgr. Section 2.2.1 shows how importing the DC | M mof file OMCI_SMS_DEF.mof can help display inventory information of Dell Enterprise Client System. Section 2.2.2 and Section 2.2.3 extend the integration by providing a number of pre-defined ConfigMgr web reports and queries, as well as explaining how these may be exploited in the ConfigMgr console.

Section 2.2.2 contains a set of sample ConfigMgr web reports that correspond to the sample MOF in Section 2.2.1. These reports are based on classes and properties enabled in the OMCI SMS MOF. Section 2.2.3 explains how the sample queries can be compiled into the ConfigMgr site server using mofcomp and the MOF formatted sample queries or pasted into a new web report in the ConfigMgr console.

Section 2.2.3 contains example ConfigMgr queries based on the OMCI SMS MOF in Section 2.2.1.

2.2.1 Inventory using DC | M MOF

After the installation of DC | M is completed, If the default install path is chosen than the inventory of is located in the following folder %ProgramFiles%\Dell\Command Monitor\ssa\omacim. Following are the steps to import the file into SCCM 2012:

1. Copy the OMCI SCCM mof file on the server.
2. Modify the MOF to change any "FALSE" to "TRUE" (or vice versa) for the desired reporting within ConfigMgr. This step allows customization of reports to the level of detail required. NOTE: In order for a property to be collected for reporting purposes, the value of "SMS_Report" for that property must be set to "TRUE"; additionally, the value of "SMS_Report" for the class that contains the property must also be set to "TRUE". Save the mof.
3. Open the SCCM console.
4. Navigate to the Administration Feature Tab/Menu and follow the below step/order to import the Mof into SCCM.
 - a. Click on the Administration Tab
 - b. Click on Client Setting
 - c. Default client settings (On Right side pane)
 - d. Right click and select Properties
 - e. Hardware inventory menu
 - f. Click on Set classes (On Right side pane)
 - g. Click Import button and navigate to the path where the OMCI_SMS_DEF.mof file is placed
 - h. Select the mof file and click Open



- i. Now we can see the import summary is green without any errors in it. And all the classes are added successfully.
- j. Click on the first radio button (Import both hardware inventory classes and hardware inventory class settings) and Import.

The graphical representation of all the steps is as follows:

Step 1: The following figure displays the hardware inventory setting information in SCCM Console

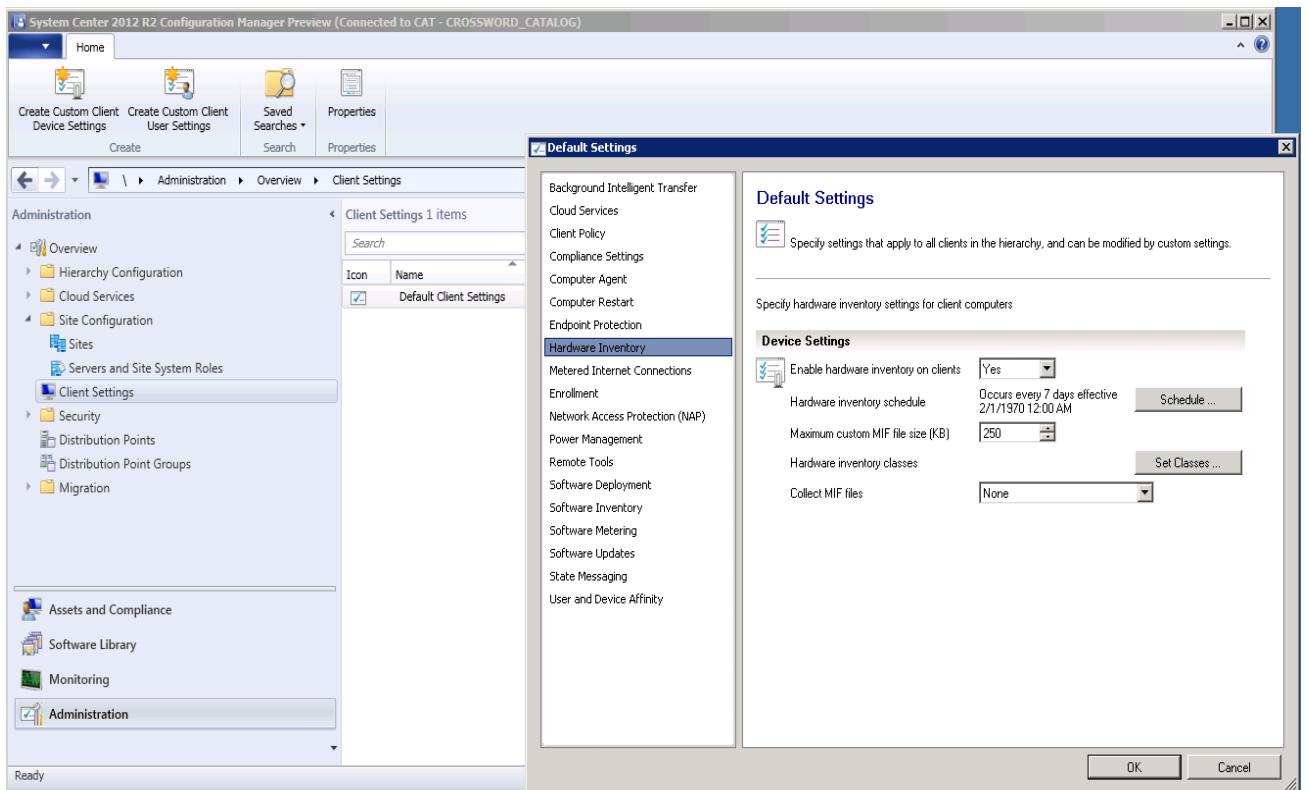


Figure 1 Navigation of the Hardware inventory menu



Step 2: The following figure shows the Hardware inventory classes before importing the DC | M mof file

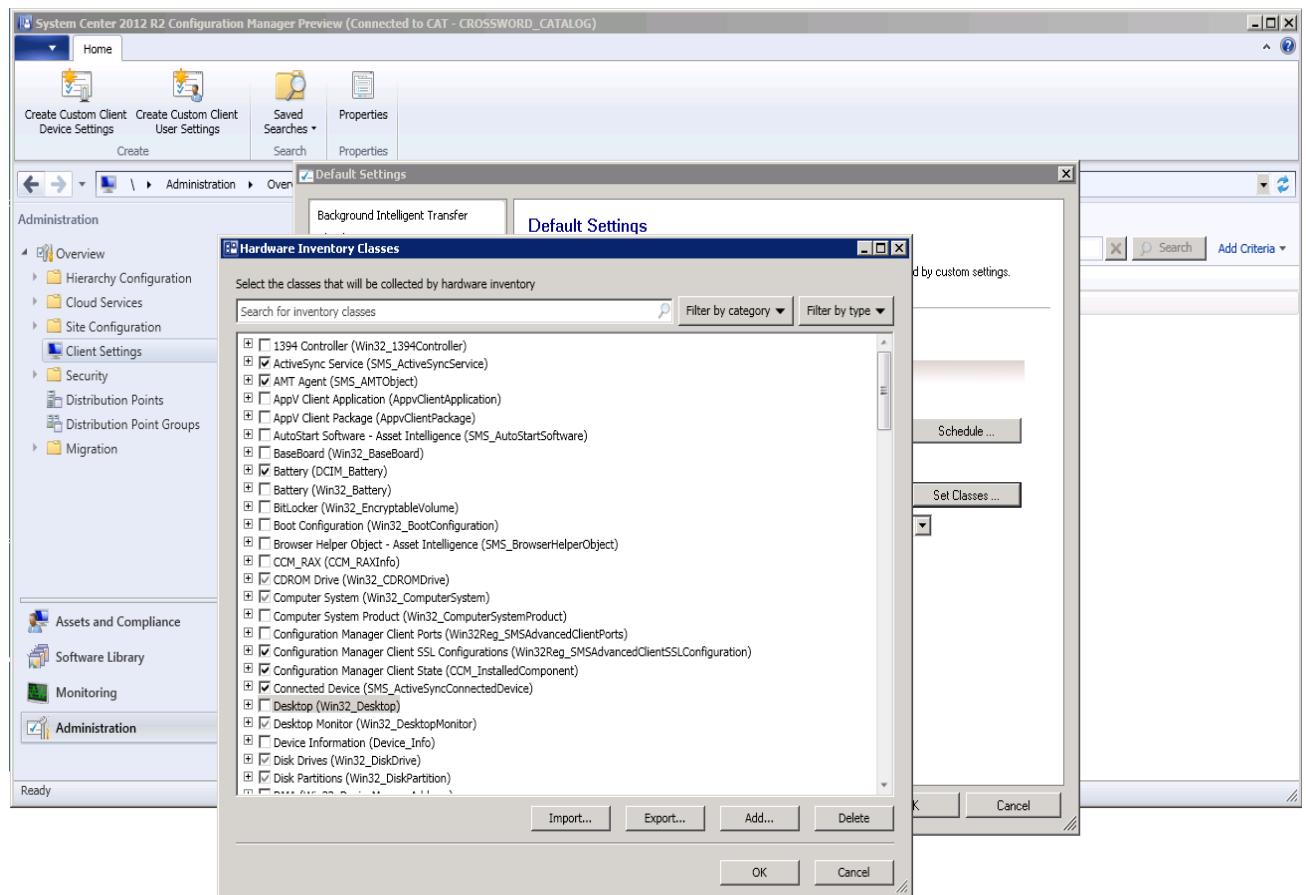


Figure 2 Display of all the classes before importing DCM mof file



Step 3: The following figure displays the importing table for the DC | M mof file.

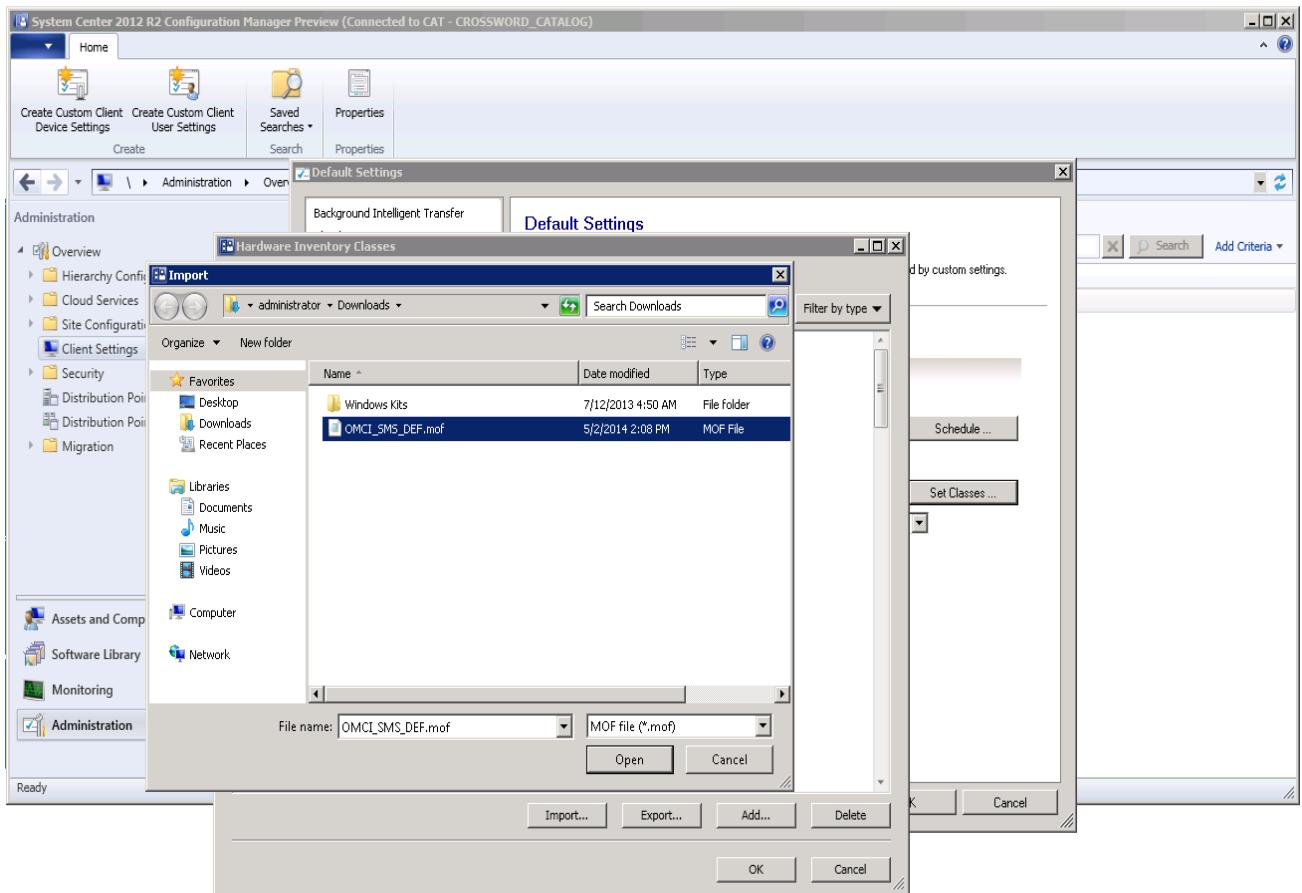


Figure 3 File selection to import the DCM mof file



Step 4: The following figure shows the display of the import summary after the DC | M mof file is imported.

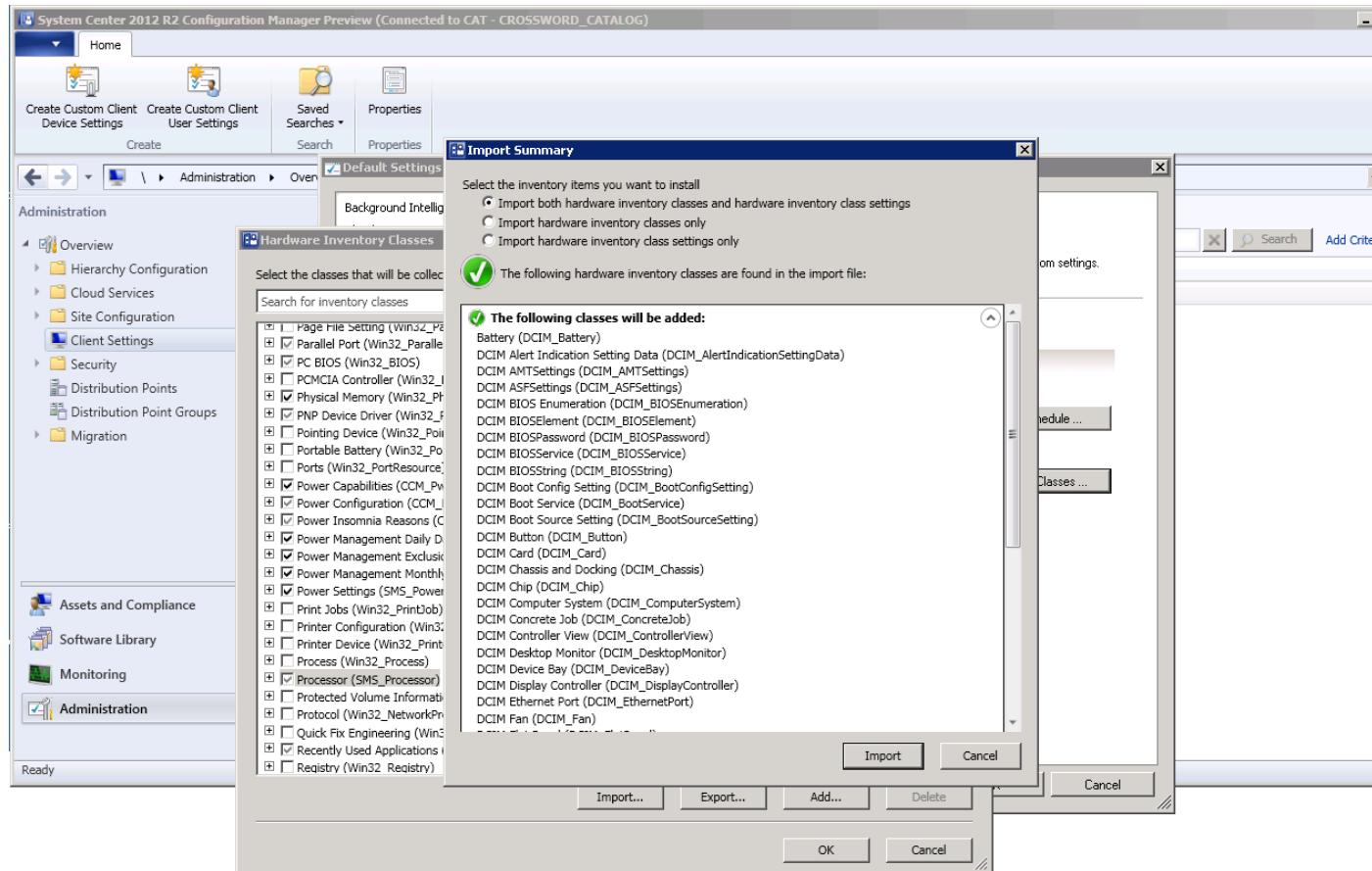


Figure 4 Display of all the new classes in the DCM mof file after import



Step 5: Following the import of the move in ConfigMgr, the display of all the classes in SCCM Console is as follows:

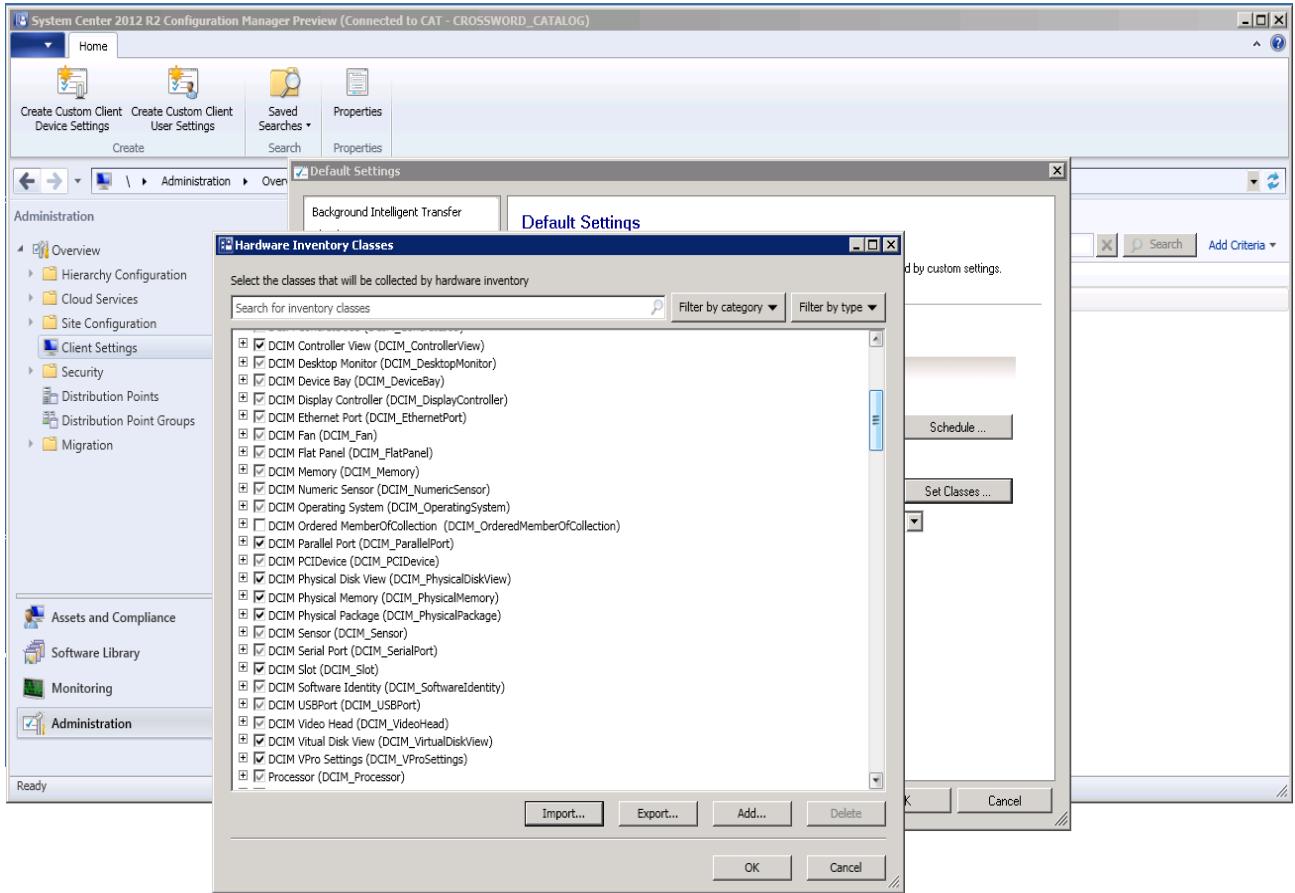


Figure 5 Display of all the classes after importing DCM moF file

2.2.2 Queries Compiled in SCCM

The following are sample reports that may be incorporated into ConfigMgr based on the OMCI SMS MOF in Appendix A. There are two methods that may be used to create new reports within the ConfigMgr console. Reports may be directly created as SQL queries. Alternately, they may be imported using mofcomp against a properly formed MOF file containing the report definition. The following section defines a sample query report both in SQL and MOF formats and explains how each format may be imported.

2.2.2.1 Reported Created as SQL queries

The following is a sample report query for reporting general information on all OMCI deployed commercial systems. The following steps may be used in SCCM 2012 to create a new report from a SQL statement:



The graphical representation of all the steps is as follows:

Step 1: Navigation in SCCM Console to create a SCCM report.

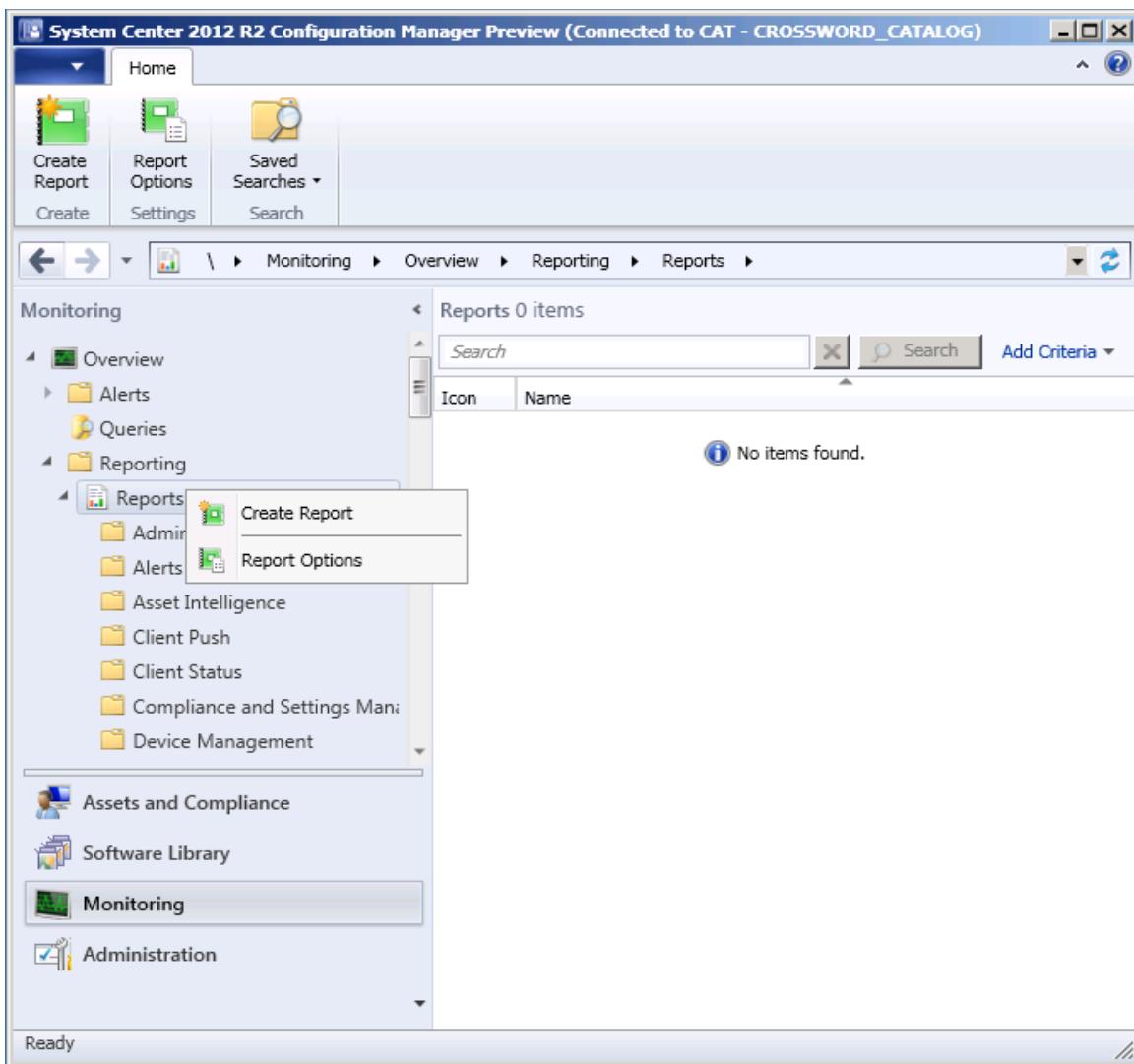


Figure 6 Navigation to create a report for monitoring



Step 2: Update the details in the Report Wizard.

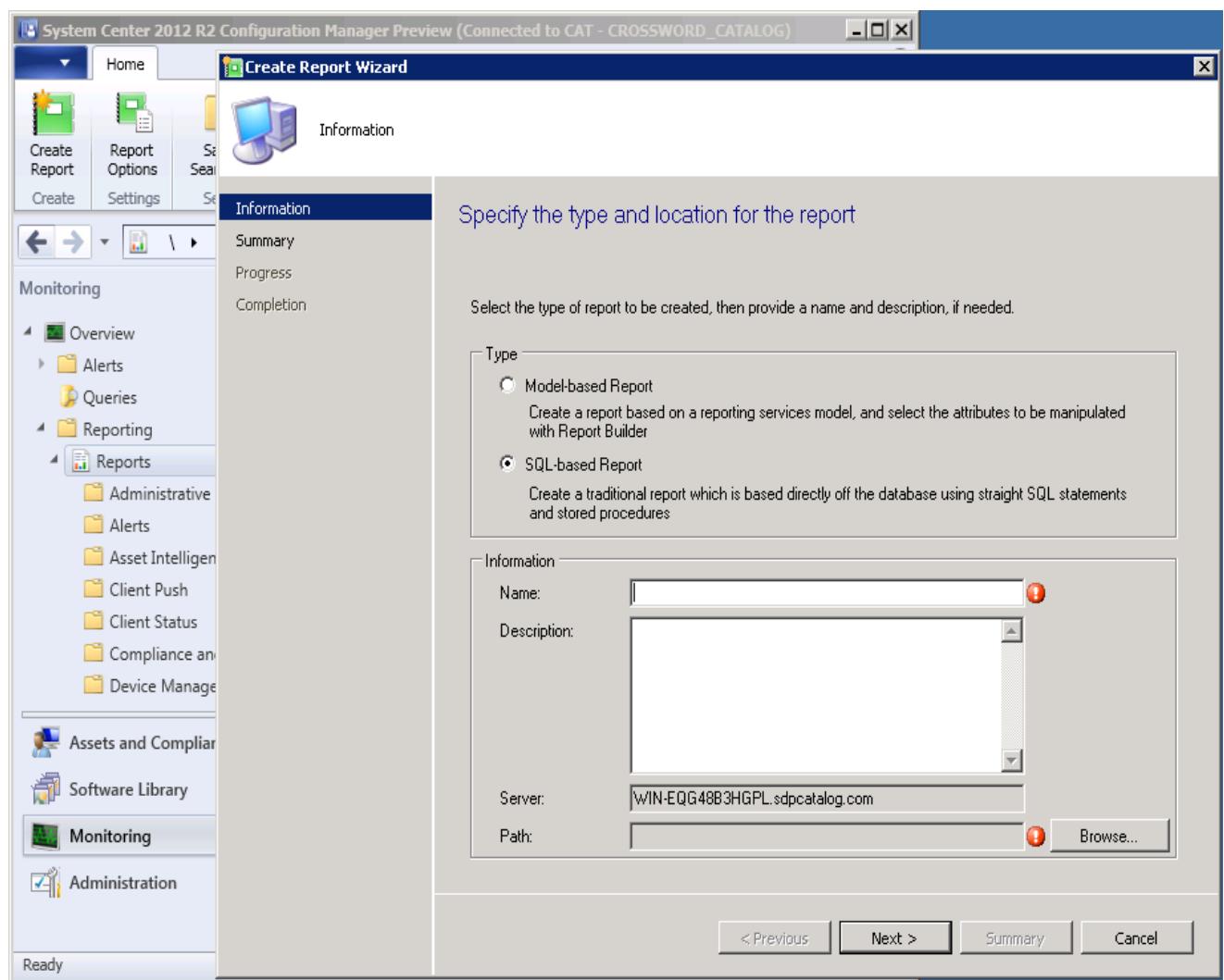


Figure 7 Input the name and the Path for the SQL based report.

Input the necessary entries here like the name and the path in the wizard tab.



Step 3: Choose the required report data in the SQL Report Builder.

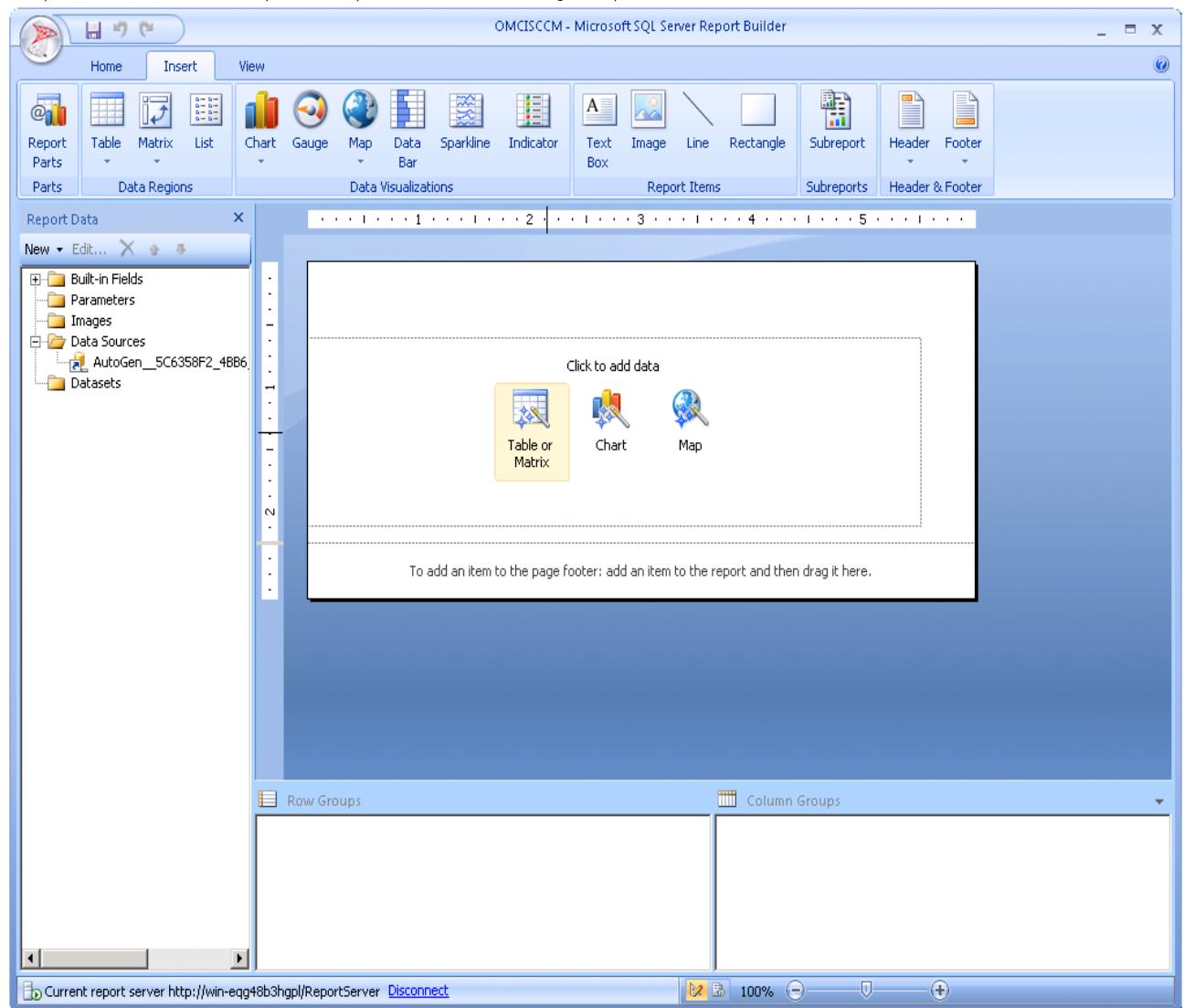


Figure 8 SQL Report Builder display



Step 4: Choose the data set for the report.

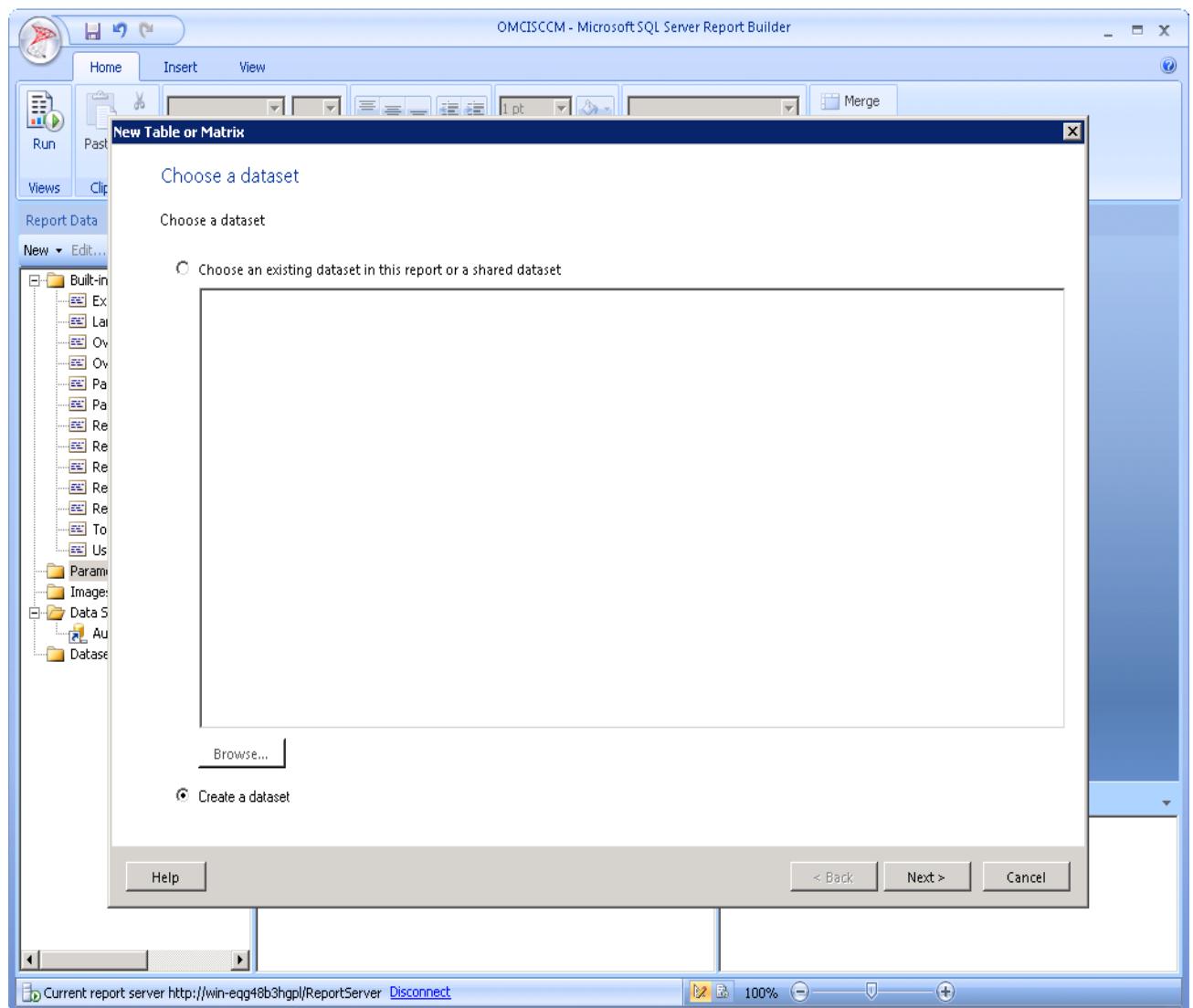


Figure 9 Display of the dataset while creating a new report.

Click Next and it will prompt you to choose the connection to the data source.



Step 5: Input the data source credentials for authentication.

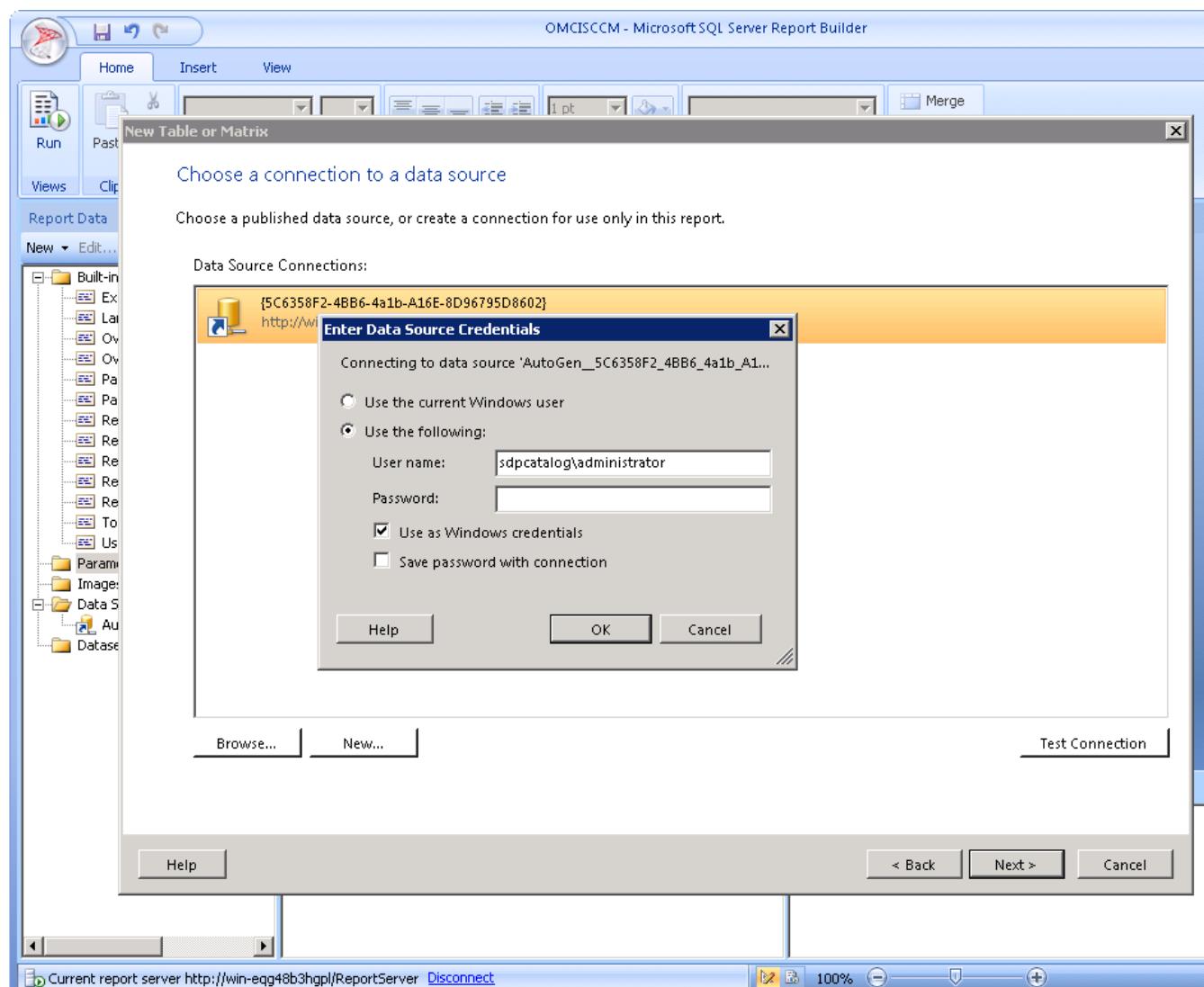


Figure 10 Enter credentials for authentication.

Enter the relevant credentials and click on OK.



Step 6: Update the query to report.

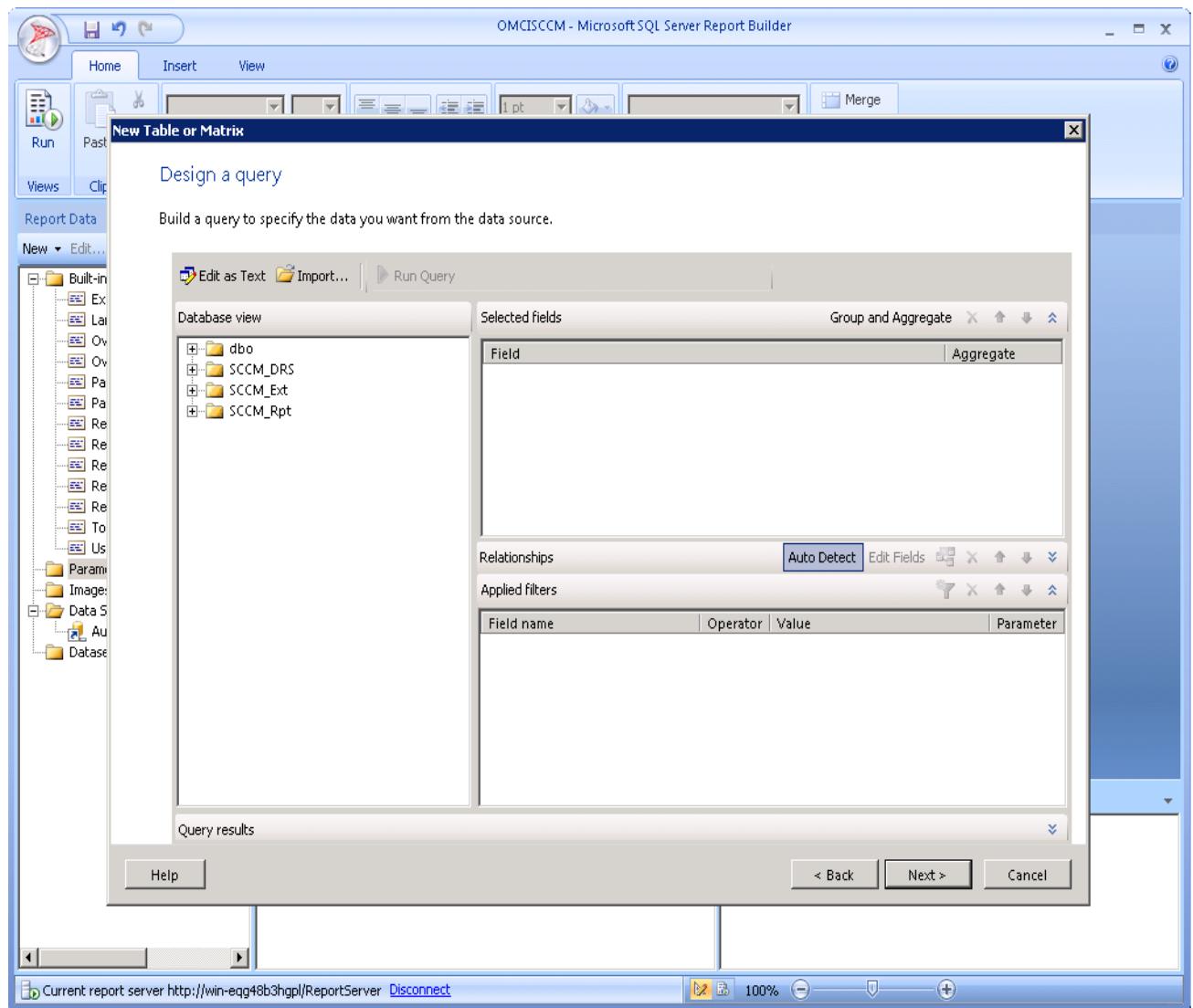


Figure 11 Design Query interface.

Click Edit as Text and paste the following query:

```
-- This sample SQL is provided as an example only, and has not been  
-- tested, nor is warranted in any way by Dell; Dell disclaims any  
-- liability in connection therewith. Dell provides no technical  
-- support with regard to content herein. For more information on
```



```
-- SQL queries, refer to applicable documentation.
```

```
-----  
SELECT DSS.ElementName0 as 'Computer Name',
```

```
case  
when DSS.HealthState0 = 0 then 'Unknown'  
when DSS.HealthState0 = 5 then 'OK'  
when DSS.HealthState0 = 10 then 'Degraded'  
when DSS.HealthState0 = 15 then 'Minor failure'  
when DSS.HealthState0 = 20 then 'Major failure'  
when DSS.HealthState0 = 25 then 'Critical failure'  
when DSS.HealthState0 = 30 then 'Non-recoverable failure'  
else CAST(DSS.HealthState0 as varchar)  
end as 'Global Health',
```

```
DOS.Name0 as 'Operating System', DChas.Model0 as 'Model', DChas.Tag0 as 'Asset Tag',
```

```
case  
when DChas.ChassisPackageType0 = 1 then 'Unknown'  
when DChas.ChassisPackageType0 = 3 then 'Desktop'  
when DChas.ChassisPackageType0 = 6 then 'Mini Tower'  
when DChas.ChassisPackageType0 = 7 then 'Tower'  
when DChas.ChassisPackageType0 = 8 then 'Portable'  
when DChas.ChassisPackageType0 = 9 then 'Laptop'  
else CAST(DChas.ChassisPackageType0 as varchar)  
end as 'System Class',
```



DBIOS.Version0 as 'BIOS Version'

```
FROM dbo.v_GS_Dell_ComputerSystem0 as DSS  
LEFT JOIN dbo.v_GS_Dell_OperatingSystem0 as DOS on DSS.ResourceID = DOS.ResourceID  
LEFT JOIN dbo.v_GS_Dell_Chassis0 as DChas on DSS.ResourceID = DChas.ResourceID  
LEFT JOIN dbo.v_GS_Dell_BIOSElement0 as DBIOS on DSS.ResourceID = DBIOS.ResourceID  
ORDER BY DSS.ElementName0
```

Click Next to arrange the fields and choose a layout. After the report created is completed the following display will appear.



Step 7: Arrange the layout.

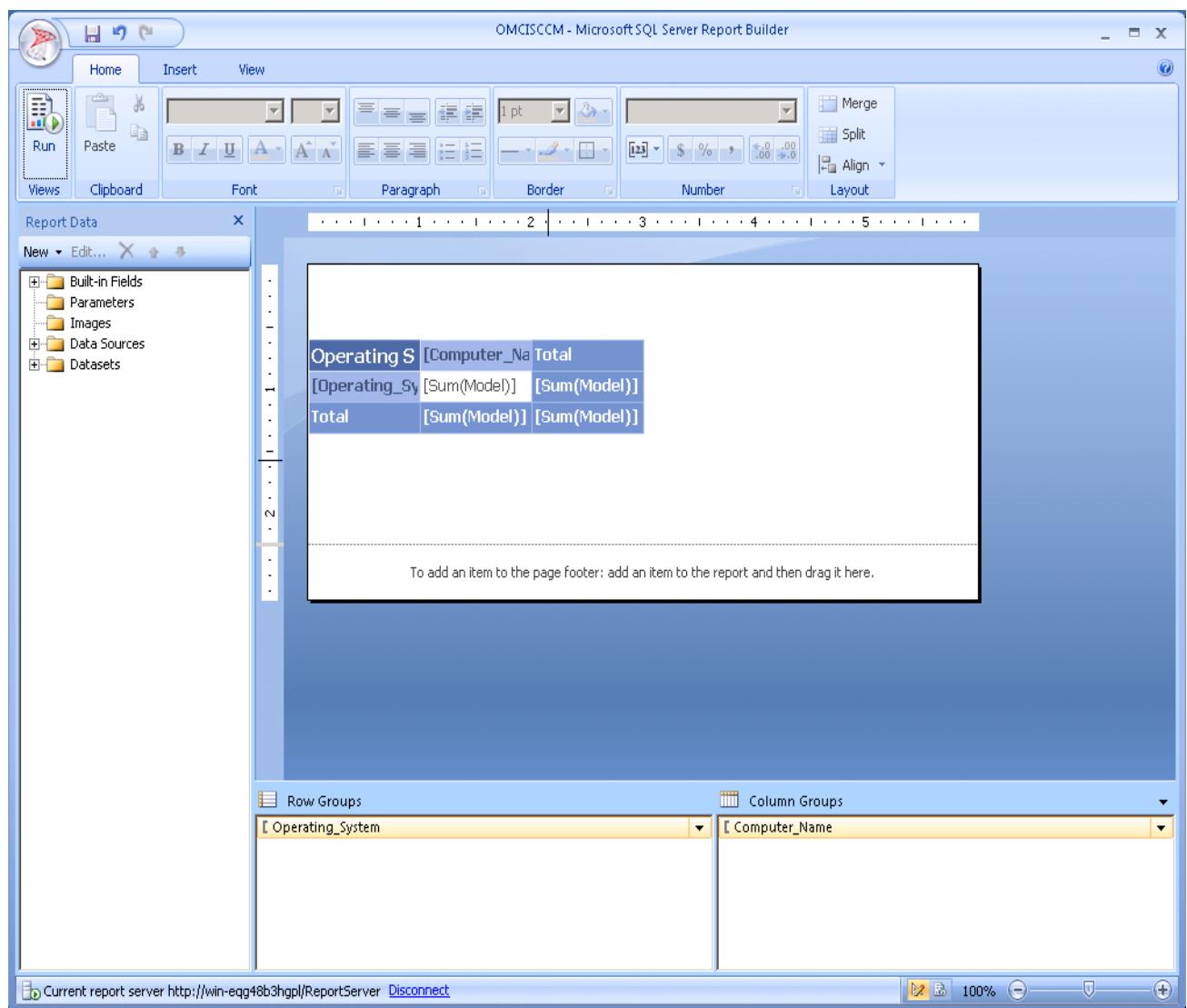


Figure 12 Layout of the submitted query.

Click Run to run the query.

2.2.2.2 Reports created using mofcomp and MOF

The following is a representation of the above report query presented as a MOF that may be (optional) compiled into the ConfigMgr system using mofcomp rather than the SQL query approach. The following steps may be used to import the report using the MOF format:

1. Copy and paste the following text (up to the " // **** End *****" statement) into a local file (e.g. c:\temp\OMCI_System_Report_Export.MOF) on the site server system.



2. Then perform a mofcomp of the newly created file. Execute (NOTE: replace "<site_code>" with the actual site code):

```
mofcomp -N:root\SMS\site_<site_code> -instance:createonly  
c:\temp\OMCI_System_Report_Export.MOF
```

```
//-----  
  
// This sample SQL is provided as an example only, and has not been  
// tested, nor is warranted in any way by Dell; Dell disclaims any  
// liability in connection therewith. Dell provides no technical  
// support with regard to content herein. For more information on  
// SQL queries, refer to applicable documentation.  
//-----  
  
// ***** Class : SMS_Report *****  
  
[SecurityVerbs(140551)]  
  
instance of SMS_Report  
  
{  
  
Category = "Hardware - General";  
  
Comment = "List of all Dell OMCI systems";  
  
DrillThroughColumns = {};  
  
GraphCaption = "";  
  
GraphXCol = 1;  
  
GraphYCol = 2;  
  
MachineDetail = TRUE;  
  
MachineSource = FALSE;  
  
Name = "All Dell OMCI System List";  
  
NumPrompts = 0;  
  
RefreshInterval = 0;
```



```

SecurityKey = "";

SQLQuery = "SELECT DSS.ElementName0 as 'Computer Name',
\n
\ncase
\nwhen DSS.HealthState0 = 0 then 'Unknown'
\nwhen DSS.HealthState0 = 5 then 'OK'
\nwhen DSS.HealthState0 = 10 then 'Degraded'
\nwhen DSS.HealthState0 = 15 then 'Minor failure'
\nwhen DSS.HealthState0 = 20 then 'Major failure'
\nwhen DSS.HealthState0 = 25 then 'Critical failure'
\nwhen DSS.HealthState0 = 30 then 'Non-recoverable failure'
\nelse CAST(DSS.HealthState0 as varchar)
\nend as 'Global Health',
\n
\ncase
\nwhen DChas.ChassisPackageType0 = 1 then 'Unknown'
\nwhen DChas.ChassisPackageType0 = 3 then 'Desktop'
\nwhen DChas.ChassisPackageType0 = 6 then 'Mini Tower'
\nwhen DChas.ChassisPackageType0 = 7 then 'Tower'
\nwhen DChas.ChassisPackageType0 = 8 then 'Portable'
\nwhen DChas.ChassisPackageType0 = 9 then 'Laptop'
\nelse CAST(DChas.ChassisPackageType0 as varchar)
\nend as 'System Class',
\n

```



```
\nDBIOS.Version0 as 'BIOS Version'\n\n\n\nFROM dbo.v_GS_Dell_ComputerSystem0 as DSS\n\nLEFT JOIN dbo.v_GS_Dell_OperatingSystem0 as DOS on DSS.ResourceID = DOS.ResourceID\n\nLEFT JOIN dbo.v_GS_Dell_Chassis0 as DChas on DSS.ResourceID = DChas.ResourceID\n\nLEFT JOIN dbo.v_GS_Dell_BIOSElement0 as DBIOS on DSS.ResourceID = DBIOS.ResourceID\n\nORDER BY DSS.ElementName0";\n\nStatusMessageDetailSource = FALSE;\n\nUnicodeData = FALSE;\n\nXColLabel = "";\n\nYColLabel = "";\n\n};\n\n// ***** End *****
```



A Appendix A

A.1.1 OMCI_SMS_DEF.mof

The OMCI_SMS_DEF.mof file is typically located in the following folder "%ProgramFiles% \Dell\Command Monitor\ssa\omacim". The contents of the file are as follows:

```
//=====
//  
// OMCI_SMS_DEF.mof - Sample MOF that maps SMS inventory set to that  
//      provided by the Dell Command | Monitor Provider  
//      for Dell Command | Monitor version 9.0.0  
//  
// ?2008 - 2014 Dell Inc. All rights reserved.  
  
// THIS SOFTWARE IS DISTRIBUTED IN THE HOPE THAT IT WILL BE USEFUL, BUT IS  
// PROVIDED "AS IS" WITHOUT ANY WARRANTY, EXPRESS, IMPLIED OR OTHERWISE,  
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// INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES  
// (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR  
// SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)  
// HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,  
// STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING  
// IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE  
// POSSIBILITY OF SUCH DAMAGE.  
  
//  
// This sample MOF is provided as an example only. Dell provides no
```



```

// technical support with regard to content herein. For more information
// on MOF files, refer to applicable documentation.

//=====
====

//=====
// Define Dell classes for inventory reporting
//=====

[ SMS_Report(TRUE), SMS_Group_Name("DCIM Alert Indication Setting Data"),
SMS_Class_ID("DELL|DCIM_ALERTINDICATIONSETTINGDATA|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\root\\\\dcim\\\\sysman") ]

class DCIM_AlertIndicationSettingData : SMS_Class_Template

{
    [SMS_Report (TRUE)]     string   AlertCategory;
    [SMS_Report (TRUE)]     uint16   AlertType;
    [SMS_Report (TRUE)]     string   Caption;
    [SMS_Report (TRUE)]     uint16   ChangeableType;
    [SMS_Report (TRUE)]     string   Description;
    [SMS_Report (TRUE)]     string   ElementName;
    [SMS_Report (TRUE)]     sint32   EventID;
    [SMS_Report (TRUE)]     string   IndicationIdentifier;
    [SMS_Report (TRUE), Key] string   InstanceID;
    [SMS_Report (TRUE)]     boolean   LocalOnly;
    [SMS_Report (TRUE)]     sint32   MaxDisplayNotifications;
    [SMS_Report (TRUE)]     sint32   MaxNTEventLogNotifications;
}

```



```

[SMS_Report (TRUE)]      string    Name;
[SMS_Report (TRUE)]      string    OtherAlertType;
[SMS_Report (TRUE)]      boolean   PollEnabled;
[SMS_Report (TRUE)]      uint32   PollingInterval;
[SMS_Report (TRUE)]      uint16   ProbableCause;
[SMS_Report (TRUE)]      uint32   StartDelay;
};


```

```

[ SMS_Report(TRUE), SMS_Group_Name("DCIM_AMTSettings"),
SMS_Class_ID("DELL|DCIM_AMTSETTINGS|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\root\\\\dcim\\\\sysman") ]
```

```

class DCIM_AMTSettings : SMS_Class_Template
{
[SMS_Report (TRUE)]      boolean   AMTSupported;
[SMS_Report (TRUE)]      string    Caption;
[SMS_Report (TRUE)]      uint16   ChangeableType;
[SMS_Report (TRUE)]      string    Description;
[SMS_Report (TRUE)]      string    ElementName;
[SMS_Report (TRUE)]      boolean   IDEREnabled;
[SMS_Report (TRUE), Key]  string    InstanceID;
[SMS_Report (TRUE)]      boolean   SOLEnabled;
};


```

```

[ SMS_Report(TRUE), SMS_Group_Name("DCIM ASFSettings"),
SMS_Class_ID("DELL|DCIM ASFSETTINGS|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\root\\\\dcim\\\\sysman") ]
```

```

class DCIM ASFSettings : SMS_Class_Template
```



```

{
  [SMS_Report (TRUE)]      boolean      ASFEnabled;
  [SMS_Report (TRUE)]      string       Caption;
  [SMS_Report (TRUE)]      uint16      ChangeableType;
  [SMS_Report (TRUE)]      string       Description;
  [SMS_Report (TRUE)]      string       ElementName;
  [SMS_Report (TRUE), Key] string       InstanceID;
  [SMS_Report (TRUE)]      uint8       StructureVersion;
};


```

```
[ SMS_Report(TRUE), SMS_Group_Name("DCIM Battery"), SMS_Class_ID("DELL|DCIM_BATTERY|1.0"),
SMS_Namespace(FALSE), Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]
```

```

class DCIM_Battery : SMS_Class_Template
{
  [SMS_Report (TRUE)]      string       Caption;
  [SMS_Report (TRUE), Key] string       CreationClassName;
  [SMS_Report (TRUE)]      string       Description;
  [SMS_Report (TRUE), Key] string       DeviceID;
  [SMS_Report (TRUE)]      string       ElementName;
  [SMS_Report (TRUE)]      uint16      EnabledDefault;
  [SMS_Report (TRUE)]      uint16      EnabledState;
  [SMS_Report (TRUE)]      string       ErrorDescription;
  [SMS_Report (TRUE)]      uint16      HealthState;
  [SMS_Report (TRUE)]      string       IdentifyingDescriptions[];
  [SMS_Report (TRUE)]      datetime     InstallDate;
  [SMS_Report (TRUE)]      string       Name;
}
```



```

[SMS_Report (TRUE)]      uint16 OperationalStatus[];
[SMS_Report (TRUE)]      string OtherIdentifyingInfo[];
[SMS_Report (TRUE)]      uint16 PrimaryStatus;
[SMS_Report (TRUE)]      uint16 RequestedState;
[SMS_Report (TRUE), Key] string SystemCreationClassName;
[SMS_Report (TRUE), Key] string SystemName;
[SMS_Report (TRUE)]      uint16 BatteryStatus;
[SMS_Report (TRUE)]      uint16 ChargingStatus;
[SMS_Report (TRUE)]      uint16 Chemistry;
[SMS_Report (TRUE)]      uint32 DesignCapacity;
[SMS_Report (TRUE)]      uint64 DesignVoltage;
[SMS_Report (TRUE)]      uint16 EstimatedChargeRemaining;
[SMS_Report (TRUE)]      uint32 EstimatedRunTime;
[SMS_Report (TRUE)]      uint8 RemainingCapacityMaxError;
[SMS_Report (TRUE)]      string SmartBatteryVersion;
[SMS_Report (TRUE)]      string Status;
[SMS_Report (TRUE)]      uint16 TransitioningToState;
};


```

```
[ SMS_Report(TRUE), SMS_Group_Name("DCIM Button"), SMS_Class_ID("DELL|DCIM_BUTTON|1.0"),
SMS_Namespace(FALSE), Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]
```

```

class DCIM_Button : SMS_Class_Template
{
    [SMS_Report (TRUE)]      uint16 ButtonPurpose;
    [SMS_Report (TRUE)]      uint16ButtonType;
    [SMS_Report (FALSE)]     string Caption;
}
```



```

[SMS_Report (TRUE), Key] string CreationClassName;
[SMS_Report (TRUE), Key] string DeviceID;
[SMS_Report (FALSE)] string ElementName;
[SMS_Report (FALSE)] uint16 EnabledDefault;
[SMS_Report (FALSE)] uint16 EnabledState;
[SMS_Report (FALSE)] uint16 RequestedState;
[SMS_Report (TRUE), Key] string SystemCreationClassName;
[SMS_Report (FALSE), Key] string SystemName;
[SMS_Report (FALSE)] uint16 TransitioningToState;
};


```

```

[ SMS_Report(TRUE), SMS_Group_Name("DCIM BIOSElement"),
SMS_Class_ID("DELL|DCIM_BIOSELEMENT|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]

class DCIM_BIOSElement : SMS_Class_Template
{
    [SMS_Report (FALSE)] string Caption;
    [SMS_Report (FALSE)] string Description;
    [SMS_Report (FALSE)] string ElementName;
    [SMS_Report (FALSE)] uint16 HealthState;
    [SMS_Report (FALSE)] datetime InstallDate;
    [SMS_Report (TRUE)] string Manufacturer;
    [SMS_Report (TRUE), Key] string Name;
    [SMS_Report (FALSE)] uint16 OperationalStatus[];
    [SMS_Report (FALSE)] uint16 PrimaryStatus;
    [SMS_Report (TRUE)] datetime ReleaseDate;
    [SMS_Report (FALSE)] string SerialNumber;
}
```



```

[SMS_Report (TRUE), Key] string SoftwareElementID;
[SMS_Report (TRUE), Key] uint16 SoftwareElementState;
[SMS_Report (TRUE), Key] uint16 TargetOperatingSystem;
[SMS_Report (TRUE), Key] string Version;
};

```

```

[ SMS_Report(TRUE), SMS_Group_Name("DCIM BIOS Enumeration"),
SMS_Class_ID("DELL|DCIM_BIOSENUMERATION|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]

```

```

class DCIM_BIOSEnumeration : SMS_Class_Template
{
[SMS_Report (FALSE)] string Caption;
[SMS_Report (FALSE)] string Description;
[SMS_Report (FALSE)] string ElementName;
[SMS_Report (TRUE), Key] string InstanceID;
[SMS_Report (TRUE)] string AttributeName;
[SMS_Report (TRUE)] string CurrentValue[];
[SMS_Report (TRUE)] boolean IsReadOnly;
[SMS_Report (TRUE)] string PossibleValues[];
[SMS_Report (TRUE)] string PossibleValuesDescription[];
};

```

```

[ SMS_Report(TRUE), SMS_Group_Name("DCIM BIOSPassword"),
SMS_Class_ID("DELL|DCIM_BIOSPASSWORD|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]

```

```

class DCIM_BIOSPassword : SMS_Class_Template

```



```

{
    [SMS_Report (TRUE)]      string   ElementName;
    [SMS_Report (TRUE), Key]  string   InstanceID;
    [SMS_Report (TRUE)]      string   AttributeName;
    [SMS_Report (TRUE)]      string   CurrentValue[];
    [SMS_Report (TRUE)]      string   PendingValue[];
    [SMS_Report (TRUE)]      uint64   MaxLength;
    [SMS_Report (TRUE)]      uint64   MinLength;
    [SMS_Report (TRUE)]      boolean  IsSet;
};


```

```
[ SMS_Report(TRUE), SMS_Group_Name("DCIM BIOSService"),
SMS_Class_ID("DELL|DCIM_BIOSSERVICE|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]
```

```
class DCIM_BIOSService : SMS_Class_Template
{
    [SMS_Report (TRUE), Key]  string   CreationClassName;
    [SMS_Report (TRUE), Key]  string   Name;
    [SMS_Report (TRUE), Key]  string   SystemCreationClassName;
    [SMS_Report (TRUE), Key]  string   SystemName;
};
```

```
[ SMS_Report(TRUE), SMS_Group_Name("DCIM BIOSString"),
SMS_Class_ID("DELL|DCIM_BIOSSTRING|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]
```

```
class DCIM_BIOSString : SMS_Class_Template
{
```



```

[SMS_Report (FALSE)]      string  ElementName;
[SMS_Report (TRUE), Key]  string  InstanceID;
[SMS_Report (TRUE)]      string  AttributeName;
[SMS_Report (FALSE)]      string  CurrentValue[];
[SMS_Report (TRUE)]      uint32  StringType;
[SMS_Report (TRUE)]      uint64  MaxLength;

};


```

```

[ SMS_Report(TRUE), SMS_Group_Name("DCIM Boot Config Setting"),
SMS_Class_ID("DELL|DCIM_BOOTCONFIGSETTING|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]


```

```

class DCIM_BootConfigSetting : SMS_Class_Template
{
[SMS_Report (TRUE)]      string  ElementName;
[SMS_Report (TRUE), Key]  string  InstanceID;
};


```

```

[ SMS_Report(TRUE), SMS_Group_Name("DCIM Boot Service"),
SMS_Class_ID("DELL|DCIM_BOOTSERVICE|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]


```

```

class DCIM_BootService : SMS_Class_Template
{
[SMS_Report (TRUE), Key]  string  CreationClassName;
[SMS_Report (TRUE), Key]  string  Name;
[SMS_Report (TRUE), Key]  string  SystemCreationClassName;
[SMS_Report (TRUE), Key]  string  SystemName;

```



```
};
```

```
[ SMS_Report(TRUE), SMS_Group_Name("DCIM Boot Source Setting"),
SMS_Class_ID("DELL|DCIM_BOOTSOURCESETTING|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]
```

```
class DCIM_BootSourceSetting : SMS_Class_Template
{
    [SMS_Report (TRUE)]     string   BIOSBootString;
    [SMS_Report (TRUE)]     string   Caption;
    [SMS_Report (TRUE)]     uint16  ChangeableType;
    [SMS_Report (TRUE)]     string   Description;
    [SMS_Report (TRUE)]     string   ElementName;
    [SMS_Report (TRUE)]     uint16  FailThroughSupported;
    [SMS_Report (TRUE), Key] string   InstanceID;
    [SMS_Report (TRUE)]     string   StructuredBootString;
}
```

```
[ SMS_Report(TRUE), SMS_Group_Name("DCIM Card"), SMS_Class_ID("DELL|DCIM_CARD|1.0"),
SMS_Namespace(FALSE), Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]
```

```
class DCIM_Card : SMS_Class_Template
{
    [SMS_Report (TRUE)]     boolean   CanBeFRUed;
    [SMS_Report (TRUE)]     string    Caption;
    [SMS_Report (TRUE), Key] string    CreationClassName;
    [SMS_Report (TRUE)]     string    Description;
    [SMS_Report (TRUE)]     string    ElementName;
    [SMS_Report (TRUE)]     uint16   HealthState;
```



```

[SMS_Report (TRUE)] boolean HostingBoard;
[SMS_Report (TRUE)] datetime InstallDate;
[SMS_Report (TRUE)] datetime ManufactureDate;
[SMS_Report (TRUE)] string Manufacturer;
[SMS_Report (TRUE)] string Model;
[SMS_Report (TRUE)] string Name;
[SMS_Report (TRUE)] uint16 OperationalStatus[];
[SMS_Report (TRUE)] string OtherIdentifyingInfo;
[SMS_Report (TRUE)] uint16 PackageType;
[SMS_Report (TRUE)] string PartNumber;
[SMS_Report (TRUE)] uint16 PrimaryStatus;
[SMS_Report (TRUE)] string SerialNumber;
[SMS_Report (TRUE)] string SKU;
[SMS_Report (TRUE), Key] string Tag;
[SMS_Report (TRUE)] string VendorCompatibilityStrings[];
[SMS_Report (TRUE)] string Version;
};


```

```

[ SMS_Report(TRUE), SMS_Group_Name("DCIM Chassis and Docking"),
SMS_Class_ID("DELL|DCIM_Chassis|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]

```

```

class DCIM_Chassis : SMS_Class_Template

{
[SMS_Report (TRUE)] string BreachDescription;
[SMS_Report (FALSE)] boolean CanBeFRUed;
[SMS_Report (TRUE)] uint16 ChassisPackageType;
[SMS_Report (TRUE), Key] string CreationClassName;

```



```

[SMS_Report (TRUE)]      string   ElementName;
[SMS_Report (FALSE)]     datetime FirstPowerOnDate;
[SMS_Report (FALSE)]     boolean    LockPresent;
[SMS_Report (TRUE)]      string   Manufacturer;
[SMS_Report (FALSE)]     datetime ManufactureDate;
[SMS_Report (TRUE)]      string   Model;
[SMS_Report (FALSE)]     string   Name;
[SMS_Report (TRUE)]      uint16   PackageType;
[SMS_Report (FALSE)]     string   PartNumber;
[SMS_Report (TRUE)]      string   SerialNumber;
[SMS_Report (FALSE)]     string   SKU;
[SMS_Report (TRUE), Key] string   Tag;
[SMS_Report (FALSE)]     string   PropertyOwnershipTag;
};


```

```
[ SMS_Report(TRUE), SMS_Group_Name("DCIM Chip"), SMS_Class_ID("DELL|DCIM_CHIP|1.0"),
SMS_Namespace(FALSE), Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]
```

```

class DCIM_Chip : SMS_Class_Template
{
[SMS_Report (TRUE)]      boolean    CanBeFRUed;
[SMS_Report (TRUE)]      string     Caption;
[SMS_Report (TRUE), Key] string     CreationClassName;
[SMS_Report (TRUE)]      string     Description;
[SMS_Report (TRUE)]      string     ElementName;
[SMS_Report (TRUE)]      uint16    HealthState;
[SMS_Report (TRUE)]      datetime   InstallDate;
```



```

[SMS_Report (TRUE)]      uint16  IRQ;
[SMS_Report (TRUE)]      datetime   ManufactureDate;
[SMS_Report (TRUE)]      string    Manufacturer;
[SMS_Report (TRUE)]      string    Model;
[SMS_Report (TRUE)]      string    Name;
[SMS_Report (TRUE)]      uint16  OperationalStatus[];
[SMS_Report (TRUE)]      string    OtherIdentifyingInfo;
[SMS_Report (TRUE)]      string    PartNumber;
[SMS_Report (TRUE)]      uint16  PrimaryStatus;
[SMS_Report (TRUE)]      string    SerialNumber;
[SMS_Report (TRUE)]      string    SKU;
[SMS_Report (TRUE), Key] string    Tag;
[SMS_Report (TRUE)]      string    Version;
};


```

```

[ SMS_Report(TRUE), SMS_Group_Name("DCIM Concrete Job"),
SMS_Class_ID("DELL|DCIM_CONCRETEJOB|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]

class DCIM_ConcreteJob : SMS_Class_Template
{
    [SMS_Report (FALSE)]      string    Caption;
    [SMS_Report (FALSE)]      boolean   DeleteOnCompletion;
    [SMS_Report (FALSE)]      string    Description;
    [SMS_Report (FALSE)]      string    ElementName;
    [SMS_Report (TRUE)]       uint16  ErrorCode;
    [SMS_Report (TRUE)]       string    ErrorDescription;
    [SMS_Report (FALSE)]      uint16  HealthState;
}
```



```

[SMS_Report (FALSE)]      datetime      InstallDate;
[SMS_Report (TRUE), Key]  string        InstanceID;
[SMS_Report (TRUE)]       string        JobStatus;
[SMS_Report (TRUE)]       string        Name;
[SMS_Report (FALSE)]      uint16        OperationalStatus[];
[SMS_Report (FALSE)]      uint16        PrimaryStatus;
[SMS_Report (FALSE)]      uint32        Priority;
[SMS_Report (TRUE)]       uint32        JobRunTimes;
[SMS_Report (TRUE)]       datetime      TimeBeforeRemoval;
};


```

```

[ SMS_Report(TRUE), SMS_Group_Name("DCIM Computer System"),
SMS_Class_ID("DELL|DCIM_COMPUTERSYSTEM|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]

class DCIM_ComputerSystem : SMS_Class_Template
{
    [SMS_Report (TRUE)]      string        Caption;
    [SMS_Report (TRUE), Key]  string        CreationClassName;
    [SMS_Report (TRUE)]      uint16        Dedicated[];
    [SMS_Report (TRUE)]      string        Description;
    [SMS_Report (TRUE)]      string        ElementName;
    [SMS_Report (TRUE)]      uint16        EnabledDefault;
    [SMS_Report (TRUE)]      uint16        EnabledState;
    [SMS_Report (TRUE)]      uint16        HealthState;
    [SMS_Report (TRUE)]      string        IdentifyingDescriptions[];
    [SMS_Report (TRUE)]      datetime      InstallDate;
    [SMS_Report (TRUE), Key] string        Name;
}
```



```

[SMS_Report (TRUE)]      string   NameFormat;
[SMS_Report (TRUE)]      uint16   OperationalStatus[];
[SMS_Report (TRUE)]      string   OtherIdentifyingInfo[];
[SMS_Report (TRUE)]      uint16   PrimaryStatus;
[SMS_Report (TRUE)]      uint16   RequestedState;
[SMS_Report (TRUE)]      uint16   TransitioningToState;
};


```

```

[ SMS_Report(TRUE), SMS_Group_Name("DCIM Desktop Monitor"),
SMS_Class_ID("DELL|DCIM_DESKTOPMONITOR|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\.\root\\\\dcim\\\\sysman") ]
```

```

class DCIM/DesktopMonitor : SMS_Class_Template
{
    [SMS_Report (TRUE)]      uint32   Brightness;
    [SMS_Report (TRUE)]      string   ColorCodeFormatSupported;
    [SMS_Report (TRUE)]      uint16   ColorModePreset;
    [SMS_Report (TRUE)]      sint16   ColorDepthBits;
    [SMS_Report (TRUE)]      boolean  CompositSyncSignalOnGreenVideoSupported;
    [SMS_Report (TRUE)]      boolean  CompositSyncSignalOnHorizontalSupported;
    [SMS_Report (TRUE)]      boolean  ContinuousFrequency;
    [SMS_Report (TRUE)]      uint32   Contrast;
    [SMS_Report (TRUE), Key] string   CreationClassName;
    [SMS_Report (TRUE)]      uint16   CurrentResolutionH;
    [SMS_Report (TRUE)]      uint16   CurrentResolutionV;
    [SMS_Report (TRUE)]      string   Description;
    [SMS_Report (TRUE), Key] string   DeviceID;
    [SMS_Report (FALSE)]     string   EDIDGamma;
```



```

[SMS_Report (TRUE)]     string   EDIDVersionNumber;
[SMS_Report (TRUE)]     boolean   InputAnalog;
[SMS_Report (TRUE)]     boolean   InputDigital;
[SMS_Report (TRUE)]     boolean   InputDisplayPort;
[SMS_Report (TRUE)]     boolean   InputDVI;
[SMS_Report (TRUE)]     uint16   InputSource;
[SMS_Report (TRUE)]     string   ManufactureDate;
[SMS_Report (TRUE)]     uint32   MaxBrightness;
[SMS_Report (TRUE)]     uint32   MaxContrast;
[SMS_Report (TRUE)]     uint64   MaxQuiesceTime;
[SMS_Report (TRUE)]     string   MCCSVersionNumber;
[SMS_Report (TRUE)]     uint16   PhysicalSizeH;
[SMS_Report (TRUE)]     uint16   PhysicalSizeV;
[SMS_Report (TRUE)]     uint16   PrimaryStatus;
[SMS_Report (TRUE)]     string   ProductCode;
[SMS_Report (TRUE)]     string   SerialNumber;
[SMS_Report (TRUE)]     boolean   SeparateSyncHVSupported;
[SMS_Report (TRUE)]     boolean   sRGBStandardDefaultColorSpace;
[SMS_Report (TRUE)]     uint16   StandbyModeSupported;
[SMS_Report (TRUE)]     uint16   SuspendModeSupported;
[SMS_Report (TRUE), Key] string   SystemCreationClassName;
[SMS_Report (TRUE), Key] string   SystemName;
[SMS_Report (TRUE)]     uint16   VeryLowPowerSupported;
};


```



```

[ SMS_Report(TRUE), SMS_Group_Name("DCIM Device Bay"),
SMS_Class_ID("DELL|DCIM_DEVICEBAY|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\root\\\\\\dcim\\\\sysman") ]

class DCIM_DeviceBay : SMS_Class_Template

{
    [SMS_Report (FALSE)]     string   Caption;
    [SMS_Report (TRUE), Key] string   CreationClassName;
    [SMS_Report (FALSE)]     string   Description;
    [SMS_Report (TRUE)]      uint16  DeviceBayType;
    [SMS_Report (TRUE)]      string   DeviceBayLocation;
    [SMS_Report (TRUE)]      string   DeviceCurrentlyAttached;
    [SMS_Report (TRUE), Key] string   DeviceID;
    [SMS_Report (TRUE)]      string   DeviceSupported;
    [SMS_Report (TRUE)]      string   ElementName;
    [SMS_Report (TRUE)]      uint16  EnabledDefault;
    [SMS_Report (TRUE)]      uint16  EnabledState;
    [SMS_Report (FALSE)]     string   ErrorDescription;
    [SMS_Report (FALSE)]     uint16  HealthState;
    [SMS_Report (TRUE)]      string   IdentifyingDescriptions[];
    [SMS_Report (FALSE)]     datetime InstallDate;
    [SMS_Report (TRUE)]      uint16  LogicalModuleType;
    [SMS_Report (TRUE)]      uint16  ModuleNumber;
    [SMS_Report (FALSE)]     string   Name;
    [SMS_Report (FALSE)]     uint16  OperationalStatus[];
    [SMS_Report (TRUE)]      string   OtherIdentifyingInfo[];
    [SMS_Report (FALSE)]     uint16  PrimaryStatus;
    [SMS_Report (FALSE)]     uint16  RequestedState;
}

```



```

[SMS_Report (TRUE), Key] string SystemCreationClassName;
[SMS_Report (TRUE), Key] string SystemName;
[SMS_Report (FALSE)]     uint16 TransitioningToState;
};

[ SMS_Report(TRUE), SMS_Group_Name("DCIM Display Controller"),
SMS_Class_ID("DELL|DCIM_DISPLAYCONTROLLER|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\root\\\\dcim\\\\sysman") ]

class DCIM_DisplayController : SMS_Class_Template
{
[SMS_Report (FALSE)]     string CapabilityDescriptions[];
[SMS_Report (FALSE)]     uint16 CommunicationStatus;
[SMS_Report (TRUE)]      string Caption;
[SMS_Report (TRUE), Key] string CreationClassName;
[SMS_Report (TRUE)]      string Description;
[SMS_Report (TRUE), Key] string DeviceID;
[SMS_Report (TRUE)]      string ElementName;
[SMS_Report (TRUE)]      uint16 EnabledDefault;
[SMS_Report (TRUE)]      uint16 EnabledState;
[SMS_Report (TRUE)]      string Name;
[SMS_Report (FALSE)]     uint16 PrimaryStatus;
[SMS_Report (FALSE)]     uint16 RequestedState;
[SMS_Report (TRUE), Key] string SystemCreationClassName;
[SMS_Report (TRUE), Key] string SystemName;
[SMS_Report (FALSE)]     uint16 TransitioningToState;
};

```



```

[ SMS_Report(TRUE), SMS_Group_Name("DCIM Ethernet Port"),
SMS_Class_ID("DELL|DCIM_ETHERNETPORT|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\root\\\\\\dcim\\\\sysman") ]

class DCIM_EthernetPort : SMS_Class_Template

{
    [SMS_Report (FALSE)]     string   Caption;
    [SMS_Report (TRUE), Key] string   CreationClassName;
    [SMS_Report (FALSE)]     string   Description;
    [SMS_Report (TRUE), Key] string   DeviceID;
    [SMS_Report (TRUE)]      string   ElementName;
    [SMS_Report (FALSE)]     uint16  EnabledDefault;
    [SMS_Report (FALSE)]     uint16  EnabledState;
    [SMS_Report (FALSE)]     string   ErrorDescription;
    [SMS_Report (FALSE)]     uint16  HealthState;
    [SMS_Report (FALSE)]     string   IdentifyingDescriptions[];
    [SMS_Report (FALSE)]     datetime InstallDate;
    [SMS_Report (TRUE)]      uint16  LinkTechnology;
    [SMS_Report (FALSE)]     uint64  MaxSpeed;
    [SMS_Report (TRUE)]      string   Name;
    [SMS_Report (FALSE)]     uint16  OperationalStatus[];
    [SMS_Report (FALSE)]     string   OtherIdentifyingInfo[];
    [SMS_Report (TRUE)]      string   PermanentAddress;
    [SMS_Report (FALSE)]     uint16  PortType;
    [SMS_Report (FALSE)]     uint16  PrimaryStatus;
    [SMS_Report (FALSE)]     uint16  RequestedState;
    [SMS_Report (FALSE)]     uint64  Speed;
    [SMS_Report (TRUE), Key] string   SystemCreationClassName;
}

```



```

[SMS_Report (TRUE), Key] string SystemName;
[SMS_Report (FALSE)]      uint16 TOEEnabledState;
[SMS_Report (FALSE)]      uint16 TransitioningToState;
};

[ SMS_Report(TRUE), SMS_Group_Name("DCIM Fan"), SMS_Class_ID("DELL|DCIM_FAN|1.0"),
SMS_Namespace(FALSE), Namespace("\\\\\\\\root\\\\\\dcim\\\\sysman") ]

class DCIM_Fan : SMS_Class_Template
{
[SMS_Report (TRUE)]      boolean      ActiveCooling;
[SMS_Report (FALSE)]     string       Caption;
[SMS_Report (TRUE), Key] string       CreationClassName;
[SMS_Report (FALSE)]     string       Description;
[SMS_Report (TRUE), Key] string       DeviceID;
[SMS_Report (TRUE)]      string       ElementName;
[SMS_Report (TRUE)]      uint16      EnabledDefault;
[SMS_Report (TRUE)]      uint16      EnabledState;
[SMS_Report (TRUE)]      string       ErrorDescription;
[SMS_Report (FALSE)]     boolean      ErrorCleared;
[SMS_Report (TRUE)]      uint16      HealthState;
[SMS_Report (FALSE)]     string       IdentifyingDescriptions[];
[SMS_Report (FALSE)]     datetime     InstallDate;
[SMS_Report (TRUE)]      string       Name;
[SMS_Report (TRUE)]      uint16      OperationalStatus[];
[SMS_Report (TRUE)]      uint16      PrimaryStatus;
[SMS_Report (TRUE)]      uint16      RequestedState;

```



```

[SMS_Report (TRUE), Key] string SystemCreationClassName;
[SMS_Report (TRUE), Key] string SystemName;
[SMS_Report (TRUE)] boolean VariableSpeed;
[SMS_Report (TRUE)] uint16 TransitioningToState;
};

```

```

[ SMS_Report(TRUE), SMS_Group_Name("DCIM Flat Panel"), SMS_Class_ID("DELL|DCIM_FLATPANEL|1.0"),
SMS_Namespace(FALSE), Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]

```

```

class DCIM_FlatPanel : SMS_Class_Template
{
    [SMS_Report (TRUE)] string Brightness;
    [SMS_Report (FALSE)] string Caption;
    [SMS_Report (TRUE), Key] string CreationClassName;
    [SMS_Report (FALSE)] string Description;
    [SMS_Report (TRUE), Key] string DeviceID;
    [SMS_Report (TRUE)] uint16 DisplayType;
    [SMS_Report (TRUE)] string ElementName;
    [SMS_Report (TRUE)] uint16 EnabledDefault;
    [SMS_Report (TRUE)] uint16 EnabledState;
    [SMS_Report (FALSE)] string ErrorDescription;
    [SMS_Report (FALSE)] uint16 HealthState;
    [SMS_Report (TRUE)] uint32 HorizontalResolution;
    [SMS_Report (FALSE)] uint64 MaxQuiesceTime;
    [SMS_Report (FALSE)] string IdentifyingDescriptions[];
    [SMS_Report (FALSE)] datetime InstallDate;
    [SMS_Report (FALSE)] string Name;
}

```



```

[SMS_Report (FALSE)]      uint16 OperationalStatus[];
[SMS_Report (FALSE)]      string OtherIdentifyingInfo[];
[SMS_Report (FALSE)]      uint16 PrimaryStatus;
[SMS_Report (FALSE)]      uint16 RequestedState;
[SMS_Report (FALSE)]      uint16 ScanMode;
[SMS_Report (TRUE), Key]  string SystemCreationClassName;
[SMS_Report (TRUE), Key]  string SystemName;
[SMS_Report (TRUE)]       uint32 VerticalResolution;
[SMS_Report (FALSE)]      uint16 TransitioningToState;
};


```

```
[ SMS_Report(TRUE), SMS_Group_Name("DCIM Memory"), SMS_Class_ID("DELL|DCIM_MEMORY|1.0"),
SMS_Namespace(FALSE), Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]
```

```

class DCIM_Memory : SMS_Class_Template
{
[SMS_Report (TRUE)]      uint16 Access;
[SMS_Report (TRUE)]      uint64 BlockSize;
[SMS_Report (FALSE)]     string Caption;
[SMS_Report (TRUE)]      uint64 ConsumableBlocks;
[SMS_Report (TRUE), Key]  string CreationClassName;
[SMS_Report (FALSE)]     string Description;
[SMS_Report (TRUE), Key]  string DeviceID;
[SMS_Report (TRUE)]      string ElementName;
[SMS_Report (TRUE)]      uint16 EnabledDefault;
[SMS_Report (TRUE)]      uint16 EnabledState;
[SMS_Report (FALSE)]     string ErrorDescription;

```



```

[SMS_Report (FALSE)]      uint16  ErrorInfo;
[SMS_Report (TRUE)]       string   ErrorMethodology;
[SMS_Report (TRUE)]       uint16  FailOverState;
[SMS_Report (TRUE)]       uint16  HealthState;
[SMS_Report (FALSE)]      string   IdentifyingDescriptions[];
[SMS_Report (TRUE)]       boolean   Primordial;
[SMS_Report (FALSE)]      datetime  InstallDate;
[SMS_Report (TRUE)]       uint64   NumberOfBlocks;
[SMS_Report (TRUE)]       uint16  OperationalStatus[];
[SMS_Report (TRUE)]       string   OtherIdentifyingInfo[];
[SMS_Report (TRUE)]       uint16  PrimaryStatus;
[SMS_Report (TRUE)]       string   Purpose;
[SMS_Report (TRUE)]       uint16  RedundancyConfiguration;
[SMS_Report (TRUE)]       uint16  RequestedState;
[SMS_Report (TRUE), Key]  string   SystemCreationClassName;
[SMS_Report (TRUE), Key]  string   SystemName;
[SMS_Report (TRUE)]       boolean   volatile;
[SMS_Report (TRUE)]       uint16  TransitioningToState;
};


```

```

[ SMS_Report(TRUE), SMS_Group_Name("DCIM Numeric Sensor"),
SMS_Class_ID("DELL|DCIM_NUMERICSENSOR|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\root\\\\dcim\\\\sysman") ]

```

```

class DCIM_NumericSensor : SMS_Class_Template
{
[SMS_Report (TRUE)]      uint16  BaseUnits;
[SMS_Report (FALSE)]     string   Caption;

```



[SMS_Report (TRUE), Key]	string	CreationClassName;
[SMS_Report (FALSE)]	sint32	CurrentReading;
[SMS_Report (TRUE)]	string	CurrentState;
[SMS_Report (FALSE)]	string	Description;
[SMS_Report (TRUE), Key]	string	DeviceID;
[SMS_Report (TRUE)]	string	ElementName;
[SMS_Report (TRUE)]	uint16	EnabledDefault;
[SMS_Report (TRUE)]	uint16	EnabledState;
[SMS_Report (FALSE)]	string	ErrorDescription;
[SMS_Report (TRUE)]	uint16	HealthState;
[SMS_Report (FALSE)]	string	IdentifyingDescriptions[];
[SMS_Report (FALSE)]	datetime	InstallDate;
[SMS_Report (TRUE)]	sint32	LowerThresholdNonCritical;
[SMS_Report (TRUE)]	sint32	LowerThresholdFatal;
[SMS_Report (TRUE)]	sint32	LowerThresholdCritical;
[SMS_Report (FALSE)]	string	Name;
[SMS_Report (TRUE)]	uint16	OperationalStatus[];
[SMS_Report (FALSE)]	string	OtherIdentifyingInfo[];
[SMS_Report (FALSE)]	uint64	PollingInterval;
[SMS_Report (TRUE)]	string	PossibleStates[];
[SMS_Report (FALSE)]	uint16	PrimaryStatus;
[SMS_Report (TRUE)]	uint16	RateUnits;
[SMS_Report (FALSE)]	uint16	RequestedState;
[SMS_Report (TRUE)]	uint16	SensorType;
[SMS_Report (TRUE), Key]	string	SystemCreationClassName;
[SMS_Report (TRUE), Key]	string	SystemName;



```

[SMS_Report (FALSE)]      sint32  UnitModifier;
[SMS_Report (TRUE)]       sint32  UpperThresholdNonCritical;
[SMS_Report (TRUE)]       sint32  UpperThresholdCritical;
[SMS_Report (TRUE)]       sint32  UpperThresholdFatal;
[SMS_Report (FALSE)]      uint16  TransitioningToState;
[SMS_Report (TRUE)]       uint16  ValueFormulation;
};


```

```

[ SMS_Report(TRUE), SMS_Group_Name("DCIM Operating System"),
SMS_Class_ID("DELL|DCIM_OPERATINGSYSTEM|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]
```

```

class DCIM_OperatingSystem : SMS_Class_Template
{
    [SMS_Report (TRUE)]      string   Caption;
    [SMS_Report (FALSE), Key] string   CreationClassName;
    [SMS_Report (FALSE), Key] string   CSCreationClassName;
    [SMS_Report (TRUE), Key]  string   CSName;
    [SMS_Report (FALSE)]     string   Description;
    [SMS_Report (FALSE)]     string   ElementName;
    [SMS_Report (FALSE)]     uint16  EnabledDefault;
    [SMS_Report (FALSE)]     uint16  EnabledState;
    [SMS_Report (FALSE)]     uint16  HealthState;
    [SMS_Report (TRUE)]      datetime InstallDate;
    [SMS_Report (TRUE)]      datetime LastBootUpTime;
    [SMS_Report (TRUE)]      datetime LocalDateTime;
    [SMS_Report (TRUE), Key] string   Name;
    [SMS_Report (FALSE)]     uint16  OperationalStatus[];
```



```

[SMS_Report (TRUE)]      uint16 OSType;
[SMS_Report (FALSE)]     string OtherTypeDescription;
[SMS_Report (FALSE)]     uint16 PrimaryStatus;
[SMS_Report (TRUE)]      uint16 RequestedState;
[SMS_Report (TRUE)]      string Version;
[SMS_Report (FALSE)]     uint16 TransitioningToState;
};


```

```

[ SMS_Report(FALSE), SMS_Group_Name("DCIM Ordered MemberOfCollection "),
SMS_Class_ID("DELL|DCIM_OrderedMemberOfCollection |1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]
```

```

class DCIM_OrderedMemberOfCollection : SMS_Class_Template
{
[SMS_Report (FALSE)]     string Collection;
[SMS_Report (FALSE)]     string Member;
[SMS_Report (FALSE)]     uint64 AssignedSequence;
};
```

```

[ SMS_Report(TRUE), SMS_Group_Name("DCIM Parallel Port"),
SMS_Class_ID("DELL|DCIM_PARALLELPORT|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]
```

```

class DCIM_ParallelPort : SMS_Class_Template
{
[SMS_Report (TRUE)]      uint64 BaseIOPAddress;
[SMS_Report (TRUE)]      uint16 ConnectorType;
[SMS_Report (TRUE)]      uint32 IRQLevel;
[SMS_Report (TRUE)]      uint32 Pinout;
```



```

[SMS_Report (TRUE)]      uint16 RequestedState;
[SMS_Report (TRUE)]      uint16 Security;
[SMS_Report (TRUE)]      uint64 Speed;
[SMS_Report (TRUE)]      uint16 TransitioningToState;
[SMS_Report (TRUE), Key] string CreationClassName;
[SMS_Report (TRUE), Key] string DeviceID;
[SMS_Report (TRUE)]      string ElementName;
[SMS_Report (TRUE)]      uint16 EnabledDefault;
[SMS_Report (TRUE)]      uint16 EnabledState;
[SMS_Report (TRUE), Key] string SystemCreationClassName;
[SMS_Report (TRUE), Key] string SystemName;
};


```

```
[ SMS_Report(TRUE), SMS_Group_Name("DCIM_PCIDevice"), SMS_Class_ID("DELL|DCIM_PCIEDEVICE|1.0"),
SMS_Namespace(FALSE), Namespace("\\\\\\\\.\root\\\\dcim\\\\sysman") ]
```

```

class DCIM_PCIDevice : SMS_Class_Template
{
    [SMS_Report (TRUE)]      uint8 BusNumber;
    [SMS_Report (FALSE)]     string Caption;
    [SMS_Report (TRUE), Key] string CreationClassName;
    [SMS_Report (TRUE)]      string Description;
    [SMS_Report (TRUE), Key] string DeviceID;
    [SMS_Report (TRUE)]      uint8 DeviceNumber;
    [SMS_Report (TRUE)]      string ElementName;
    [SMS_Report (FALSE)]     uint16 EnabledDefault;
    [SMS_Report (FALSE)]     uint16 EnabledState;
}
```



```

[SMS_Report (FALSE)]      string  ErrorDescription;
[SMS_Report (FALSE)]      uint8   FunctionNumber;
[SMS_Report (TRUE)]       uint16  HealthState;
[SMS_Report (FALSE)]      string   IdentifyingDescriptions[];
[SMS_Report (FALSE)]      datetime InstallDate;
[SMS_Report (FALSE)]      string   Name;
[SMS_Report (FALSE)]      uint16  OperationalStatus[];
[SMS_Report (FALSE)]      string   OtherIdentifyingInfo[];
[SMS_Report (TRUE)]       uint16  PrimaryStatus;
[SMS_Report (FALSE)]      uint16  RequestedState;
[SMS_Report (FALSE)]      uint16  StatusInfo;
[SMS_Report (FALSE)]      uint16  TransitioningToState;
[SMS_Report (TRUE), Key]  string   SystemCreationClassName;
[SMS_Report (TRUE), Key]  string   SystemName;
};


```

```

[ SMS_Report(TRUE), SMS_Group_Name("DCIM Processor"),
SMS_Class_ID("DELL|DCIM_PROCESSOR|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]

```

```

class DCIM_Processor : SMS_Class_Template
{
    [SMS_Report (TRUE), Key]  string  CreationClassName;
    [SMS_Report (TRUE), Key]  string  DeviceID;
    [SMS_Report (FALSE)]     string  Caption;
    [SMS_Report (TRUE)]      uint16 CPUStatus;
    [SMS_Report (TRUE)]      string  Description;
    [SMS_Report (TRUE)]      uint32 CurrentClockSpeed;

```



```

[SMS_Report (TRUE)]      string   ElementName;
[SMS_Report (TRUE)]      uint16   EnabledDefault;
[SMS_Report (TRUE)]      uint16   EnabledState;
[SMS_Report (TRUE)]      uint32   ExternalBusClockSpeed;
[SMS_Report (TRUE)]      uint16   Family;
[SMS_Report (TRUE)]      uint16   HealthState;
[SMS_Report (TRUE)]      uint32   MaxClockSpeed;
[SMS_Report (TRUE)]      uint16   NumberOfEnabledCores;
[SMS_Report (FALSE)]     uint16   OperationalStatus[];
[SMS_Report (TRUE)]      uint16   PrimaryStatus;
[SMS_Report (TRUE)]      uint16   RequestedState;
[SMS_Report (TRUE)]      string   Stepping;
[SMS_Report (TRUE)]      uint16   TransitioningToState;
[SMS_Report (TRUE)]      string   UniqueID;
[SMS_Report (TRUE)]      uint16   UpgradeMethod;
[SMS_Report (TRUE), Key]  string   SystemCreationClassName;
[SMS_Report (TRUE), Key]  string   SystemName;
};


```

```

[ SMS_Report(TRUE), SMS_Group_Name("DCIM Physical Memory"),
SMS_Class_ID("DELL|DCIM_PHYSICALMEMORY|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\root\\\\\\dcim\\\\sysman") ]

```

```

class DCIM_PhysicalMemory : SMS_Class_Template
{
    [SMS_Report (TRUE)]      string   BankLabel;
    [SMS_Report (TRUE)]      boolean   CanBeFRUed;
    [SMS_Report (TRUE)]      uint64   Capacity;

```



```

[SMS_Report (TRUE)]      string   Caption;
[SMS_Report (TRUE), Key] string   CreationClassName;
[SMS_Report (TRUE)]      string   Description;
[SMS_Report (TRUE)]      string   ElementName;
[SMS_Report (TRUE)]      uint16   HealthState;
[SMS_Report (TRUE)]      boolean   IsSpeedInMhz;
[SMS_Report (TRUE)]      uint16   FormFactor;
[SMS_Report (TRUE)]      datetime  InstallDate;
[SMS_Report (TRUE)]      datetime  ManufactureDate;
[SMS_Report (TRUE)]      string   Manufacturer;
[SMS_Report (TRUE)]      uint16   MemoryType;
[SMS_Report (TRUE)]      string   Model;
[SMS_Report (TRUE)]      string   Name;
[SMS_Report (TRUE)]      uint16   OperationalStatus[];
[SMS_Report (TRUE)]      string   OtherIdentifyingInfo;
[SMS_Report (TRUE)]      string   PartNumber;
[SMS_Report (TRUE)]      uint16   PrimaryStatus;
[SMS_Report (TRUE)]      string   SerialNumber;
[SMS_Report (TRUE)]      string   SKU;
[SMS_Report (TRUE)]      uint32   Speed;
[SMS_Report (TRUE), Key] string   Tag;
[SMS_Report (TRUE)]      string   Version;
};

[ SMS_Report(TRUE), SMS_Group_Name("DCIM Physical Package"),
SMS_Class_ID("DELL|DCIM_PHYSICALPACKAGE|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]

```



```

class DCIM_PhysicalPackage : SMS_Class_Template
{
    [SMS_Report (TRUE)]     boolean      CanBeFRUed;
    [SMS_Report (TRUE)]     string       Caption;
    [SMS_Report (TRUE), Key] string       CreationClassName;
    [SMS_Report (TRUE)]     string       Description;
    [SMS_Report (TRUE)]     string       ElementName;
    [SMS_Report (TRUE)]     uint16      HealthState;
    [SMS_Report (TRUE)]     datetime    InstallDate;
    [SMS_Report (TRUE)]     datetime    ManufactureDate;
    [SMS_Report (TRUE)]     string       Manufacturer;
    [SMS_Report (TRUE)]     string       Model;
    [SMS_Report (TRUE)]     string       Name;
    [SMS_Report (TRUE)]     uint16      OperationalStatus[];
    [SMS_Report (TRUE)]     string       OtherIdentifyingInfo;
    [SMS_Report (TRUE)]     string       OtherPackageType;
    [SMS_Report (TRUE)]     uint16      PackageType;
    [SMS_Report (TRUE)]     string       PartNumber;
    [SMS_Report (TRUE)]     uint16      PrimaryStatus;
    [SMS_Report (TRUE)]     string       SerialNumber;
    [SMS_Report (TRUE)]     string       SKU;
    [SMS_Report (TRUE), Key] string       Tag;
    [SMS_Report (TRUE)]     string       VendorCompatibilityStrings[];
    [SMS_Report (TRUE)]     string       Version;
};

```



```

[ SMS_Report(TRUE), SMS_Group_Name("DCIM Sensor"), SMS_Class_ID("DELL|DCIM_SENSOR|1.0"),
SMS_Namespace(FALSE), Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]

class DCIM_Sensor : SMS_Class_Template

{
    [SMS_Report (FALSE)]     string   Caption;
    [SMS_Report (TRUE), Key] string   CreationClassName;
    [SMS_Report (TRUE)]     string   CurrentState;
    [SMS_Report (FALSE)]     string   Description;
    [SMS_Report (TRUE), Key] string   DeviceID;
    [SMS_Report (TRUE)]     string   ElementName;
    [SMS_Report (FALSE)]     uint16   EnabledDefault;
    [SMS_Report (FALSE)]     uint16   EnabledState;
    [SMS_Report (FALSE)]     string   ErrorDescription;
    [SMS_Report (TRUE)]     uint16   HealthState;
    [SMS_Report (FALSE)]     string   IdentifyingDescriptions[];
    [SMS_Report (FALSE)]     datetime   InstallDate;
    [SMS_Report (FALSE)]     string   Name;
    [SMS_Report (TRUE)]     uint16   OperationalStatus[];
    [SMS_Report (FALSE)]     string   OtherIdentifyingInfo[];
    [SMS_Report (FALSE)]     uint64   PollingInterval;
    [SMS_Report (TRUE)]     string   PossibleStates[];
    [SMS_Report (FALSE)]     uint16   PrimaryStatus;
    [SMS_Report (FALSE)]     uint16   RequestedState;
    [SMS_Report (TRUE)]     uint16   SensorType;
    [SMS_Report (TRUE), Key] string   SystemCreationClassName;
    [SMS_Report (TRUE), Key] string   SystemName;
}

```



```

[SMS_Report (FALSE)]      uint16 TransitioningToState;
};

[ SMS_Report(TRUE), SMS_Group_Name("DCIM Serial Port"),
SMS_Class_ID("DELL|DCIM_SERIALPORT|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]

class DCIM_SerialPort : SMS_Class_Template

{
    [SMS_Report (TRUE)]      uint64 BaseIOAddress;
    [SMS_Report (FALSE)]     string Caption;
    [SMS_Report (TRUE)]      uint16 ConnectorType;
    [SMS_Report (TRUE), Key] string CreationClassName;
    [SMS_Report (FALSE)]     string Description;
    [SMS_Report (TRUE), Key] string DeviceID;
    [SMS_Report (TRUE)]     string ElementName;
    [SMS_Report (FALSE)]     uint16 EnabledDefault;
    [SMS_Report (FALSE)]     uint16 EnabledState;
    [SMS_Report (FALSE)]     string ErrorDescription;
    [SMS_Report (FALSE)]     uint16 FlowControlInfo;
    [SMS_Report (FALSE)]     uint16 HealthState;
    [SMS_Report (FALSE)]     string IdentifyingDescriptions[];
    [SMS_Report (FALSE)]     datetime InstallDate;
    [SMS_Report (TRUE)]      uint32 IRQLevel;
    [SMS_Report (TRUE)]      uint64 MaxSpeed;
    [SMS_Report (FALSE)]     string Name;
    [SMS_Report (FALSE)]     uint16 OperationalStatus[];
    [SMS_Report (FALSE)]     string OtherIdentifyingInfo[];
}

```



```

[SMS_Report (TRUE)]      uint16 PortType;
[SMS_Report (FALSE)]     uint16 PrimaryStatus;
[SMS_Report (FALSE)]     uint64 RequestedSpeed;
[SMS_Report (TRUE)]      uint16 RequestedState;
[SMS_Report (FALSE)]     uint64 Speed;
[SMS_Report (TRUE)]      uint16 Security;
[SMS_Report (TRUE)]      sint32 SerialPortCapabilities;
[SMS_Report (TRUE), Key] string SystemCreationClassName;
[SMS_Report (FALSE), Key] string SystemName;
[SMS_Report (FALSE)]     uint16 TransitioningToState;
};


```

```
[ SMS_Report(TRUE), SMS_Group_Name("DCIM Slot"), SMS_Class_ID("DELL|DCIM_SLOT|1.0"),
SMS_Namespace(FALSE), Namespace("\\\\\\\\root\\\\\\dcim\\\\sysman") ]
```

```

class DCIM_Slot : SMS_Class_Template
{
    [SMS_Report (TRUE)]      boolean      CanBeFRUed;
    [SMS_Report (TRUE)]      string       Caption;
    [SMS_Report (TRUE)]      uint16      ConnectorLayout;
    [SMS_Report (TRUE)]      uint16      ConnectorType[];
    [SMS_Report (TRUE), Key] string       CreationClassName;
    [SMS_Report (TRUE)]      string       Description;
    [SMS_Report (TRUE)]      string       ElementName;
    [SMS_Report (TRUE)]      uint16      HealthState;
    [SMS_Report (TRUE)]      datetime    InstallDate;
    [SMS_Report (TRUE)]      datetime    ManufactureDate;
}
```



```

[SMS_Report (TRUE)]      string   Manufacturer;
[SMS_Report (TRUE)]      string   Model;
[SMS_Report (TRUE)]      string   Name;
[SMS_Report (TRUE)]      uint16  Number;
[SMS_Report (TRUE)]      uint16  OperationalStatus[];
[SMS_Report (TRUE)]      string   OtherIdentifyingInfo;
[SMS_Report (TRUE)]      string   OtherTypeDescription;
[SMS_Report (TRUE)]      string   PartNumber;
[SMS_Report (TRUE)]      uint16  PrimaryStatus;
[SMS_Report (TRUE)]      string   SerialNumber;
[SMS_Report (TRUE)]      string   SKU;
[SMS_Report (TRUE)]      boolean  SupportsHotPlug;
[SMS_Report (TRUE), Key]  string   Tag;
[SMS_Report (TRUE)]      uint16  VccMixedVoltageSupport[];
[SMS_Report (TRUE)]      string   VendorCompatibilityStrings[];
[SMS_Report (TRUE)]      string   Version;
};


```

```

[ SMS_Report(TRUE), SMS_Group_Name("DCIM Software Identity"),
SMS_Class_ID("DELL|DCIM_SOFTWAREIDENTITY|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]

```

```

class DCIM_SoftwareIdentity : SMS_Class_Template
{
[SMS_Report (FALSE)]      string   Caption;
[SMS_Report (TRUE)]        string   ClassificationDescriptions[];
[SMS_Report (TRUE)]        uint16  Classifications[];
[SMS_Report (FALSE)]       string   Description;

```



```

[SMS_Report (TRUE)]      string   ElementName;
[SMS_Report (FALSE)]     uint16   HealthState;
[SMS_Report (TRUE)]      string   IdentityInfoType[];
[SMS_Report (TRUE)]      string   IdentityInfoValue[];
[SMS_Report (FALSE)]     datetime   InstallDate;
[SMS_Report (TRUE), Key] string   InstanceID;
[SMS_Report (TRUE)]      boolean   IsEntity;
[SMS_Report (TRUE)]      string   Manufacturer;
[SMS_Report (TRUE)]      string   Name;
[SMS_Report (FALSE)]     uint16   OperationalStatus[];
[SMS_Report (FALSE)]     uint16   PrimaryStatus;
[SMS_Report (TRUE)]      datetime   ReleaseDate;
[SMS_Report (FALSE)]     string   SerialNumber;
[SMS_Report (TRUE)]      string   TargetTypes[];
[SMS_Report (TRUE)]      string   VersionString;
[SMS_Report (FALSE)]     uint16   TransitioningToState;
[SMS_Report (FALSE)]     uint16   RevisionNumber;
};


```

```

[ SMS_Report(TRUE), SMS_Group_Name("DCIM_USBPort"), SMS_Class_ID("DELL|DCIM_USBPORT|1.0"),
SMS_Namespace(FALSE), Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]

class DCIM_USBPort : SMS_Class_Template
{
    [SMS_Report (FALSE)]     string   Caption;
    [SMS_Report (TRUE), Key] string   CreationClassName;
    [SMS_Report (FALSE)]     string   Description;
}
```



```

[SMS_Report (TRUE), Key] string DeviceID;
[SMS_Report (TRUE)]      string ElementName;
[SMS_Report (FALSE)]     uint16 EnabledDefault;
[SMS_Report (FALSE)]     uint16 EnabledState;
[SMS_Report (FALSE)]     string ErrorDescription;
[SMS_Report (FALSE)]     uint16 HealthState;
[SMS_Report (TRUE)]      uint16 OperationalStatus[];
[SMS_Report (FALSE)]     uint16 PortType;
[SMS_Report (FALSE)]     uint16 PrimaryStatus;
[SMS_Report (FALSE)]     uint16 RequestedState;
[SMS_Report (TRUE), Key] string SystemCreationClassName;
[SMS_Report (TRUE), Key] string SystemName;
[SMS_Report (FALSE)]     uint16 TransitioningToState;
};

[ SMS_Report(TRUE), SMS_Group_Name("DCIM Video Head"),
SMS_Class_ID("DELL|DCIM_VIDEOHEAD|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]

class DCIM_VideoHead : SMS_Class_Template
{
[SMS_Report (TRUE), Key] string CreationClassName;
[SMS_Report (TRUE), Key] string DeviceID;
[SMS_Report (TRUE), Key] string SystemCreationClassName;
[SMS_Report (TRUE), Key] string SystemName;
[SMS_Report (FALSE)]     uint32 CurrentBitsPerPixel;
[SMS_Report (TRUE)]      uint32 CurrentHorizontalResolution;
[SMS_Report (FALSE)]     uint32 CurrentNumberOfColumns;

```



```

[SMS_Report (FALSE)]     uint32 CurrentNumberOfRows;
[SMS_Report (FALSE)]     uint32 CurrentRefreshRate;
[SMS_Report (FALSE)]     uint16 CurrentScanMode;
[SMS_Report (TRUE)]      uint32 CurrentVerticalResolution;
[SMS_Report (FALSE)]     string Description;
[SMS_Report (FALSE)]     string ElementName;
[SMS_Report (FALSE)]     uint16 EnabledDefault;
[SMS_Report (TRUE)]      uint16 EnabledState;
[SMS_Report (FALSE)]     uint16 RequestedState;
[SMS_Report (FALSE)]     uint16 TransitioningToState;
};


```

```

[ SMS_Report(TRUE), SMS_Group_Name("DCIM VPro Settings"),
SMS_Class_ID("DELL|DCIM_VPROSETTINGS|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\.\\\\root\\\\dcim\\\\sysman") ]

```

```

class DCIM_VProSettings : SMS_Class_Template
{
    [SMS_Report (TRUE)]      string BIOSSupportedMaximumVAVersion;
    [SMS_Report (TRUE), Key]  string InstanceID;
    [SMS_Report (TRUE)]      uint16 LTTXTEnabledState;
    [SMS_Report (TRUE)]      uint16 SMXState;
    [SMS_Report (TRUE)]      uint16 SPIFlashhasPlatformDataRegionReserved;
    [SMS_Report (TRUE)]      uint16 SupportedBIOSsetup[];
    [SMS_Report (TRUE)]      uint16 SupportedVProFirmware[];
    [SMS_Report (TRUE)]      uint16 VMXState;
    [SMS_Report (TRUE)]      uint16 VProCharacteristics[];
};


```



```
[ SMS_Report(TRUE), SMS_Group_Name("DCIM Controller View"),
SMS_Class_ID("DELL|DCIM_CONTROLLERVIEW|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\.\root\\\\dcim\\\\sysman") ]
```

```
class DCIM_ControllerView : SMS_Class_Template
{
    [SMS_Report (TRUE)]     uint8   BusType;
    [SMS_Report (TRUE), Key] string  InstanceID;
    [SMS_Report (TRUE)]     string  ControllerFirmwareVersion;
    [SMS_Report (TRUE)]     string  DriverVersion;
    [SMS_Report (TRUE)]     string  ElementName;
    [SMS_Report (TRUE)]     uint8   PCISlot;
    [SMS_Report (TRUE)]     uint32  PrimaryStatus;
    [SMS_Report (TRUE)]     string  ProductName;
};
```

```
[ SMS_Report(TRUE), SMS_Group_Name("DCIM Physical Disk View"),
SMS_Class_ID("DELL|DCIM_PDVIEW|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\\\.\root\\\\dcim\\\\sysman") ]
```

```
class DCIM_PhysicalDiskView : SMS_Class_Template
{
    [SMS_Report (TRUE)]     uint32  DriveAFStatus;
    [SMS_Report (TRUE), Key] string  InstanceID;
    [SMS_Report (TRUE)]     uint32  DriveUsage;
    [SMS_Report (TRUE)]     string  Model;
    [SMS_Report (TRUE)]     string  ElementName;
    [SMS_Report (TRUE)]     string  SerialNumber;
```



```

[SMS_Report (TRUE)]      uint32 PrimaryStatus;
};

[ SMS_Report(TRUE), SMS_Group_Name("DCIM Virtual Disk View"),
SMS_Class_ID("DELL|DCIM_VDVIEW|1.0"), SMS_Namespace(FALSE),
Namespace("\\\\\\.\\\\root\\\\dcim\\\\sysman") ]

class DCIM_VirtualDiskView : SMS_Class_Template
{
    [SMS_Report (TRUE)]      uint32 RAIDStatus;
    [SMS_Report (TRUE), Key]  string InstanceID;
    [SMS_Report (TRUE)]      string PhysicalDiskIDs[];
    [SMS_Report (TRUE)]      uint32 RAIDTypes;
    [SMS_Report (TRUE)]      string ElementName;
    [SMS_Report (TRUE)]      uint32 StripeSize;
    [SMS_Report (TRUE)]      uint32 PrimaryStatus;
};

```



B Additional resources

Support.dell.com is focused on meeting your needs with proven services and support.

DellTechCenter.com is an IT Community where you can connect with Dell customers and Dell employees for the purpose of sharing knowledge, best practices, and information about Dell products and installations.

Referenced or recommended Dell publications:

- Install"Guide":
• User"Guide":
• Reference"Guide"
• SNMP"Reference"Guide":
http://downloads.dell.com/published/Pages/index.html#esuprt_client_sys_mgmt_opnmang_clnt_instr
- Extending"Client"Instrumentation"using"OMCI
http://en.community.dell.com/techcenter/extras/m/white_papers/20410895.aspx
- Prompting"collection"to"report"in"SCCM"2012
*****<http://asithadesilva.wordpress.com/2013/04/01/how-to-prompt-collection-to-a-report-in-sccm-2012/>

