Installing DataWarehouse Point

In this post, I will show you how to install and configure Datawarehouse point within CB1906. In order to install this role, make sure you have created a database for Datawarehouse in the SQL Server. I am using a single server role and, I have installed 2 databases (CM_TOR and CM_TOR_DW)

Click Administration – Sites – Add Site System roles

Add Site System Roles Wizard

Proxy

General	**Specify Internet proxy server**
Proxy	
System Role Selection	
Summary	
Progress	You can specify a proxy server for this site system server to use when it connects to the Internet.
Completion	

☐ Use a proxy server when synchronizing information from the Internet

Site System Proxy Server Account

The Site System Proxy Server Account provides authenticated access to the proxy server when this site system server connects to a location on the Internet.

Proxy server name: [   ]

Port: [80]

☐ Use credentials to connect to the proxy server

[   ] [Set... ▼]

[< Previous] [Next >] [Summary] [Cancel]

Add Site System Roles Wizard

System Role Selection

General	**Specify roles for this server**
Proxy	
System Role Selection	
Data Warehouse service p	
Data Warehouse service p	Available roles:
Summary	
Progress	
Completion	

☐ Certificate registration point
☐ Cloud management gateway connection point
☑ Data Warehouse service point
☐ Enrollment point
☐ Enrollment proxy point

Description:

A Data Warehouse service point synchronizes data from Configuration Manager database to Data Warehouse database.

[< Previous] [Next >] [Summary] [Cancel]

Data Warehouse service point settings

Specify Data Warehouse service point settings

General
Proxy
System Role Selection
    Data Warehouse service p
    Data Warehouse service p
Summary
Progress
Completion

Use the data warehouse service point to periodically copy data from your Configuration Manager site database to another database for long-term storage and trend analysis.

Configuration Manager data warehouse database connection settings

Specify the SQL Server information about the Configuration Manager data warehouse you will use to store data for the long-term.

The site system installation account, or local system account of the site server computer must have dbo access to the destination (data warehouse) database in order to be able to create tables and views.

SQL Server fully qualified domain name:
    CB.RAMLAN.CA
    Example: sqlserver.contoso.com

SQL Server instance name, if applicable:
    Example: Instance Name

Database name:
    CM_TOR_DW
    Example: CM_XYZ_DW

SQL Server port used for connection:
    1433

Data Warehouse service point Account
Specify the credentials that SQL Reporting Services will use when connecting to the Data Warehouse database.

User name:
    RAMLAN\Administrator

Set...

< Previous   Next >   Summary   Cancel

Click Select Tables

Data Warehouse service point schedule

Specify Data Warehouse service point schedule

General
Proxy
System Role Selection
    Data Warehouse service p
    Data Warehouse service p
Summary
Progress
Completion

Data Synchronization custom setting
Configuration Manager site database tables to synchronize:
    Select tables...

Manually start synchronization to data warehouse database.
    Synchronize now

Synchronization schedule

Start time: 05-Oct -2019   3:00 AM

Recurrence pattern

○ Daily
◉ Weekly

Recur every: 1   weeks on:

◉ Sunday   ○ Thursday
○ Monday   ○ Friday
○ Tuesday   ○ Saturday
○ Wednesday

< Previous   Next >   Summary   Cancel

Here you have the option to select any additional tables for reporting.

Database tables ✕

Select the tables to synchronize to the Data Warehouse database.

Filter... 🔍 ⌄

Table name	Group name
☐ _394_CONTROLLER_DATA	Hardware Inventory
☐ ActiveSync_Service_DATA	Hierarchy Information
☑ Add_Remove_Programs_64_DATA	Hardware Inventory
☑ Add_Remove_Programs_DATA	Hardware Inventory
☐ ADVANCED_CLIENT_PORTS_DATA	Hardware Inventory
☐ Agents	Hierarchy Information
☐ AI_MVLS	Hardware Inventory
☐ AI_NON_MS_LICENSE	Hardware Inventory
☐ AI_UploadQueue	Hardware Inventory
☐ AIProxy	Hardware Inventory
☐ Alert	Monitoring
☐ AlertClass	Monitoring
☐ AlertEvents	Monitoring
☐ AllowOrDenyListViolationData	Hierarchy Information
☐ AMT_AGENT_DATA	Hardware Inventory
☐ AMT_MachineProperties	Hierarchy Information
☐ AMT_Profile	Hierarchy Information
☐ ApplicationIdToNameMap	Device Management
☐ APPV_CLIENT_APPLICATION_DATA	Hardware Inventory
☐ APPV_CLIENT_PACKAGE_DATA	Hardware Inventory
☐ ATP_AdvancedThreatProtectionHealthStatus	Security
☐ AttributeMap	Other
☐ AUTOSTART_SOFTWARE_DATA	Hardware Inventory

OK   Cancel

Add Site System Roles Wizard ✕

Summary

- General
- Proxy
- System Role Selection
  - Data Warehouse service p
  - Data Warehouse service p
- **Summary**
- Progress
- Completion

Confirm the settings

Details:

Create a site system server with the following settings:
Site System Name
  • CB.RAMLAN.CA
Settings
  • Public FQDN: Not specified
  • Installation Account: RAMLAN\Administrator
Roles
  • Data Warehouse service point
Proxy Settings
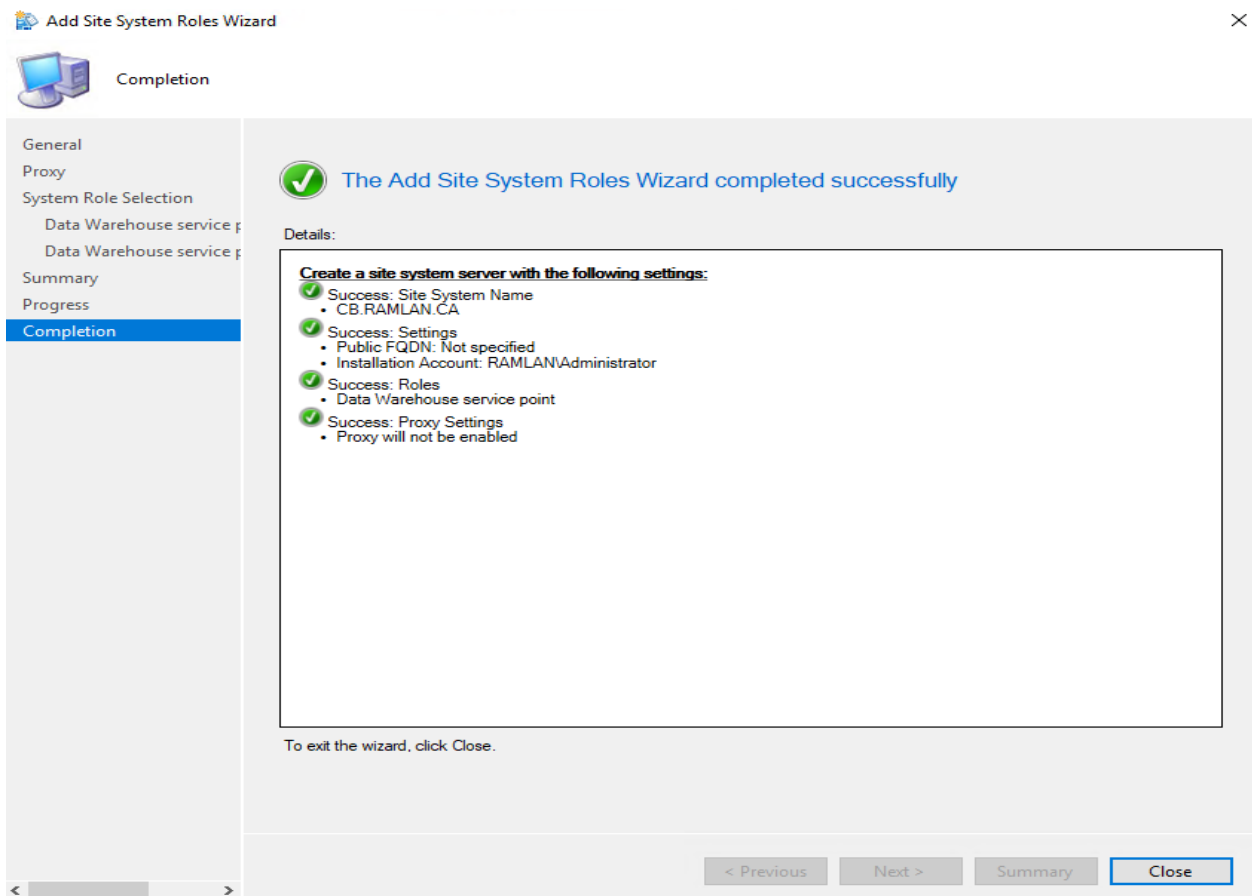 • Proxy will not be enabled

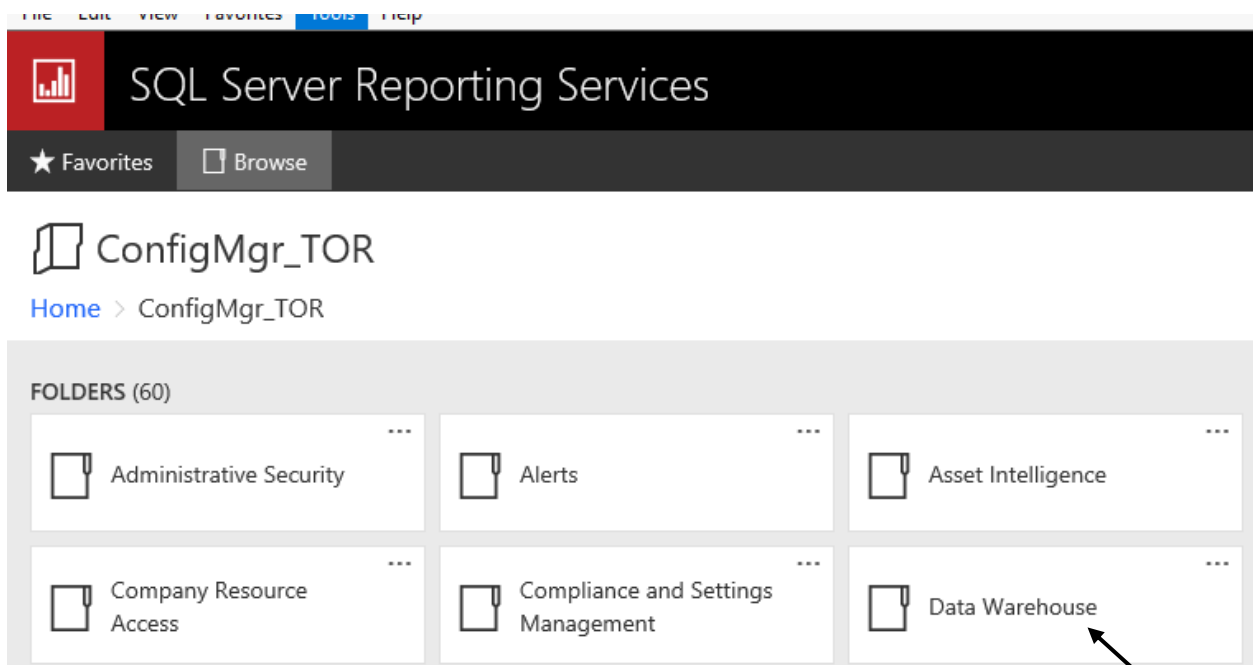To change these settings, click Previous. To apply the settings, click Next.

< Previous   Next >   Summary   Cancel

After some time, you will see Datawarehouse report listed within the Console and Reporting Services.

This concludes installing Datawarehouse role on CB1906.

Thanks!

Ram Lan
6th Oct 2019