This document is a brief guide that how to install and configure the Intel® Data Center Manager (DCM) Console on windows and Linux operating system
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1 System Requirements

Intel(R) Data Center Manager Console has been validated on the following operating systems and web browser:

- Microsoft Windows Server 2008 x86/ x64
- Red Hat Enterprise Linux 6 (EL6) Server x86/ x64
- Novell SUSE Linux Enterprise Server 11 (SLES 11) x86/ x64
- Ubuntu Server 12 x64
- Mozilla Firefox 21
- Google Chrome 27
- Microsoft Internet Explorer 9

It is recommended to install the Intel(R) DCM Console server on a system with at least:

- A dual-core processor of 2.6 GHz or higher
- 8GB RAM
- 80GB of hard drive space

2 Install DCM Console in Windows

2.1 DCM Console Installation in Windows

Double click the setup application “Intel(R)_Data_Center_Manager.exe” and follow on screen instruction.

Type the port listening for SNMP traps, and then click “Next” (recommended). If you
need to set RMI Port, click the checkbox firstly, and then set the number on the right side (But it prefers to use default value here).

You can set the TLS port by clicking the checkbox and set the number on the right, or choose not to use TLS port. And you also can choose another HTTP port number for the web service interface.
Configure the settings of sampling frequency and data granularities for power and thermal, then click “Next”.

Choose a log in password for DCM console.

Choose a TLS Keystore Password
Choose a database password

Follow on screen reminder, the DCM Console has been installed successfully.
3 Install DCM in Linux

DCM provide separate 32 and 64 bit Linux installer, please choose base on OS.

To install Intel(R) Data Center Manager Console on Ubuntu server, you may need to install unzip command line tool first.

3.1 Create Privilege

To install DCM, use the root user account. Go to the folder dcm64_package and find the setup application Intel(R)_Data_Center_Manager_intel64. If you are installing a version of 64-bit, you will see the text on screen like Fig.1 below. And the version of 32-bit shows you the text like Fig.2.

If it is the first to install DCM console, you need to type chmod +x Intel(R)_Data_Center_Manager_intel64 to create privilege. And it’s not necessary when reinstalling.

3.2 DCM Console Installation in Linux

Type ./Intel(R)_Data_Center_Manager_intel64 and press Enter to install. If you are installing a version of 64-bit, you will see the text on screen like Fig.3 below. And the version of 32-bit shows you the text like Fig.4.
The welcome screen shows **Press "Enter" key to continue or "q" to quit. Press Enter to continue.**

```
Step: Welcome
---------------------------------------------
Welcome to the Intel(R) Data Center Manager
installation wizard
---------------------------------------------
You will complete the steps below during this installation:
- Coexistence check
- End User License Agreement
- Installation location
- Installation configuration
- Installation
- Installation complete
---------------------------------------------
Press "Enter" key to continue or "q" to quit:
```

Some definition is given then. Press **Enter** for more, or just press **q** to continue.

(a) "Software" is defined as the software, documentation, and other associated materials, including any updates and upgrades thereto, that are provided to you under this Agreement. Software also includes the Redistributables as defined below.

(b) "Redistributables" are all files that are included in the Software excluding files under samples and doc directories

(c) "Source Code" is defined as the Software provided in human readable format, whether unmodified or modified by you.

```
Press ENTER for more, or q when done
```

In the License Agreement screen, read the license agreement. Type **accept** to continue.

```
Do you agree to be bound by the terms and conditions of this license agreement?:-----------------------------
Type "accept" to continue or "decline" to exit {accept/decline}: accept
```

In the **Product Installation** screen, do one of the following:

1) Type **1** to keep the default installation path, and press **Enter** to continue;
2) Type **2** to specify a custom directory.

If you type **2** in this step, press **Enter** and specify directory. Then press **Enter** to return.
Then the installation path in Option 1 change to the directory you specified. Type 1 and press Enter to continue.

In the Intel® DCM TLS Settings screen, configure the following settings:

1) Choose whether to use TLS. If use TLS, type 1 to enable/disable the TLS.
2) Type 2 to change TLS port.
3) Type 3 to enter keystore password.
   It is recommended to press Enter and set password directly without using TLS. If you type 2 or 3, TLS will be used automatically.

In the first Intel® Data Center Manager Settings screen, configure the following settings:

1) Host name or IP address: The IP address or resolvable host name to communicate from the reference UI
2) HTTP port: The listening port to host web service and reference UI
3) SNMP port: The port to receive SNMP trap forwarding
   It is recommended to use the default values and press Enter directly.
In the second Intel® Data Center Manager Settings screen, configure the settings of sampling frequency and data granularities for power and thermal. Press Enter directly to use the default values, or type the selection if you need to change.

Note: Data granularities must be a multiple of sampling frequency.

Enter the following information for the PostgreSQL database server account:

1) Type 1 to specify user name.
2) Type 2 to specify user password.
3) Type 3 to specify PostgreSQL Port. The default value is 6443. If another database is already using this default port, enter a different port.
4) Type 4 to specify PostgreSQL Data Directory. This is the location of PostgreSQL data.
5) Press Enter if you want to leave the default settings and continue.

Press Enter and then the screen shows installation progress.
You may need to type following information to create keystore and confirm them with yes during installing.
Once finish, in the **Finish** screen, press **q** to complete the installation.

4 Open DCM Console in Browser

To use DCM, please open browser, type `http://<server_name>:8688/DcmConsole` (D, C are capital)

Browser support: please use version IE9, Firefox 20, Chrome 26 or higher.

After you input password, you will see DCM Console main page.