WebDT Device Manager Quick Start Guide

WebDT Device Manager (WDM) enables remote management, control, and updates for DT Research Cloud Computing Appliances through a network. With efficient network management capabilities, WDM provides a tool to remotely control and manage individual or groups of the appliances. The web-based browser interface is intuitive and easy to use. Follow the steps in this Quick Start Guide to start managing your DT Research Cloud Computing Appliances.

For more detailed information, download the WebDT Device Manager User Guide: http://www.dtresearch.com/support/WDM.htm

1. WebDT Device Manager Network Connection Diagram

WebDT Device Manager Server

Any PC/ Laptop to remote operating WDM

DT Research Cloud Computing Appliances embedded with Client Agent
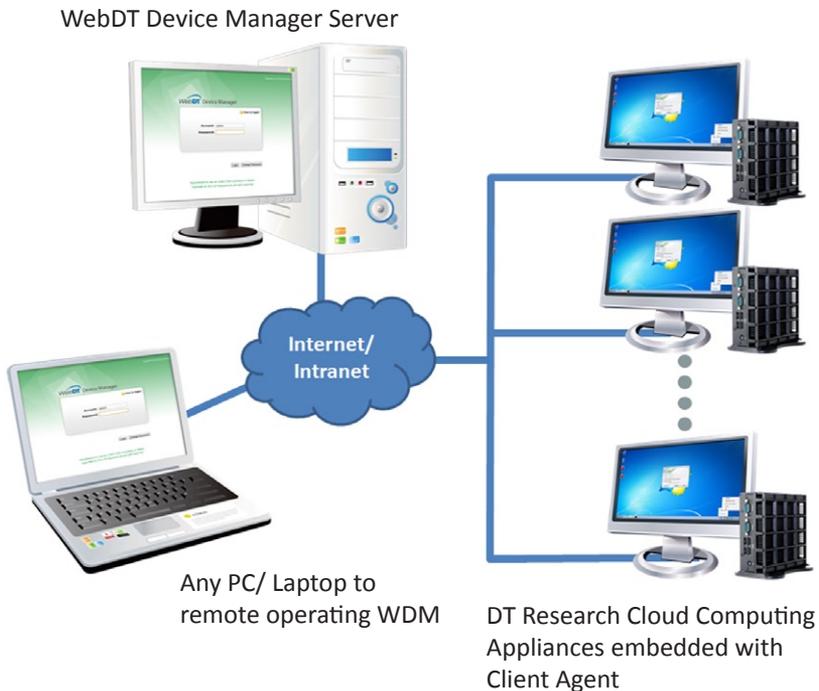
2. Before installing the WebDT Device Manager

Before installing WDM, make sure you have the following:
- Hardware and software requirements as listed below
- Login with an administrator account on your local server on which you want to install WDM
- Disable the computer anti-virus application; re-enable it again after installation
- If installing WDM on a computer with a database server, you may need to input your database account ID and Password (see "**Configuration Tool**" chapter in the User Manual for more details)
- Register your DT Research Cloud Computing Appliance on http://www.dtresearch.com/Industry/products/WDM/registration.html to get the Serial Number for WDM installation

Note: To register your DT Research devices, you will need the 15-digit hardware Product Key printed on the sticker attached on your device as below picture:

or
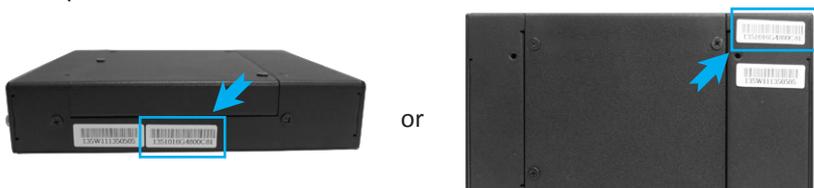
System Requirements for WDM Server Software Installation

▪ Hardware Requirements
  i.   4GB DDR3 DRAM or above
  ii. Intel Core i3 or above
  iii. 100Mbits or above Ethernet Adapter or above
  iv. At least 100GB free hard drive space (512GB recommended)

▪ Software Requirements
  i.   Windows Server 2008 Standard/ Enterprise Edition, Windows 7 Ultimate, Redhat Linux Enterprise 4.0 (Linux kernel 2.6 or above)
  ii. NTFS server file system
  iii. JRE (Java Runtime Environment) 1.6 or later
  iv. One of these browsers: IE9.0, Firefox, Safari, and Chrome

Note: The WDM Server system cannot be installed on an Active Directory server.

Note: Domain users can only install WDM to none system volume by logging an account belongs to local administrator group.

Note: At least 1366X768 16:9/16:10 or higher resolution display is recommended for operating WDM by browser.

3. Install the WebDT Device Manager

Download the WDM software program from
http://www.dtresearch.com/support/WDM.htm

I. Select the correct installation file to download according to the OS environment; WCM installer supports 32-bit, 64-bit Windows OS and Linux

II. Extract the downloaded file and click the installer file (.exe) to start the installation process

III. Click **Next** to continue the installation process

IV. Read and accept the license agreement then click **Next**

V. Enter the **Product Key** as show at right side then click **Next**

VI. Follow other instructions in the dialogs to complete the installation

Note: The components listed in **Custom Setup** page are required to run WDM. If you want to install the database on other machines or use your own database, uncheck the **Install PostgrSQL Data-base Version 9.0** in **Custom Setup** step as seen in below screen. Otherwise, check all items.
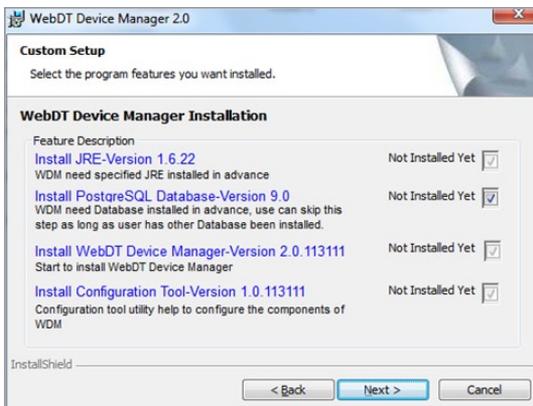
4. WebDT Device Manger Configuration Tool Settings

Right after installation, the **Configuration tool** appears on screen. Enter the **Web Server Port** as **80** as the recommended default port. (If port 80 is already occupied, you may enter other port numbers; for example: 8080) Click **Save**, then **Exit** the settings (see "**Configuration Tool**" chapter in the User Manual for more details).

5. Login to your WDM server

Launch your web browser in any PC or laptop with network connection to your WDM Server. Enter the IP address with port number to open the login page.

Example: http:// 192.168.254.145 : 8080

Server IP address   Port number (default is 80)

* After logging in to the WDM, you may modify the user ID/password for the **Administrator** account.

The default account information: **Account: admin, Password: 123456**

6. Register the Cloud Computing Appliance

After installing the WDM Server and launching the configuration tool settings, you can register your Cloud Computing Appliance by the **WebDT Client Agent**. Please make sure the Cloud Computing Appliances are Internet/network enabled via Ethernet or wireless connection.

When you turn on the Cloud Computing Appliances for the first time, the **Client Agent** automatically connects to the Server by default if they are in the same LAN. You can also manually register them:

For Windows Operating System:

I.   On Windows taskbar, click the **Connect** icon to launch the registration window

II. Uncheck **Use Autodetect to Connect to Server** and enter the **Device Server URL**
III. Click the **Register** button to launch the registration window
IV. Input the required device information to complete the registration

For Linux Operating System:

I.   On Linux taskbar, click the **Connect** icon to launch the registration window

II. Uncheck **autodetect**, and enter the **Server URL** and **Server Port**
III. Click **register** to complete the registration

For more support, please contact your local reseller.
Or visit DT Research website: http://www.dtresearch.com
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