# CDP Service V2.0

## Install Guide

### Document Details

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Release Version: 04.40.00.00
Version Release Date: March 2013

### Overview

This guide provides the steps necessary to install and configure CDP Service Version 2.0

**Download the latest version of this document here:**
https://links.crunchtime.com/CDP2Installation

… or scan the QR code to the left.

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# Install CDP Service V2.0

## Introduction

The Crunchtime Data Pump (CDP) Service is a utility used to exchange data between the Crunchtime applications and other external devices and programs. It is designed to run in the background, as a service on the PC, since a service will restart automatically if the PC needs to be restarted. This utility is used to import sales mix, menu mix and other data from external programs to populate the database automatically. It is also used to export data, such as employee information and labor schedules.

The CDP Service sends traffic via HTTPS over Port 443 using Transport Layer Security (TLS) protocols; this traffic is validated by Net-Chef, which also operates on TLS protocols.

## Before You Install: What You Need to Know

- The Crunchtime Release Version must be 4.40.00.00 or higher.
- The PC operating system must be Microsoft Windows 7 (*32 or 64 bit*) or higher, or Windows Server 2008 R2 (*32 or 64 bit*) or higher, with Microsoft .NET Framework 4.5 or higher installed.
- To download the CDP Service installer executable, click here: cdpServiceV2.zip.
- The CDP Service installer must be run by an Administrator.
- If an Application User has not been defined with a User ID and Password specifically for use by the CDP, then one must be created in Enterprise Manager.
  - For Crunchtime Release Versions below 5.10.00, passwords must be all lower case.
  - For Crunchtime Release Versions 5.10.00 and above, if "Use Complex Passwords" is enabled in Enterprise Manager then passwords may be case-sensitive. If so, this password must respect that setting; otherwise it must be all lowercase. (See the Help for Password and User Security in Enterprise Manager for more about complex passwords.)

    *Recommendation: In Enterprise Manager, create a generic CDP USER application user specifically for the purpose of being associated with files processed via the CDP. For security purposes, assign this user to a User Group with only the following access permissions enabled:*

    - **Application Users > Link to all Locations** – Required to process some location-specific imports.
    - **Application Users > Link to all Markets** – Required if importing Vendor Bid files.
    - **Import Employee Maintenance Files > Import** – Required if importing Employee Information.
    - **Package Types > Add/Delete/Save** – Required if file includes a Pack Type that currently doesn't exist.

    *This user will be valid for CDP processing but will not be able to log in to the applications.*

## Monitoring: What You Need to Know

- To ensure that the CDP Service is able to take advantage of automatic version updates, exclude the installation directory from antivirus monitoring.
- If you are monitoring the CDP, the Service Name "Crunchtime CDP Service" is still the same, so no changes are required for your monitoring service.

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# Install CDP Service V2.0

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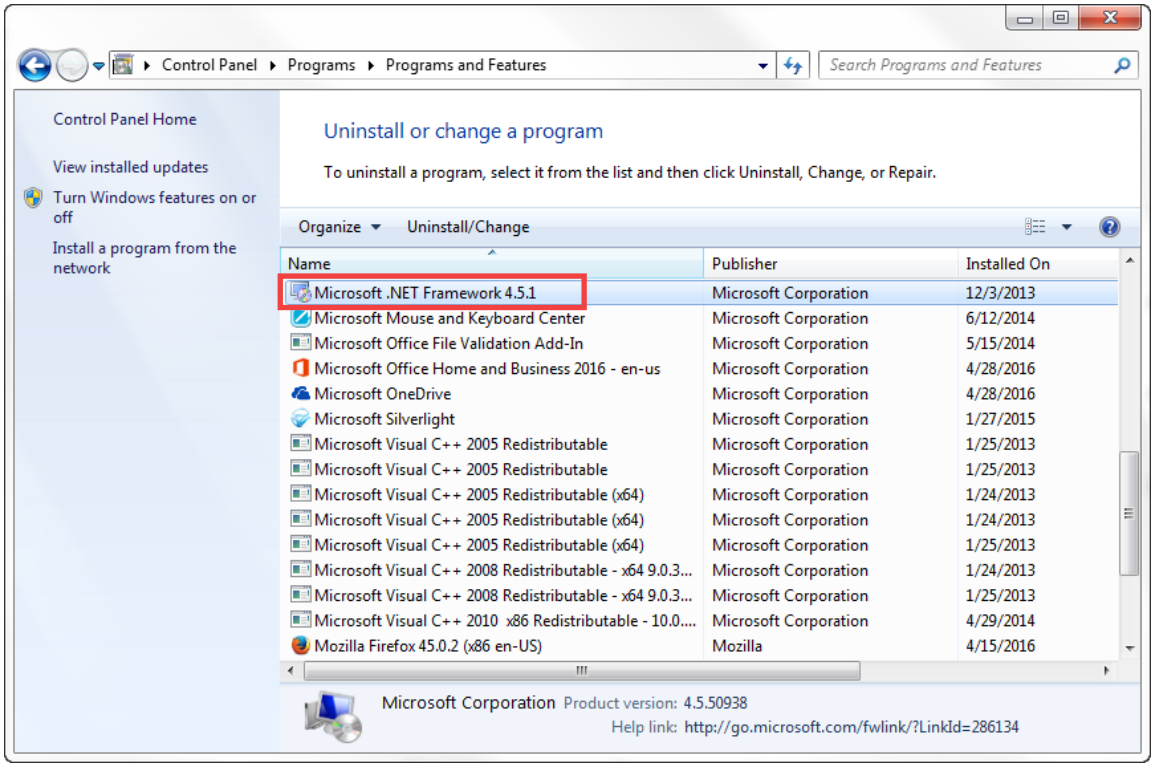
## Verify the Microsoft .NET Framework Version

Before installing the CDP Service, you can follow the steps below to verify that you have a compatible version of the Microsoft .NET Framework.

1. Click *Start* > *Control Panel* > *Programs* > *Programs and Features*.




2. Verify that the version of the Microsoft .NET Framework is 4.5 or higher.
3. If it is not, you can download the latest version from www.microsoft.com/net.

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# Install CDP Service V2.0

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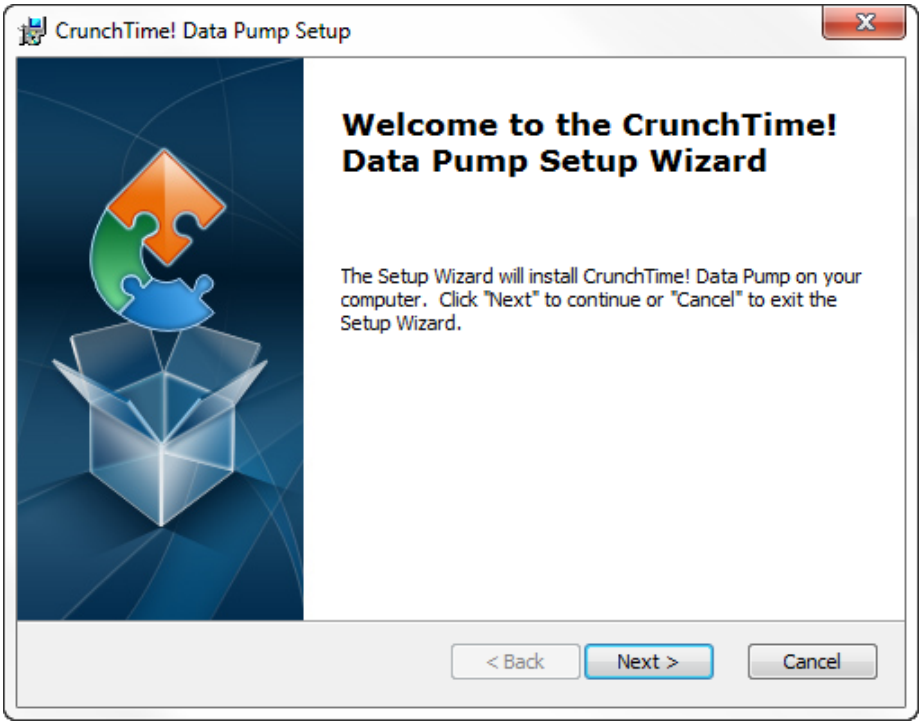
## Install the CDP Service

The installation wizard needs to be run on each PC that will be using the service.

1. To begin, right-click the **cdpServiceV2.exe** file and select *Run as Administrator*.
2. A Windows Alert message will appear asking if you want to allow the following program to make changes to this computer.
3. Click *Yes* to continue. The Welcome screen will appear.




4. Click *Next* to continue.

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# Install CDP Service V2.0

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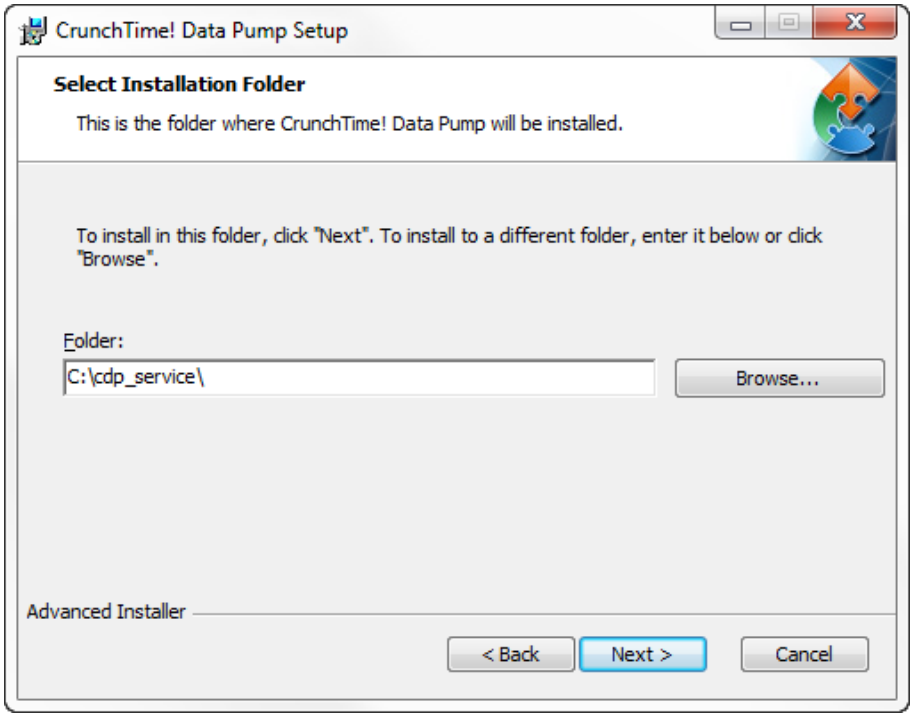
## Install the CDP Service (Continued)

5. The Select Installation Folder screen is displayed next. The Folder entry indicates where the CDP will be installed. If the file path needs to be changed, click Browse and select the correct path. If you change this, please note that the CDP Service must have its own directory on a local drive.

   *Note: This entry defaults to* **C:\cdp_service**.




6. Click *Next* to continue.

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# Install CDP Service V2.0

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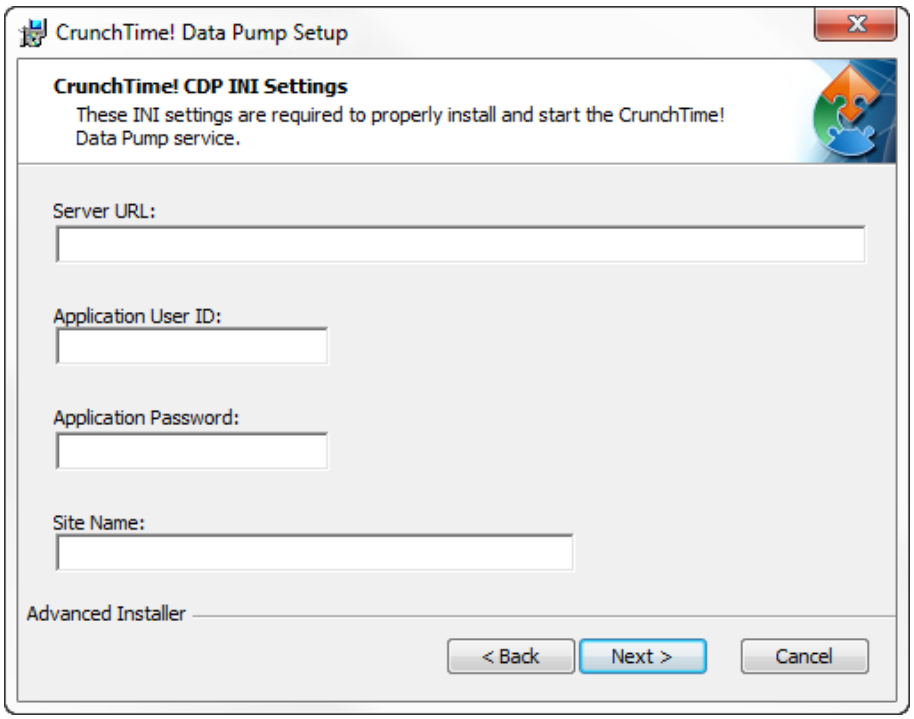
## Install the CDP Service (Continued)

7. In the Crunchtime CDP INI Settings screen, enter the following parameters:




- **Server URL:** Enter webservices.net-chef.com. Be sure to include only the actual website or IP address for the URL; do NOT include the "https://" portion.
- **Application User ID** and **Application Password:** Enter the User ID and password for an active Application User defined in Enterprise Manager. This User ID will be associated with certain imported records, such as Vendors, Company Products, Recipes, Recipe Location Data, Employee Information, and Labor Actuals. (*Example: "cdpuser" for both*.)

  *Note: If "Use Complex Passwords" is enabled in Enterprise Manager then passwords may be case-sensitive. If so, the password must respect this setting otherwise it must be all lowercase.*
- **Site Name:** Enter the web site name of your Net-Chef web site (*this is the portion of the URL before ".net-chef.com"*). This entry, along with the URL, validates the correct site that data should be uploaded to/downloaded from. (*Example: Crunchtimecafe*)

8. Click *Next* to continue.

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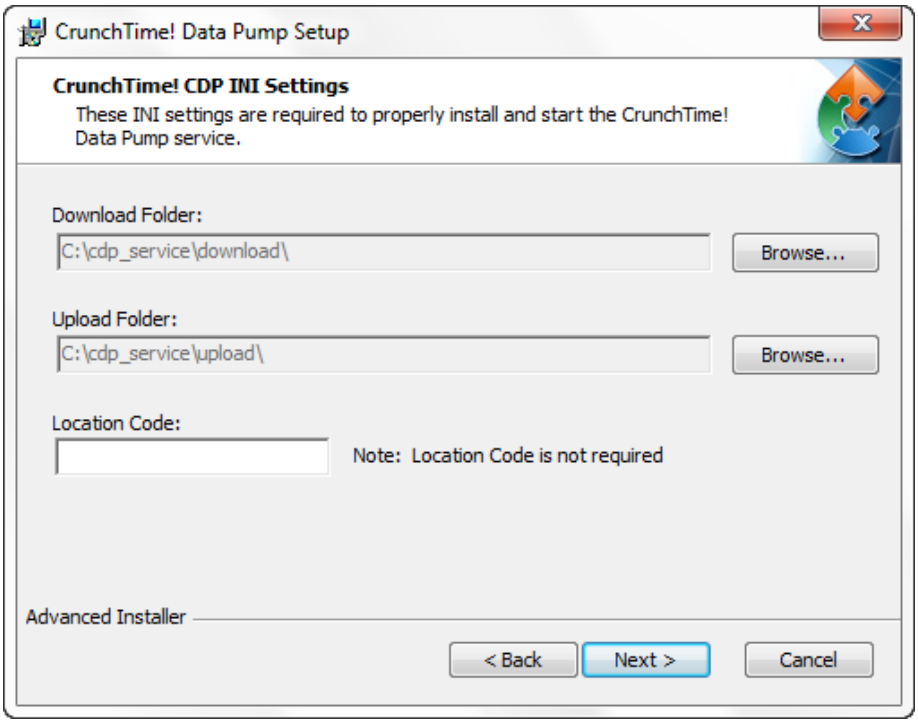
## Install the CDP Service (Continued)

9. In the next Crunchtime CDP INI Settings screen, enter the following parameters. If either file path needs to be changed, click *Browse* and select the correct path.




- **Download Folder:** This defaults to "C:\cdp_service\download". If necessary, change this file path to refer to a different folder. This is where the CDP places exported labor schedules and employee information files.
- **Upload Folder:** This defaults to "C:\cdp_service\upload". If necessary, change this file path to refer to a different folder. This is where the CDP looks for files to import.
- **Location Code:** In most circumstances, this should be left blank. The Company Code may be required here if employee information and labor schedules are being exported to POS via the CDP.

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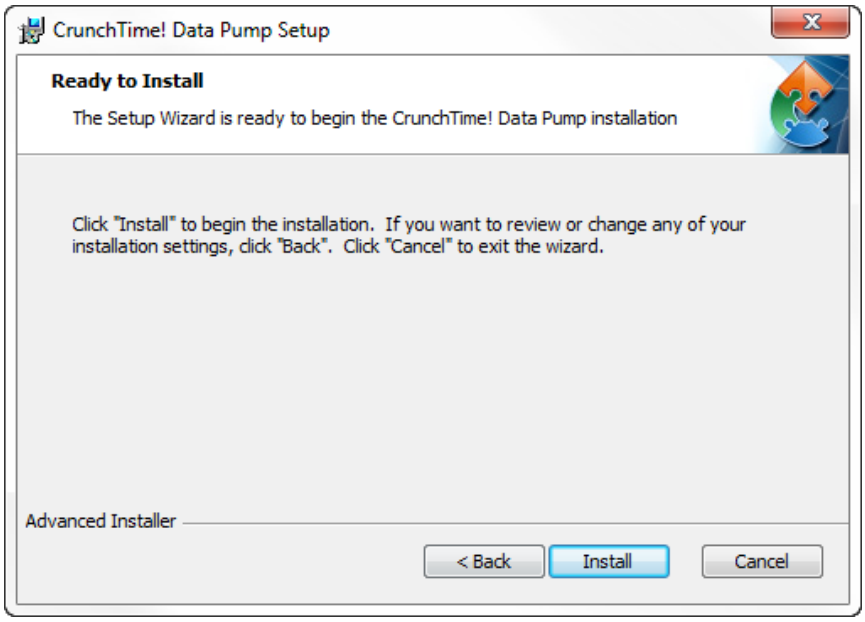
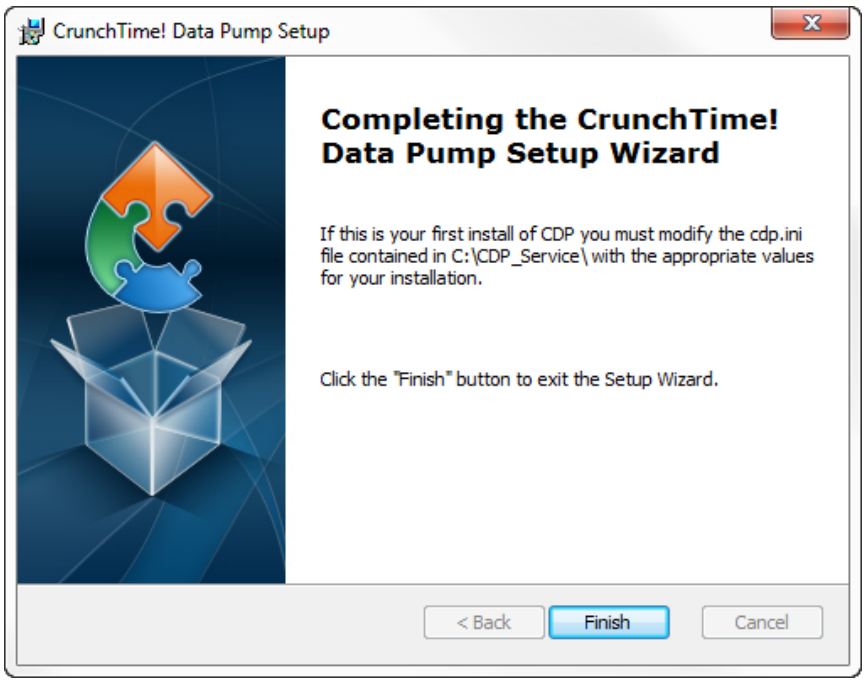
## Install the CDP Service (Continued)

10. When the Ready to Install screen appears, click Install to start the installation.




11. When the installation is complete, the following screen will appear.




12. Click Finish to exit the installation wizard.

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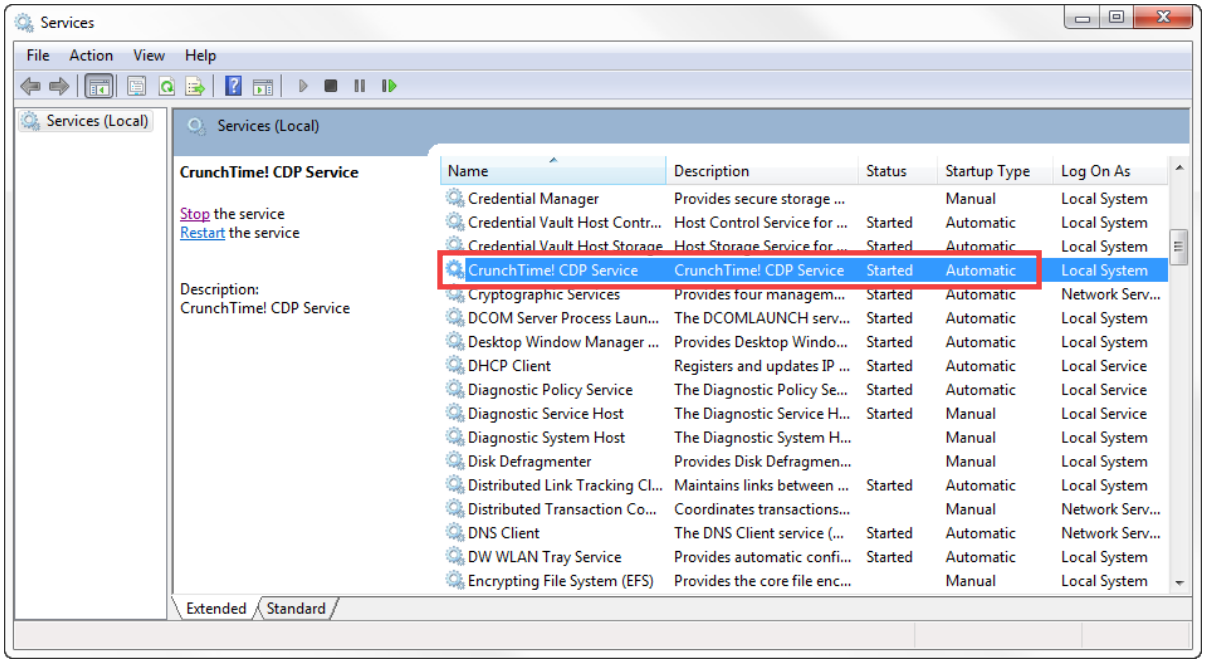
## Verify the CDP Service is running

When the CDP Service was installed, it started automatically. To verify the service is running, complete the following steps.

1. Click *Start*. *(If your PC is running Windows 10, skip to the next step.)*
2. In the search field, type “services” and press the *Enter* key. The Services window will open.




3. Check the list of services for Crunchtime CDP Service.
4. Confirm that the Status is “Started”; this means the service is running.
5. Confirm that the Startup Type is “Automatic”; this indicates that if the PC has to be restarted, the CDP Service will restart automatically.
6. Close the Services window.

**Setup Complete:** You have now confirmed that the CDP Service has been installed successfully and is running on the PC.

If the *cdp.ini* file needs to be modified, proceed to the remaining pages and follow those steps.

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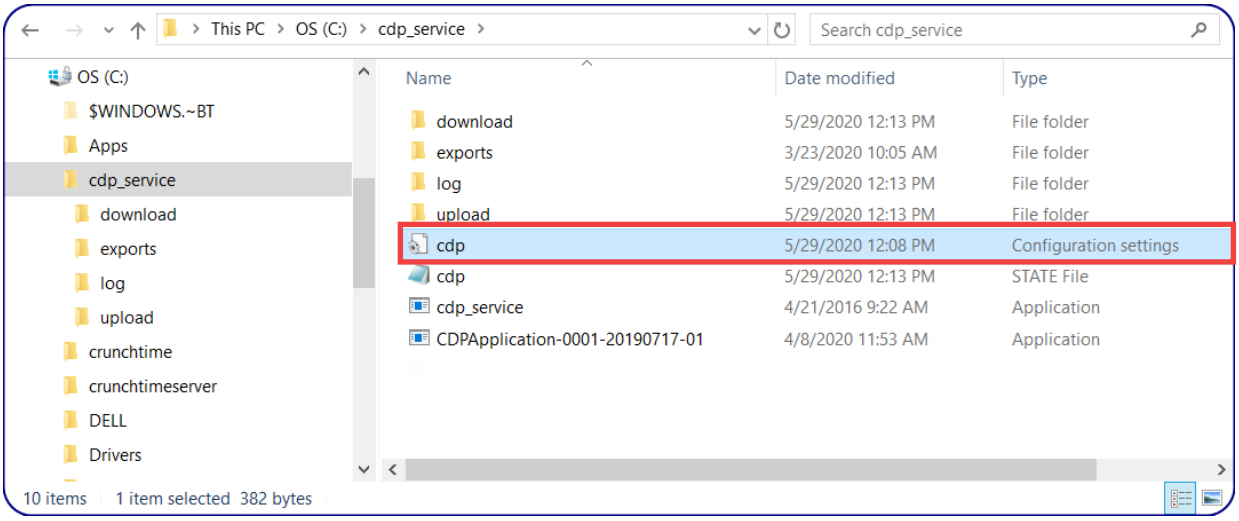
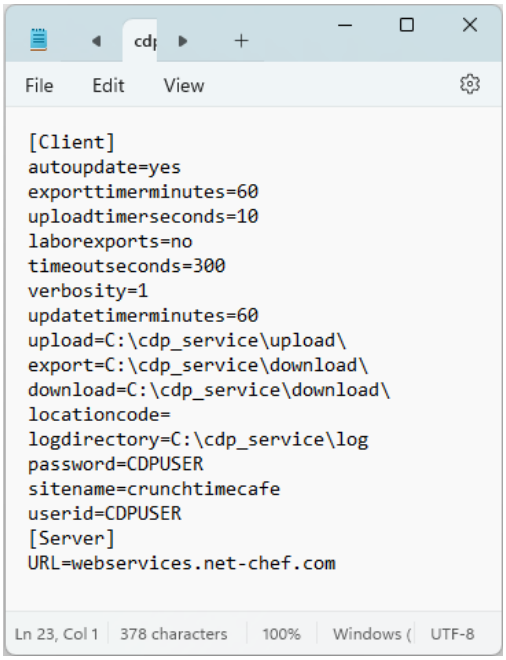
# Install CDP Service V2.0

## Modify the CDP.ini File

1. Locate the **cdp.ini** file in the destination directory. (The default file path is *C:\cdp_service*. If you are not displaying file extensions, look in the Type column for the "Configuration Settings" file.)




2. Double-click the file to open it.

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# Install CDP Service V2.0

## Modify the CDP.ini File (Continued)

3. Update any parameters in the file as needed; these parameters are not case-sensitive.

   *(The URL, UserID, Password, and SiteName fields are described on Page 6; the Download, Upload and* LocationCode fields are described on Page 7.)

   - **autoupdate=** This defaults to 'Yes' to indicate that the service should check for and download automatic updates on its own, as frequently as indicated by the "updatetimer" minutes parameter. If set to 'No', the service will still check for updates but will warn the user if it detects a mismatch between the CDP version and the database version.
   - **exporttimerminutes=** This defaults to '60'. Enter the number of minutes that the application should wait to check the database for Employee and Labor Schedule records that meet the export criteria (based on export mapping and preferences set in Enterprise Manager).
   - **uploadtimerseconds=** This defaults to '10'. Enter the number of seconds (minimum of 10) that the application should wait to check the upload directory for incoming files.
   - **laborexports=** This defaults to 'No' to indicate that employee information and labor schedules are being exported to POS by Net-Chef users and not by the CDP. Set to 'Yes' to have the CDP do this. If so, the "locationcode" parameter must be populated.
     - In Enterprise Manager, the Labor Preference to *Export Employee Information and Labor Schedules to POS system via CDP* must also be enabled.
   - **timeoutseconds=** This defaults to '300' (5 minutes). Enter the number of seconds that the service should continue to try importing files before timing out.
   - **verbosity=** This defaults to '1', to log general information to the cdp_connection.log, cdp_info.log, and cdp_error.log files, for the purpose of troubleshooting. If necessary, set this from '2' to '10' to log more detailed information to these files.
     - For security reasons, Crunchtime recommends keeping this at the default setting of '1'. At any other setting, the "UserID" and "Password" listed in the *cdp.ini* file will be visible in the logs.
   - **updatetimerminutes=** This defaults to '60'. Enter the number of minutes that the service should wait to check for and download automatic updates.
   - **export=** This defaults to 'C:\cdp_service\download'. If necessary, change this file path to refer to a different folder. This is where the CDP places files from scheduled exports.
   - **logdirectory=** This defaults to 'C:\cdp_service\log'. If necessary, change this file path to refer to a different folder. This is where the CDP places log files.

   *For Cruise Ships (or other self-hosted locations) only – set/add the parameters noted below.*
   - **autoupdate=no** – (see description above)
   - **cesversion=XX.xx.xx.xx** (where XX.xx.xx.xx is the Release Version #) – Not included by default; add this parameter after install. When present, the CDP Service will not attempt to auto-update; it will operate to be compatible with the Crunchtime database version entered here.
   - **disableSSL=yes** – Not included by default; add this parameter after install. When present, the CDP Service will not attempt to use https.

4. When finished, save and close the file.

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# Install CDP Service V2.0

## Encoding the CDP Password in the CDP.ini File

If you want to encode the password within the CDP.ini file using Base64 encoding, follow the steps below:

1. Open Notepad to create a text file.
2. Enter or Paste the unencrypted password into the file.
3. Save the file to the CDP directory (C:\CDP_Service) with the name *CDP_PW.txt*.
4. Open a command window.
5. Type **CD \CDP_Service**.
6. Type **certutil -encode CDP_PW.txt encoded.txt**
7. Open the encoded.txt file. The encoded password will be located on line 2.
8. Copy & Paste that password into the *CDP.ini* file, replacing the existing password entry.

   Example: password=ENC(*string copied from encoded.txt*)
9. Delete the *CDP_PW.txt* file.