

CA4K™ “Web Interface”

Installation Guide

(Windows 10, Server 2012 R2 and
Server 2019)

Revision: Rev D

Date: 7/1/2020



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Must Read before you begin installation

- Prior to installing IIS and the CA4K™ Web Interface, you must make certain you have Full Administrator privileges without any restrictions. This includes lowering the UAC settings to “Never Notify” and verifying there are no domain restrictions.
- This document covers the complete settings for Windows 10 and Server 2012. Refer to Appendix A for the IIS settings if you are using Server 2019.

Overview

This document provides a step by step procedure for installing the CA4K™ Web Interface installation. Prior to starting the installation, you must verify the computer meets the recommended computer specifications and you have the CA4K™ DVD and a correct software license. Prior to Installing the CA4K™ Web Interface, you must install Windows Internet Information Service (IIS).

System Requirements

Ensure Recommended Server Requirements are met. Verify that the computer meets the specifications that are documented in the "CA4K™ System Requirements" document.

Verify Full Administrator Permissions

The installation of CA4K™ requires Full Administrator permissions. Failure to provide these permissions will result in installation failures.

Related Documents

CA4K™ Database Only Installation Guide - A step by step guide on installing a "Database Server" installation.

CA4K™ Hardware Communication Server (HCS) Installation Guide - A step by step guide on installing an HCS Installation.

CA4K™ Report Station Installation Guide - A step by step guide on installing a "Report Station" installation.

CA4K™ Server Only Installation Guide - A step by step guide on installing a "Server Only" installation.

CA4K™ Workstation Installation Guide - A step by step guide on installing a "Workstation" installation.

CA4K™ Data Migration Guide - A step by step guide on migrating a CardAccess 3000 database to a CA4K™ database.

CA4K™ Quick Start Programming Guide - A step by step guide on programming a basic CA4K™ system.

CA4K™ TCP/IP Ports Reference Guide – TCP/IP Ports document.

CA4K™ System Requirements – Computer Specifications.

Prerequisites

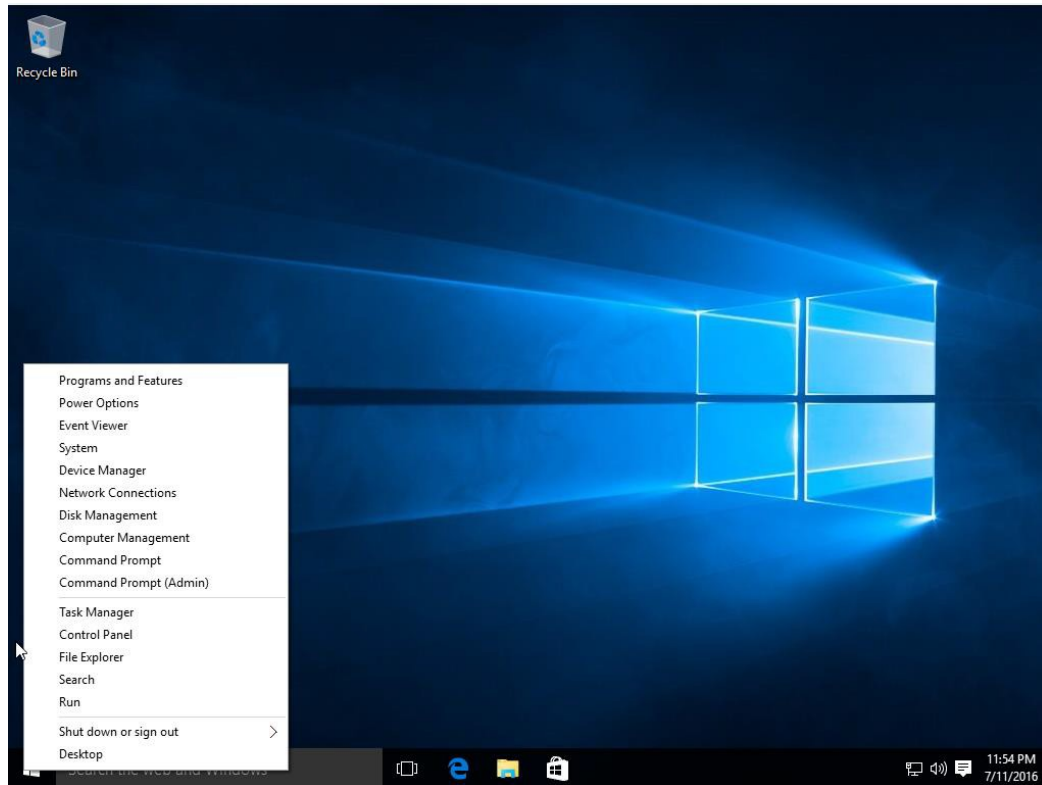
- A Functional CA4K™ Complete Server

Web Installation in Windows 10

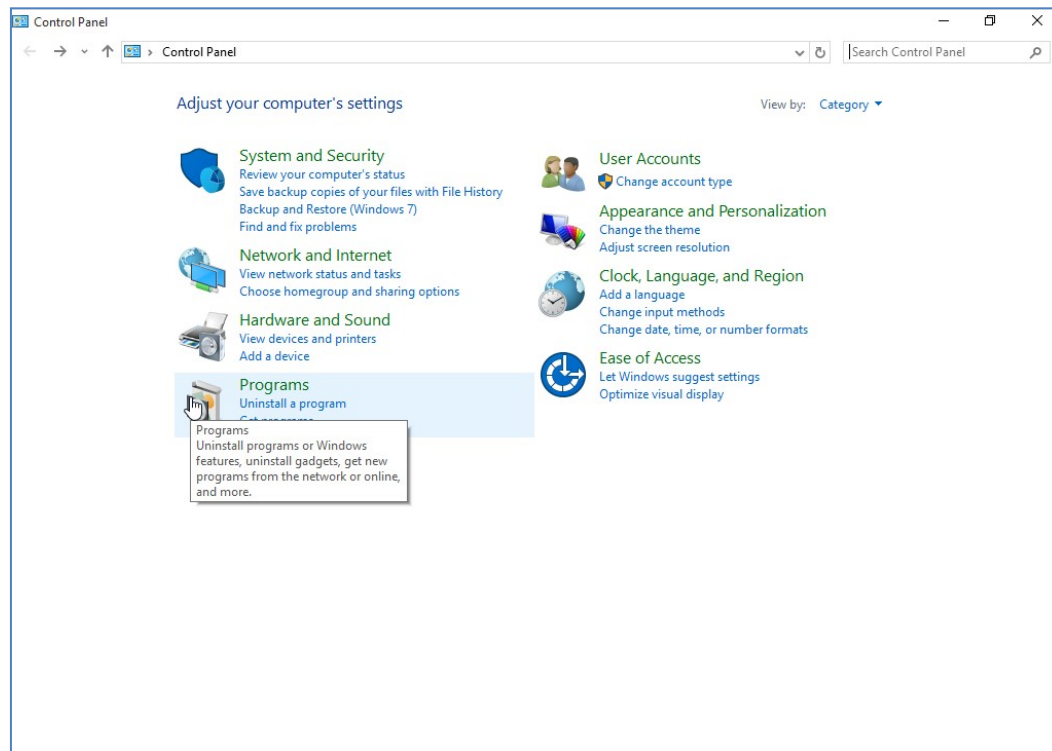
1. CA4K Web Install Pre-Requisite

- a) Install Internet Information Systems (IIS) Server
Steps

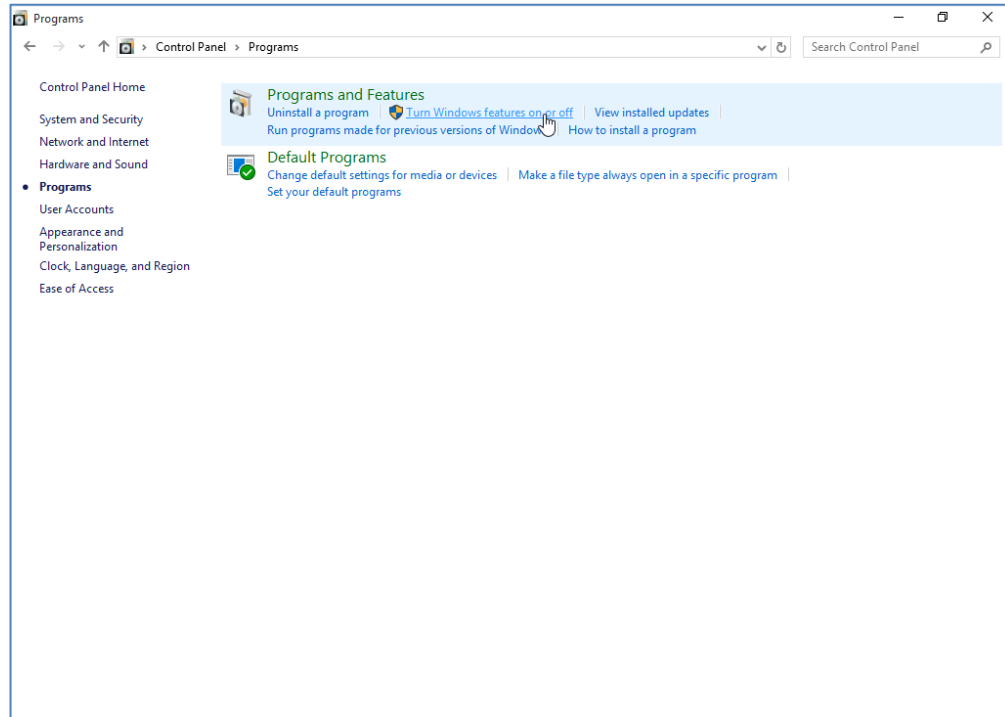
I. Open **Control Panel** from the Start Menu.



II. In the **Control Panel**, click **Programs**.



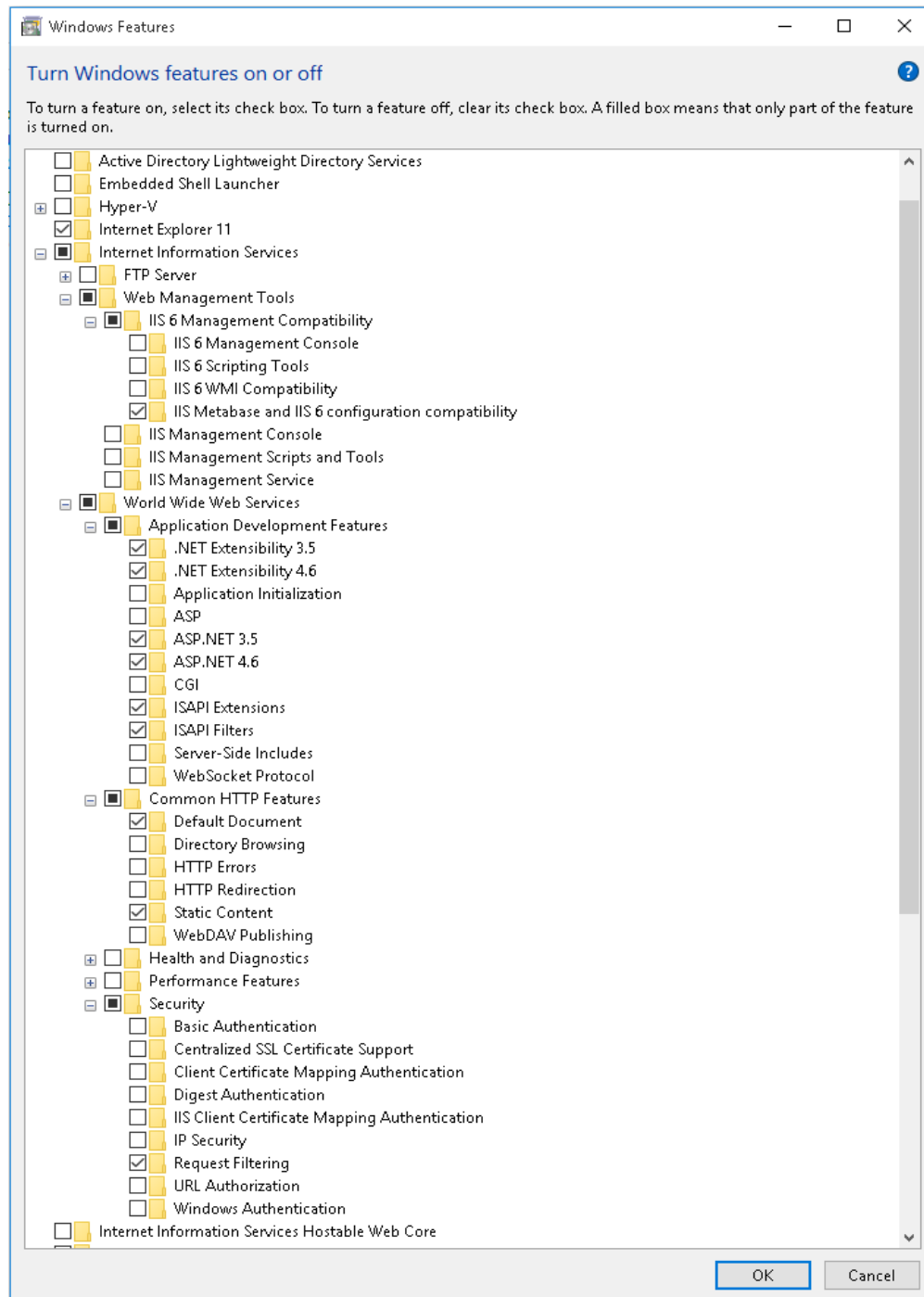
III. In the **Programs and Features** section, select **Turn Windows features on or off** link.



IV. Now, click on the features that are checked on the following screens and then click the **OK** button.

Note: If you wish to install IIS Manager Tool, select **IIS Management Console** under **Web Management Tools**

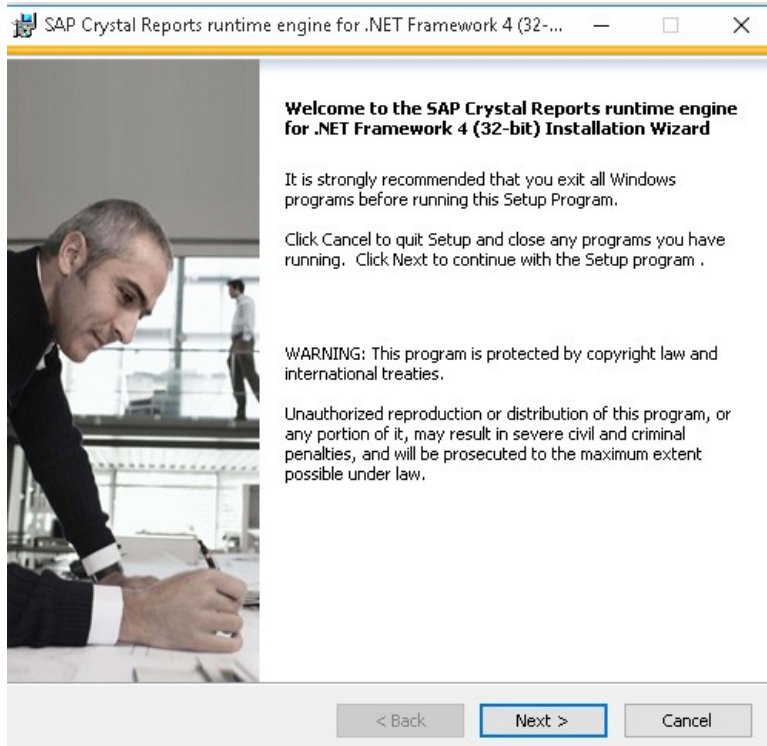
- The IIS selection screens will vary between operating systems. **The following IIS selection screen is for Windows 10 and Server 2012. Refer to Appendix A for the IIS settings if you are using Server 2019.**



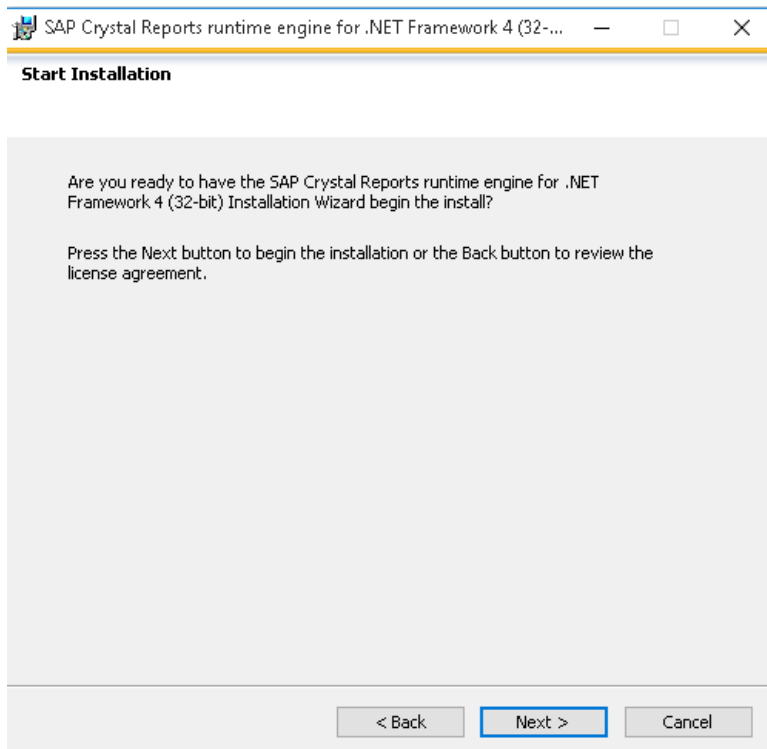
b) Install SAP Crystal Reports runtime engine

Steps

I. Click **CRRuntime_32bit_13_0_2** from installation Crystal Reports folder



II. Click **Next** and start installation of crystal report runtime.

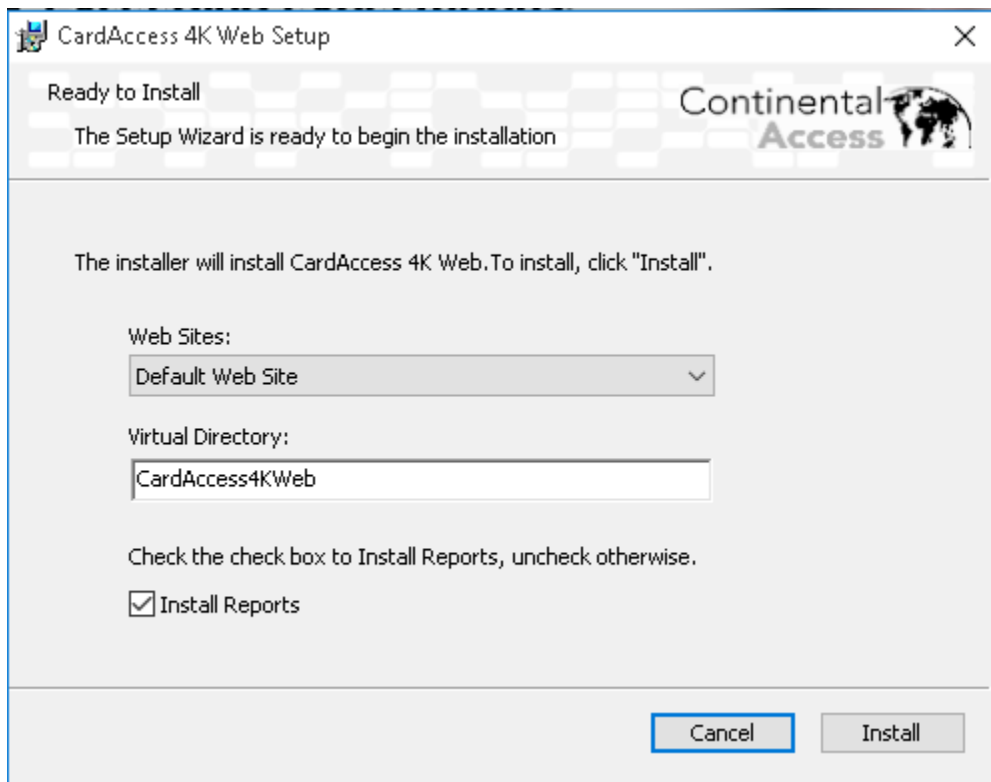


2. Install CA4KWeb

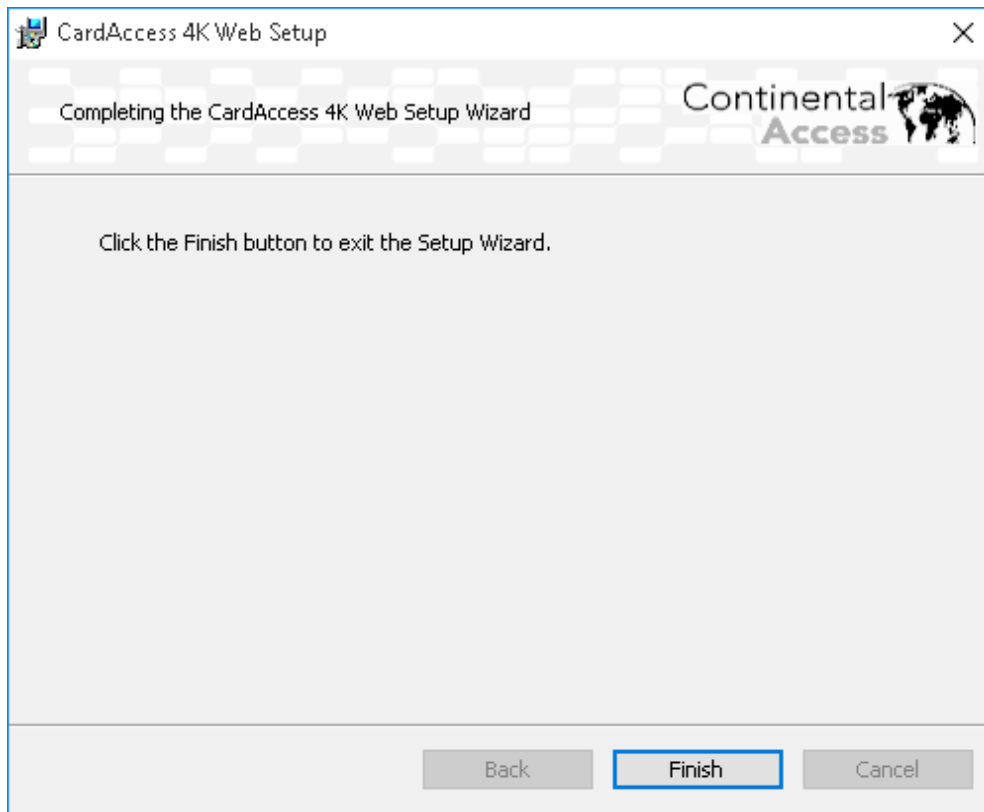
Steps

- I. Open **Launch.exe** (Run as administrator) from installer, and click **Install CardAccess 4K Web** option.
- II. At the **CardAccess 4K Web Setup** installation wizard screen, click **Install** button.

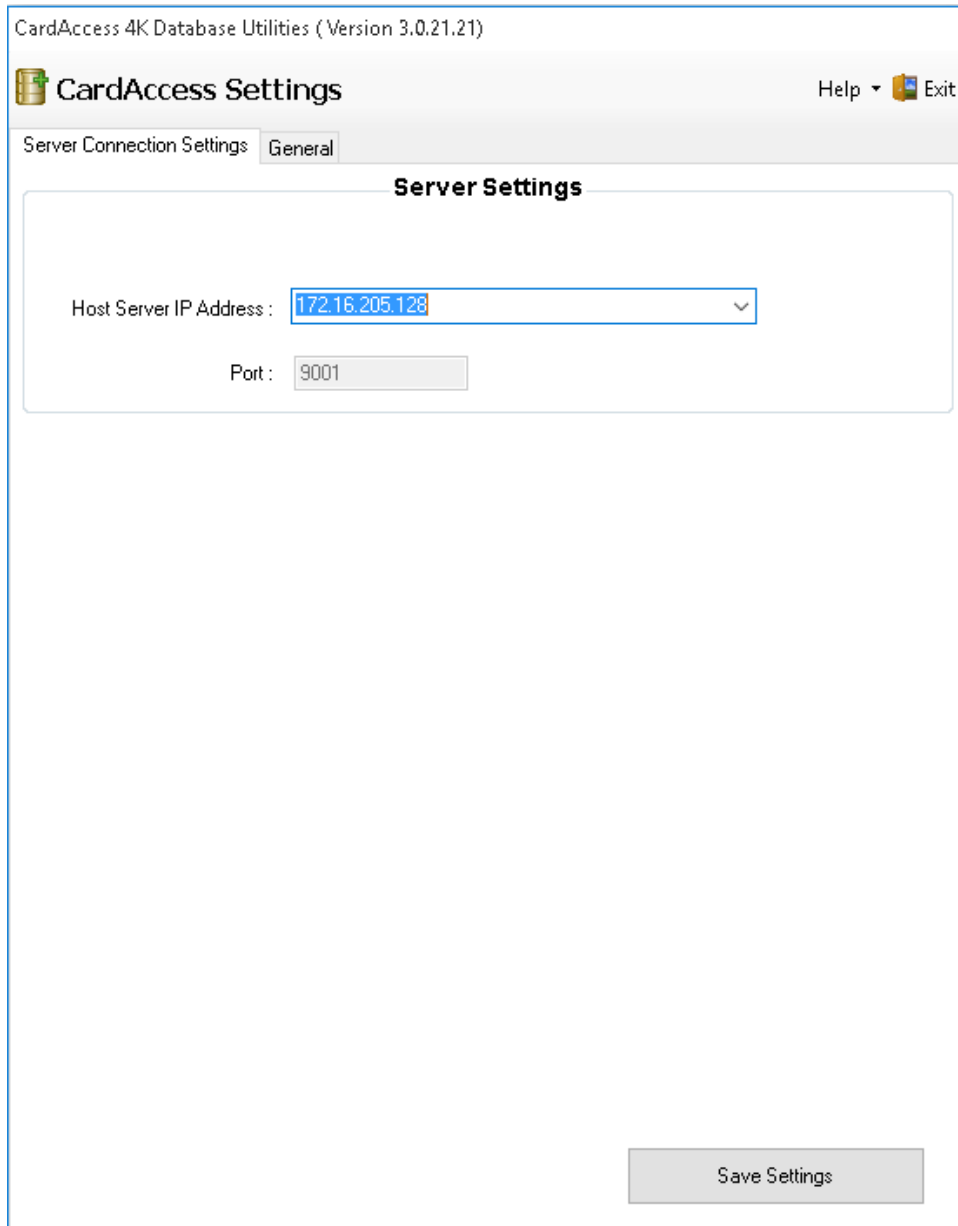
Note: If you want to install CA4KWeb reports, select **Install Reports** check box, otherwise leave unchecked.



III. After the installation completes, the Setup Wizard **Installation Complete** screen displays. Click **Finish** to finish the CA4KWeb Installation process.



- IV. After the CA4KWeb installation completes successfully, the **CardAccess 4K Database Utilities** window will appear automatically. Enter the IP Address of the Host/Server into the “**Host Server IP Address**” box then click **Save Settings** button.



- V. Then click **Exit** button to close **CardAccess 4K Database Utilities** window and command screen is appeared for restart IIS services.
- VI. Now, open the short cut of **Launch CardAccess 4K Web** link from desktop and you will get CA4KWeb login page.

CA4K Web Installation in Windows Server 2012R2

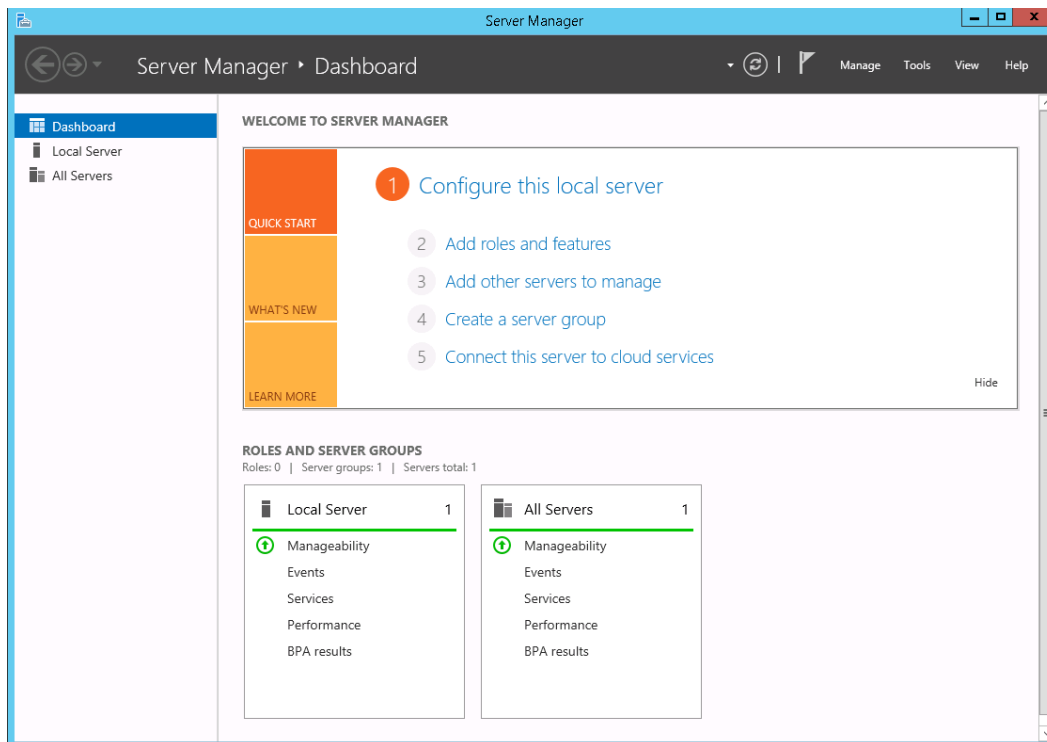
1. CA4K Web Install Pre-requisite

a) Install Internet Information Systems (IIS) Server

Steps

I. Open **Server Manager** from start page

II. In Server Manager, click on **Add roles and features** under the **Server Manager** menu.

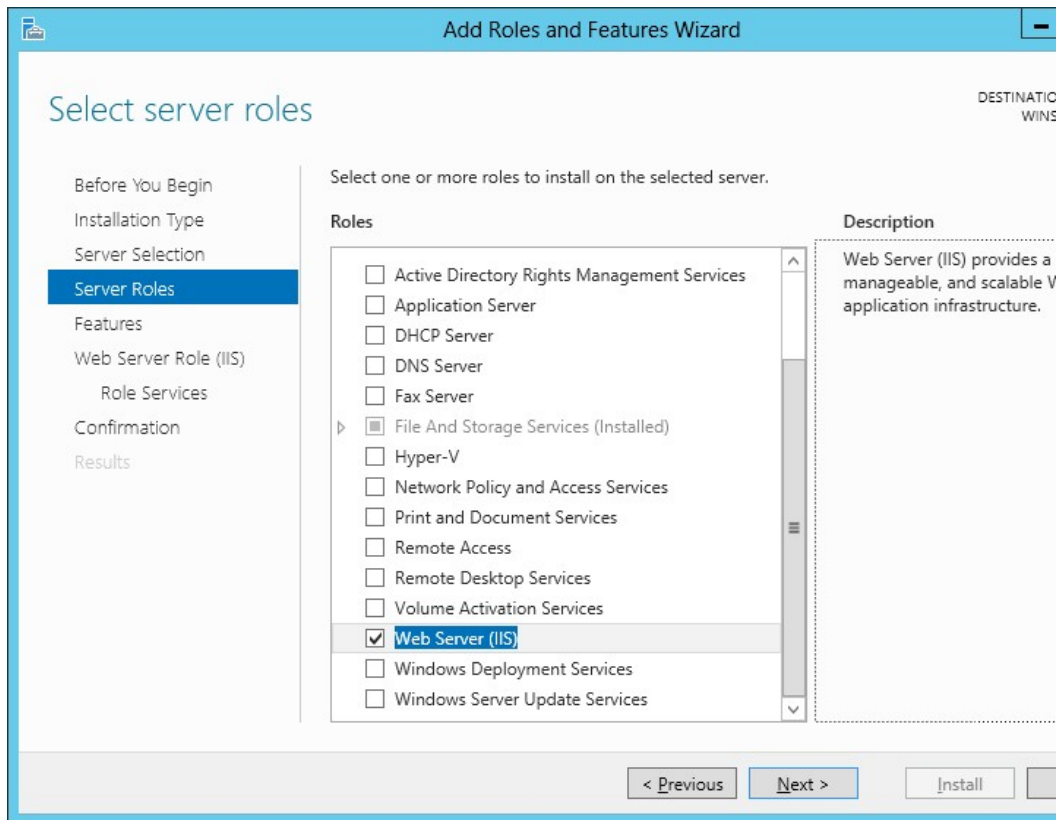


III. Under **Add Roles and Features Wizard**, on the **Before you begin** page, click **Next**.

IV. On the **Select installation type** page, select **Role-based or feature-based installation** radio button, and click **Next**

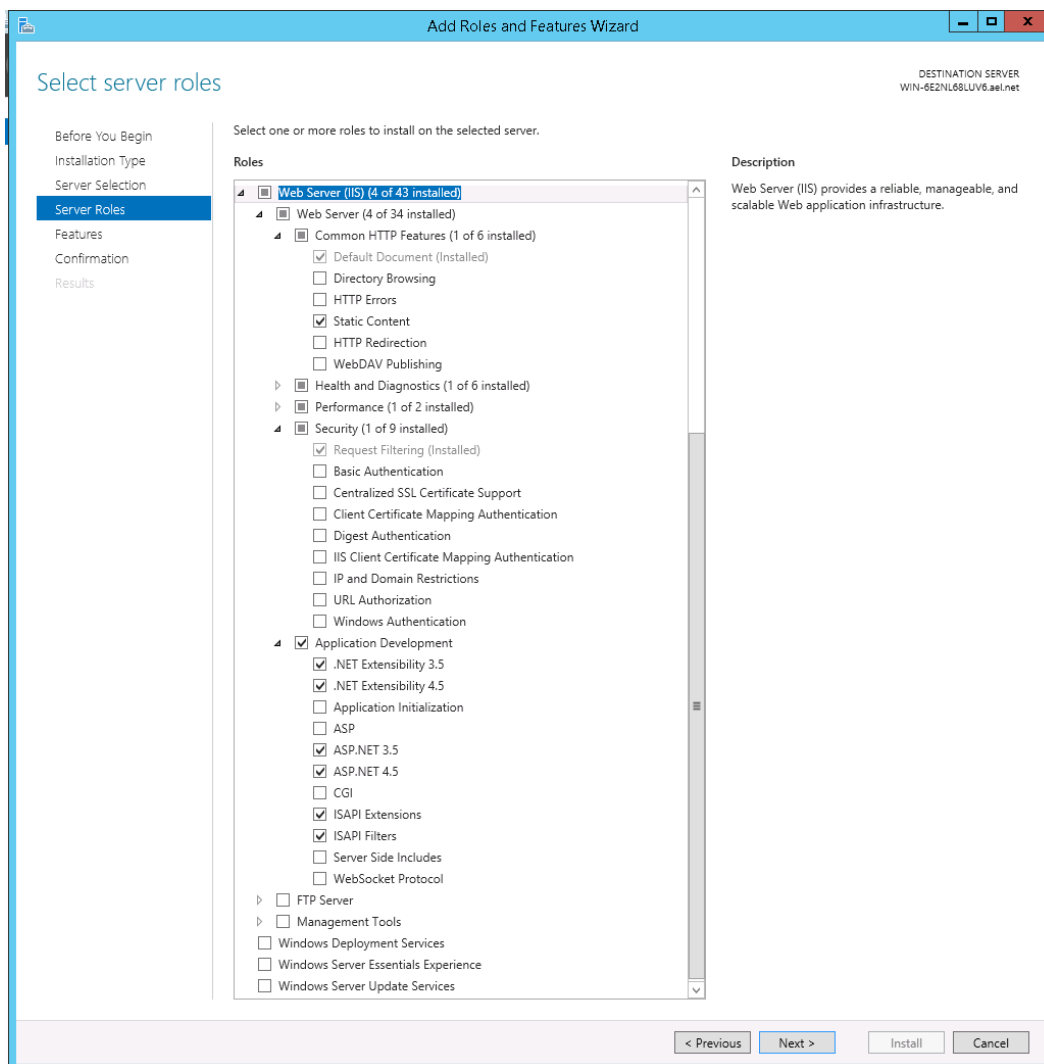
V. On the **Select destination server** page, **Select a server from the server pool** radio button, and click **Next**

VI. Select **Web Server (IIS)** and then click on the button **Next**

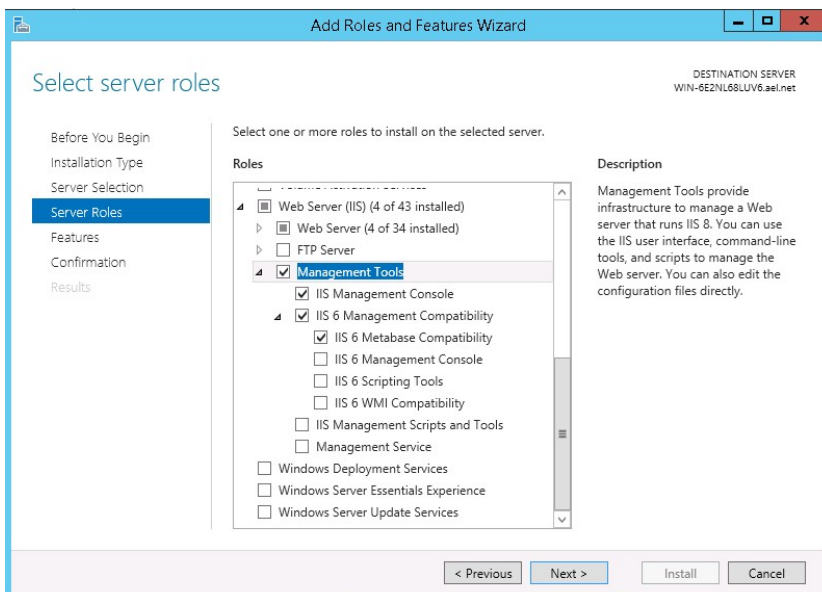


- VII. In the **Select features** page, no additional features are needed for IIS. Click **Next** to continue.
- III. The next window is the **Select Role Services**. This very important screen will allow you to add only the modules necessary for your planned installation of IIS. Now, click on the role services that are checked on the following screens.

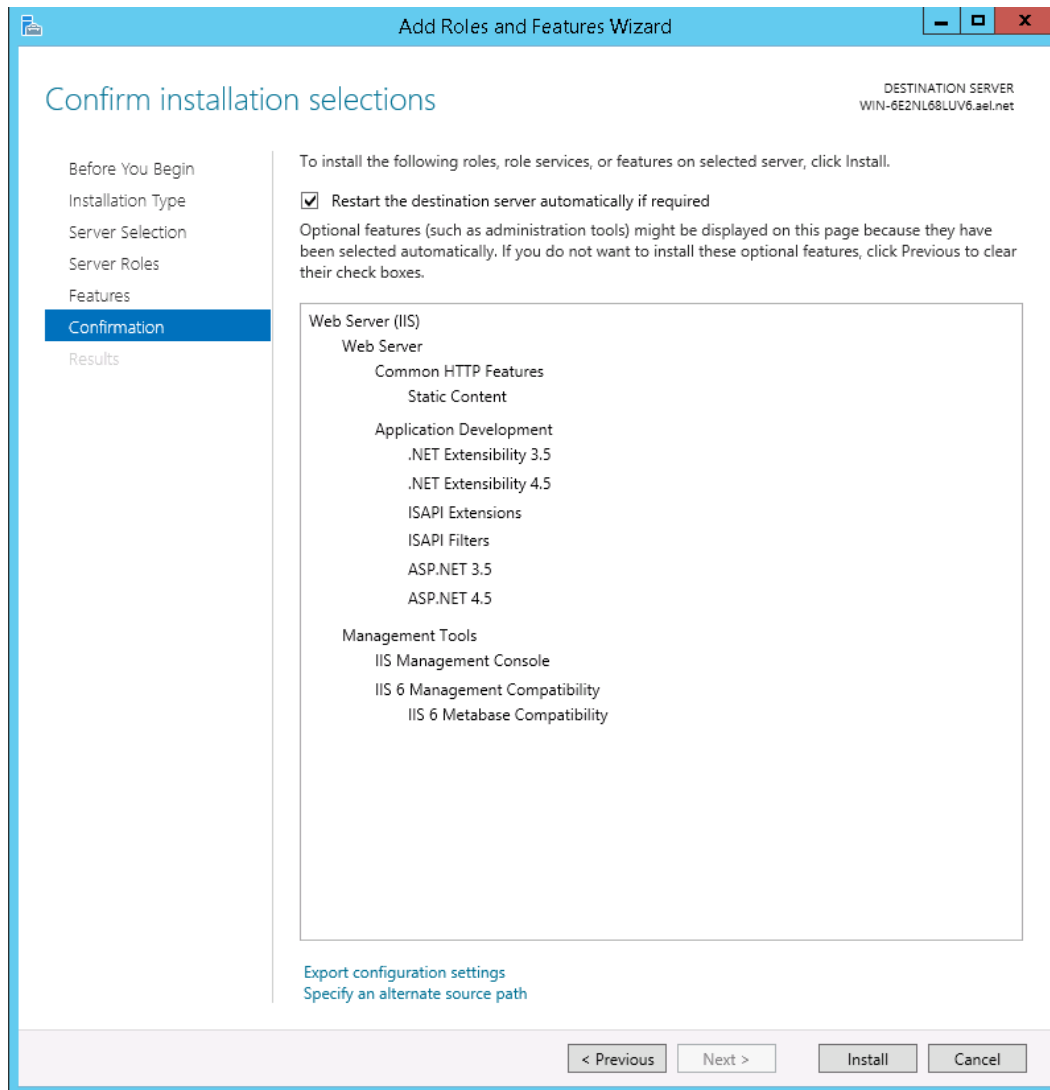
Note: Refer to Appendix A for the IIS settings if you are using Server 2019.



VIII. Under **Management Tools** section, the following items must be checked (IIS Management Console and IIS 6 Metabase Compatibility)



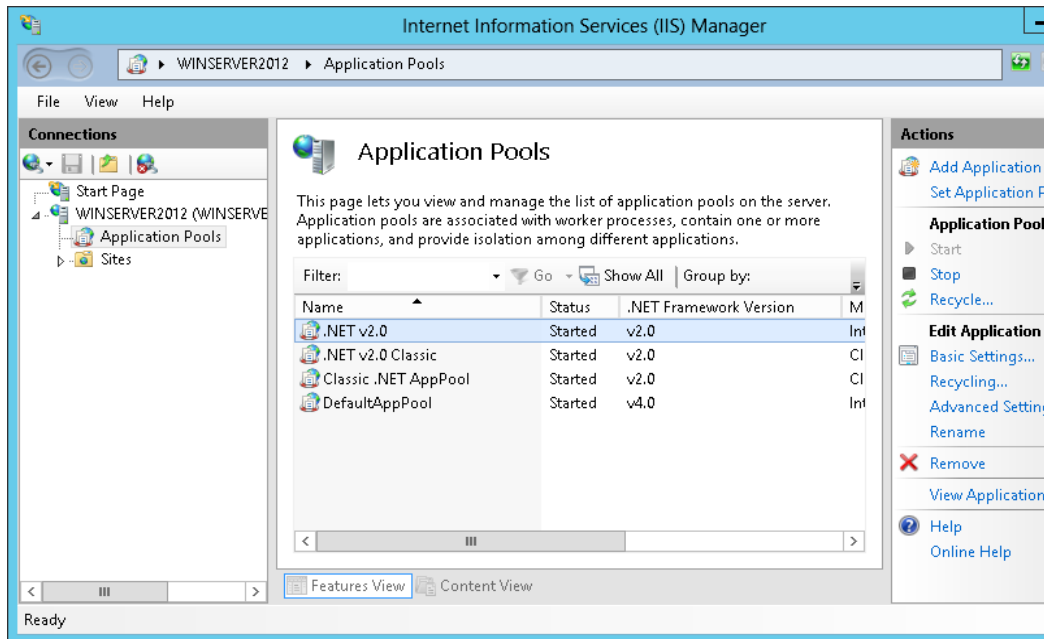
- IX.** Click **Next** to get to the **Confirm installation selections** screen to verify your chosen settings and then click **Install**



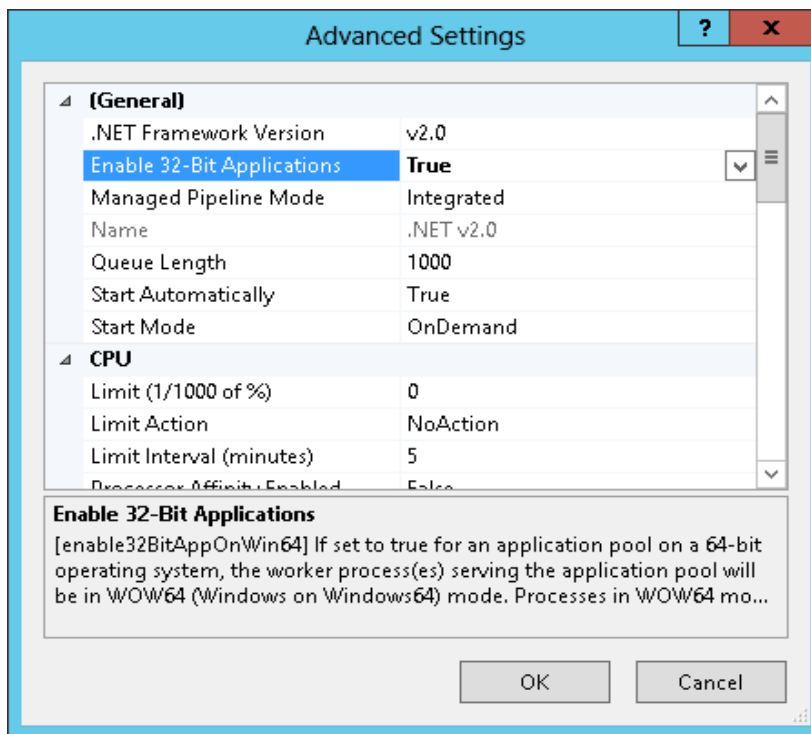
- X. After installation succeeded you should see the **Installation progress** page. Click **Close** to finish the IIS Installation process.
- XI. You can verify that IIS installed successfully, type the following into a web browser:
<http://localhost>

[Steps (XII – XV) are only for 64 Bit OS]

- XII. Open **Internet Information Services (IIS) Manager** again (top-right corner of Server Manager window)
- XIII. Go to Current Server -> Application Pools



- XIV. Select the application pool your 32-bit application will run under CA4KWeb and click **Advanced Settings** on **Actions** pane

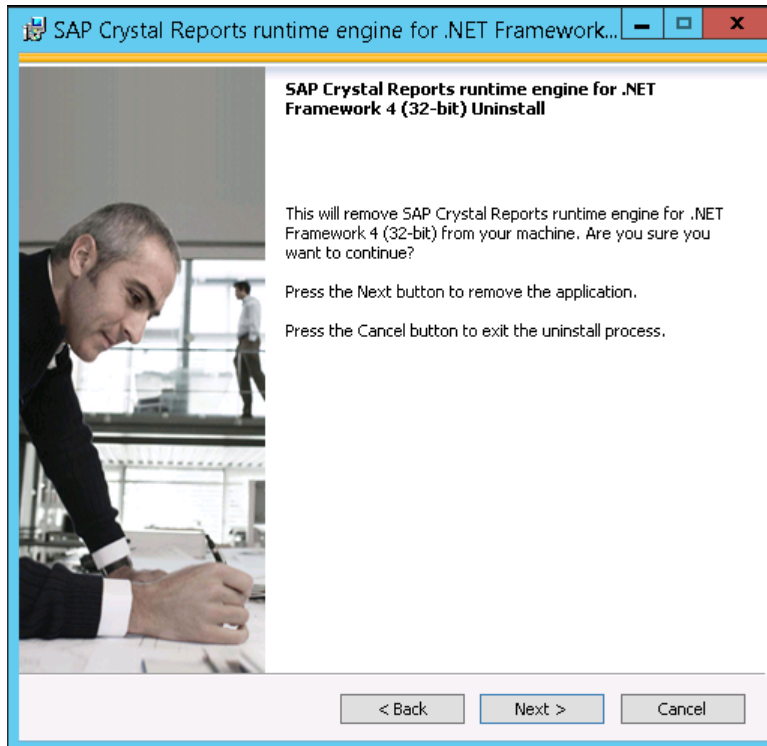


- XV. Set **Enable 32-Bit Applications** to True

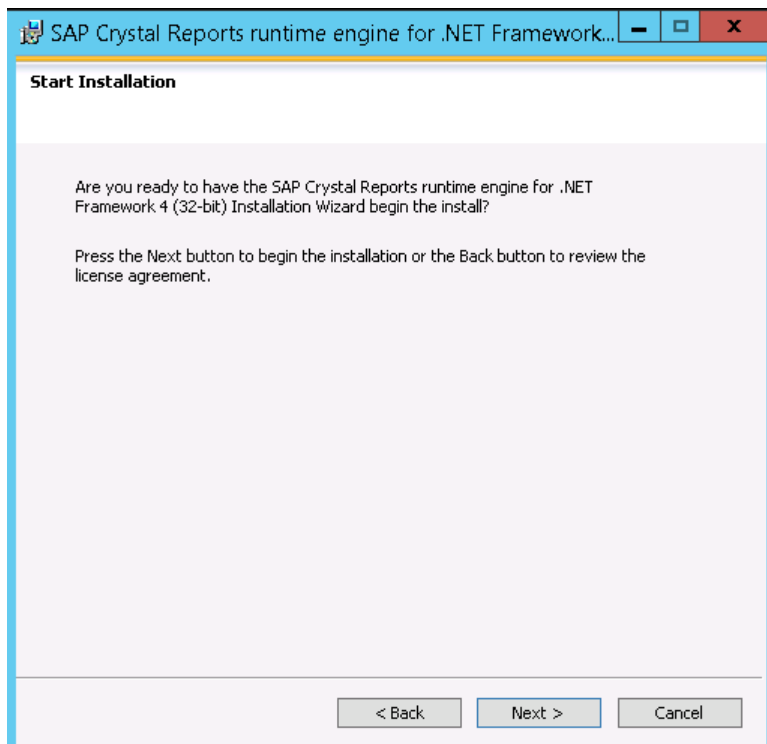
b) Install SAP Crystal Reports runtime engine

Steps

- I. Click **CRRuntime_32bit_13_0_2** from installation folder (CrystalReports Folder)



- II. Click **Next** and start installation crystal report runtime.

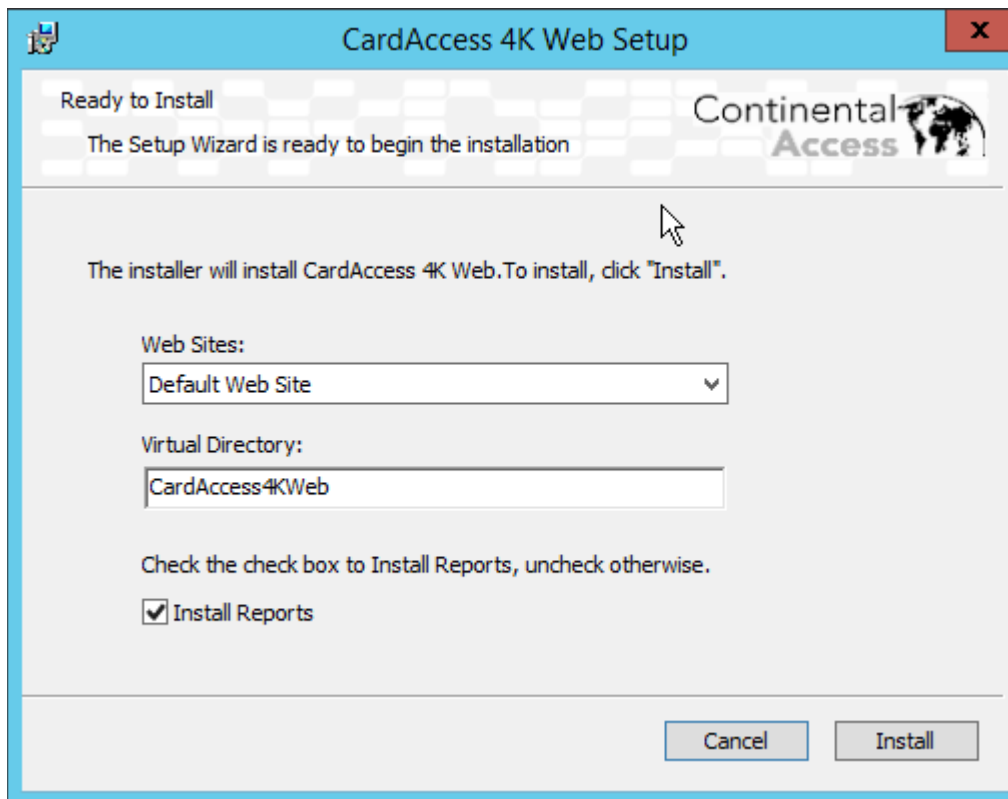


2. Install CA4KWeb

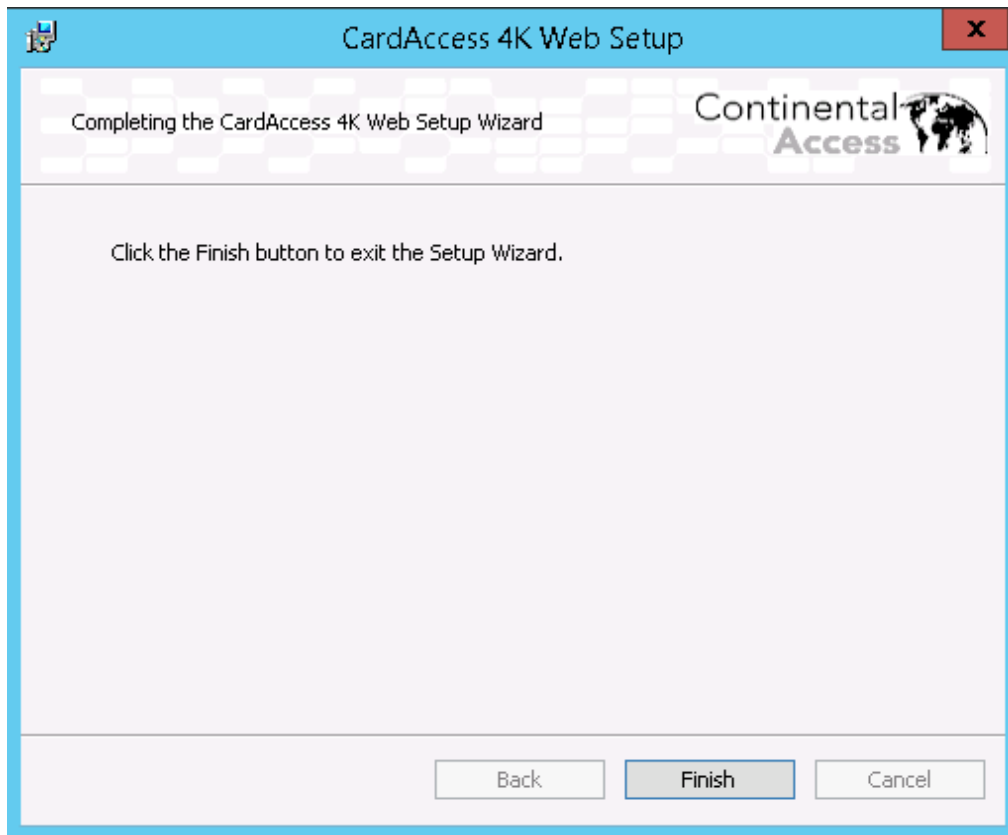
Steps

- I. Open **Launch.exe** (Run as administrator) from installer, and click **Install CardAccess 4K Web** option
- II. Now displaying **CardAccess 4K Web Setup** installation wizard and then click **Install** button.

NB: If you want to install CA4KWeb report, checked **Install Reports** check box otherwise unchecked.



III. After installation succeeded you should see the **Installation Complete** wizard. Click **Finish** to finish the CA4KWeb Installation process.



- IV. After CA4KWeb installation succeeded, **CardAccess 4K Database Utilities** window will appear automatically. Put IP Address in **Host Server IP Address** box then click **Save Settings** button.

CardAccess 4K Database Utilities (Version 3.0.21.21)

CardAccess Settings Help Exit

Server Connection Settings General

Server Settings

Host Server IP Address : 127.0.0.1

Port : 9001

Save Settings

- V. Click **Exit** button to close **CardAccess 4K Database Utilities** window and command screen is appeared for restart IIS services.
- VI. Now, open the short cut of **Launch CardAccess 4K Web** link from desktop and you will get CA4KWeb login page.

APPENDIX A

The following IIS selection screen is for Server 2019.

