

# Steps:

The screenshot shows a web browser window with multiple tabs. The active tab is titled 'Installing Hadoop 3.2.1 Single Node Cluster on Windows 10' and the URL is 'towardsdatascience.com/installing-hadoop-3-2-1-single-node-cluster-on-windows-10-ac258dd48aef'. The article content is visible, showing a list of prerequisites and the first step of downloading Hadoop binaries.

Other published articles in this series:

- [Installing Apache Pig 0.17.0 on Windows 10](#)
- [Installing Apache Hive 3.1.2 on Windows 10](#)

### 1. Prerequisites

First, we need to make sure that the following prerequisites are installed:

1. Java 8 runtime environment (JRE): [Hadoop 3 requires a Java 8 installation](#). I prefer using the [offline installer](#).
2. [Java 8 development Kit \(JDK\)](#)
3. To unzip downloaded Hadoop binaries, we should install [7zip](#).
4. I will create a folder "E:\hadoop-env" on my local machine to store downloaded files.

### 2. Download Hadoop binaries

The first step is to download Hadoop binaries from the [official website](#). The binary package size is about 342 MB.

The screenshot shows the Oracle Java Downloads page for Windows. The page includes a navigation bar with 'Products', 'Industries', 'Resources', 'Customers', 'Partners', 'Developers', and 'Company'. Below the navigation bar, there are links for 'Java downloads', 'Tools and resources', and 'Java archive'. The main content area displays information about Java SE 8, including a table of download links for x86 and x64 installers.

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Java SE 8u411 checksums and OL 8 GPG Keys for RPMs

Linux macOS Solaris Windows

Product/file description	File size	Download
x86 Installer	141.01 MB	<a href="#">jdk-8u411-windows-i586.exe</a>
x64 Installer	150.55 MB	<a href="#">jdk-8u411-windows-x64.exe</a>

Documentation Download

JRE 8

Server JRE 8









