**IBM WEBSPHERE APPLICATION SERVER v.8.5**

* **WebSphere Application Server** (**WAS**) is a software product that performs the role of a [web application server](https://en.wikipedia.org/wiki/Web_application_server). More specifically, it is a [software framework](https://en.wikipedia.org/wiki/Software_framework) and [middleware](https://en.wikipedia.org/wiki/Middleware) that hosts [Java](https://en.wikipedia.org/wiki/Java_(software_platform))-based [web applications](https://en.wikipedia.org/wiki/Web_application).

HARDWARE REQUIREMENTS

Installing all features and products requires approximately 2 GB of disk space. This estimate includes the following products, components, and features:

* Main application server product installation
* Profiles
* Sample applications
* IBM HTTP Server
* Web Server Plug-ins
* Application Client for WebSphere Application Server

SOFTWARE REQUIREMENTS

* Java SDK (recommended 8)
* IBM Installation manager
  + Downloading link : [IBM Support: Fix Central - Select fixes](https://www.ibm.com/support/fixcentral/swg/selectFixes?parent=ibm%7ERational&product=ibm/Rational/IBM+Installation+Manager&release=1.8.4.0&platform=Windows&function=all&useReleaseAsTarget=true)
  + Configuring : Extract the zip file ,open extracted file, go to installation Manager>eclipse and run IBMIM.exe. Then click install

Graphical user interface

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INSTALLING WEBSPHERE APPLICATION SERVER

* Open Installation manager , go to files>preferences>add repository.
* Add the repository link in the available space.
  + <https://www.ibm.com/software/repositorymanager/com.ibm.websphere.APPCLIENT.v85>

Graphical user interface, application

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* Then provide the IBMid and Password.

Graphical user interface

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* Then apply and ok.
* Click on Install button
* Check the required packages and click next

Graphical user interface, text, application

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* Accept license agreement and click next
* Browse installation directory and click next

**=Graphical user interface, text, application, email

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* Configure port. Default port is 2809

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* Click on install

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INSTALLING IBM HTTP SERVER

Prerequisites

* + Ensure that you have installed the IBM Installation Manager and that you have configured the product repository.
  + Ensure that you have the supplemental images in the repository.
  + Ensure that you have Administrator privileges.
  + Ensure that there is no service listening to port 80, 443 and 8008.
  + BM HTTP Server and web server plug-ins, Version 8.5.5, require the Microsoft Visual C++ 2008 Redistributable Package. For installations on x86 computers, install the x86 version of the Microsoft Visual C++ 2008 Redistributable Package. For installation on x64 computers, install both the x86 and x64 version of the Microsoft Visual C++ 2008 Redistributable Package. Go to the [Microsoft website](https://www.ibm.com/links?url=http%3A%2F%2Fwww.microsoft.com) and search for Microsoft Visual C++ 2008 Redistributable x64 x86.
* Open Installation manager , go to files>preferences>add repository.
* Add the repository link in the available space.

<https://www.ibm.com/software/repositorymanager/com.ibm.websphere.IHS.v85>

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* Then provide the IBMid and Password.
* Then apply and ok.
* Click on Install button
* Check the required packages and click next

Graphical user interface, text, application, email

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* Accept license agreement and click next
* Browse installation directory and click next

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* Configure port. Default port is 80.

Graphical user interface, text, application

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* Click on install