|  |  |  |  |
| --- | --- | --- | --- |
| **Type of the Product** | **Express Server** | **Base Server** | **Network Deployment Server** |
| Type of Operation | Development Server(development mode) by the developer  Single Standalone Application Server | Development Server(development mode) by the developer  Single Standalone Application Server | Production Server  (it is used Administrator for Project Delivery and Project Maintenance)  Network Server |
| License | No License | License | License |
| How Many Installation? | 2 CPU | N CPU | N CPU |
| Cluster(Grouping the Server) | No Cluster | No Cluster | Cluster |

Websphere network deployment server and base server

PortNumber: 0 -65536

0-1023----------OS Privileges(80 –web server)

1024---49050---- reserved ports(Sw,Products,server,tools)

49051---65536--------custom ports(used for anything)

IBM WebSphere Application Server—Base Server—6.1 or 7.0

Hardware requirement for websphere:

Processor— Minimum 1 GHz

Ram— Minimum 1 gb

HDD—Minimum 2 GB free

Software Requirement:

WAS 6.0----JDK1.4 or JRE 1.4

WAS 6.1----JDK1.5 or JRE 1.5

WAS 7----JDK1.6 or JRE 1.6

WAS 8----JDK1.7 or JRE 1.7

WAS 9----JDK1.8 or JRE 1.8 or more

JDK—Java Development Kit

\*Java Api

\*Java Compiler

\*JVM—Java virtual machine

JRE---Java Runtime Environment

\*JVM—Java virtual machine

3 ways to Install

1.Console Mode

2.GUI Mode

3.Silent Mode