**WebLogic Administration**

**Domain:**

Area of territory in general.

When referring to an [Internet](https://www.computerhope.com/jargon/i/internet.htm) address or name, **domain** or **domain name** is the location of a [website](https://www.computerhope.com/jargon/w/website.htm). For example, the domain name "google.com" points to the [IP address](https://www.computerhope.com/jargon/i/ip.htm) "216.58.216.164", but it is generally easier to remember a name rather than a long string of numbers.

**IP address:**

Short for **Internet Protocol address**, an **IP** or **IP address** is a number (example shown right) used to indicate the location of a computer or other device on a network using [TCP/IP](https://www.computerhope.com/jargon/t/tcpip.htm).

These addresses are similar to those of your house, allowing data to reach the appropriate destination on a network and the Internet.

As the Internet and technology evolve, there has been an increasing demand for IP addresses. To help meet the demand for IP addresses, there are two types of addresses used today: [IPv4](https://www.computerhope.com/jargon/i/ipv4.htm)(32 bits) and [IPv6](https://www.computerhope.com/jargon/i/ipv6.htm)(128 bits). Although you may only deal with an IPv4 address in your local home, school, or small office, you should also be aware of IPv6 addresses for when you encounter them.

**Example of an IPv4 address:**

216.58.216.164 (decimal)

**Example of an IPv6 address:**

2607:f8b0:4005:805::200e (hexadecimal)

**Web logic Server:**

Is an application server (makes the apps runnable) which hosts the enterprise apps,

Eg: J2EE

**Types:**

1. Admin server -- (properties & Communication information related to configuration)
2. Manage Server ---(manages the business apps)

**Web logic Server Installation Pre-requisite:**

**(web logic server 12.1 installation requires jdk 1.8)**

* JDK 1.8 can be get from oracle server )
* Web logic Installer (web logic apps server can also be got from oracle website.
* Enough memory in the system (e.g.: May be production environment)

Steps:

* 1st Install the jdk then install the web logic server installer..there will be 2 options in oracle, 1st  is Quick installer next is Supplemental Quick installer.
* We will download the Quick installer.
* After downloading we have to install it using command prompt make sure u run the cmd prompt in run as administrator mode.
* Open cmd prompt then change directory where the web logic server installer has been stored .Eg: cd C:\Program Files…
* Then set the java home 1st try echo %JAVA\_HOME% for finding the location of JDK.
* Then one command needs to be executed(refer this <https://www.youtube.com/watch?v=hhxnQa5C2Uo&list=PLRt-r4QiDOMfzsw2vchVr9xpcqq5gZt-1>)
* Notes: 1st part JDK path, 2nd part –jar to execute the jar file of web logic server installer 3rd part location where u need to install.
* If u click enter then installation starts and will be finished.