**Following are the features of Jenkins:**

* **Cross-platform:** it can be used on Windows, Linux, Mac OS and Solaris environments
* **Plug-ins:** Jenkins supports more than 1400 plugins to the automation of all kinds of development, testing and deployment tasks
* **Installation:** Jenkins is easy to install either using direct installation file (exe) or war file to deploy using application server
* **Easy Configuration:** To configure various tasks on Jenkins is easy
* **Change Support:** Jenkins generates the list of all changes done in repositories like SVN
* **Project build:** Jenkins documents the details of jar, version of jar and mapping of build and the jar numbers
* **Permanent links:** Jenkins provides direct links to the latest build or failed build that can be used for easy communication
* **Email integration:** Jenkins can be configured to email the content of the status of the build
* **TestNG test:** Jenkins can be configured to run the automation test build on TestNG after each build of SVN
* **Distributed Builds:** Jenkins allows remote job execution using a concept called "child" node. The system in which Jenkins is installed is called the master and the other remote systems from which the test scripts are referred to as child nodes. Basically, the installed Jenkins from the master system can be utilized in multiple slave systems by accessing it using the master URL through browser.

Now let us install Jenkins and start working with it.