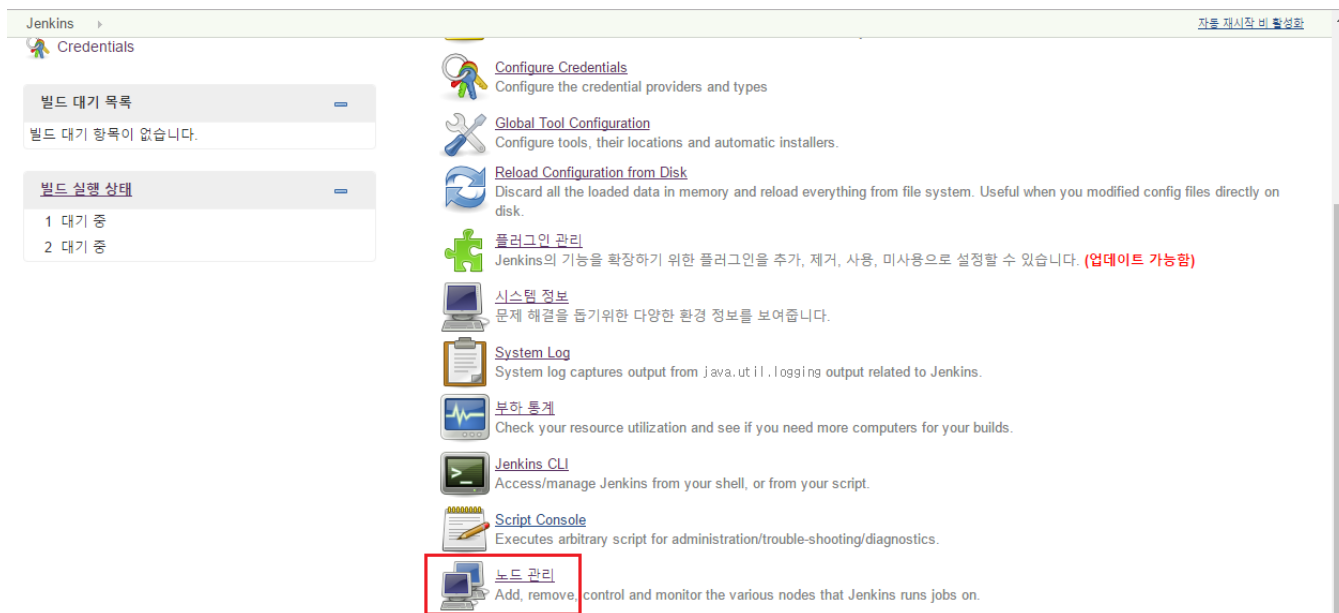


## 7. Jenkins Managing Nodes

- 설정

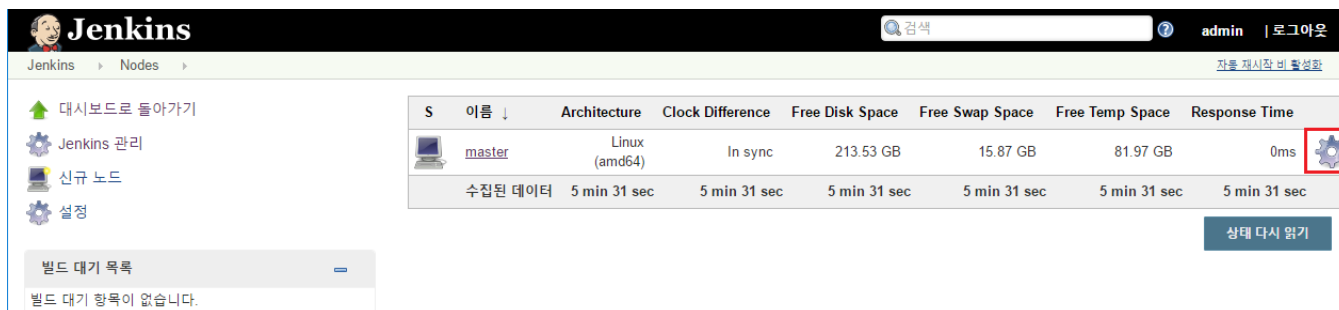
노드관리

Jenkins 관리 > 노드 관리 클릭 한다.



노드 설정

설정 하기 위해 노드의 우측의 기어 아이콘 버튼을 클릭 한다.



설정

- of executors
- 라벨
- Usage > Use this node as much as possible

Jenkins > Nodes > master

🏠 목록으로 돌아가기

🔍 상태

⚙️ 설정

📄 빌드 기록

👁️ 통계보기

💻 스크립트 콘솔

빌드 실행 상태

1 대기 중

2 대기 중

# of executors2

The maximum number of concurrent builds that Jenkins may perform on this agent.

A good value to start with would be the number of CPU cores on the machine. Setting a higher value would cause each build to take longer, but could increase the overall throughput. For example, one build might be CPU-bound, while a second build running at the same time might be I/O-bound — so the second build could take advantage of the spare I/O capacity at that moment.

Agents must have at least one executor. To temporarily prevent any builds from being executed on an agent, use the *Mark this node temporarily offline* button on the agent's page.

This does not apply to the Jenkins master — setting the number of executors to zero will prevent any builds from being executed on the master.

라벨

Labels (or tags) are used to group multiple agents into one logical group.

For example, if you have multiple Windows agents and you have a job that must run on Windows, then you could configure all your Windows agents to have the label `*windows`, and then tie that job to this label.

This would ensure that your job runs on one of your Windows agents, but not on any agents without this label.

Labels do not necessarily have to represent the operating system on the agent; you can also use labels to note the CPU architecture, or that a certain tool is installed on the agent.

Multiple labels must be separated by a space. For example, `*windows docker` would assign two labels to the agent: `*windows` and `docker`.

Labels may contain any non-space characters, but you should avoid special characters such as any of these: `!&|<>()`, as other Jenkins features allow for defining label expressions, where these characters may be used.

Usage

Use this node as much as possible

Use this node as much as possible

Only build jobs with label expressions matching this node

**Controls how**

**Use this node as much as possible**

This is the default setting.

In this mode, Jenkins uses this node freely. Whenever there is a build that can be done by using this node, Jenkins will use it.

**Only build jobs with label expressions matching this node**

In this mode, Jenkins will only build a project on this node when that project is restricted to certain nodes using a label expression, and that expression matches this node's name and/or labels.

This allows a node to be reserved for certain kinds of jobs. For example, if you have jobs that run performance tests, you may want them to only run on a specially configured machine, while preventing all other jobs from using that machine. To do so, you would restrict where the test jobs may run by giving them a label expression matching that machine.

Furthermore, if you set the # of executors value to 1, you can ensure that only one performance test will execute at any given time on that machine; no other builds will interfere.

2014 - 2023 CURVC Corp. All rights reserved