

REFLECTION

Server management itself is a hassle the moment you try it due to its repetitive nature tied with the need of troubleshooting whenever some part doesn't work as expected. Due to that, we need to track our changes to the devices from start to current and to make it worse, you might also need to do it for the other hosts as working in the servers doesn't just mean fiddling with your localhost PC but also the other devices as well. If things wouldn't really work, sometimes you might be forced to start the device or the whole server system itself. And from there, you do again the tasks needed to be done for the server system to work properly.

Though we are taught a solution or more so, a remedy for that, Automation. Imagine having to do tasks either at the same time or simultaneously on different devices by using only one PC, though of course to make it work, these other devices must also be open at the same time but at least you don't need to do the same task to each device over and over again with the help of SSH.

Of course, by introducing this remedy, at the same time, it can cause different issues too. One such problem we've faced is having one of us PC work while another one's PC does not work even though they have the very same procedures done to their PC. What is the given solution to this? Docker. Since most of us only struggle at the work where a certain application or module doesn't work, we can depend on Docker that will run the very same application from where you got it from, making distribution of applications you need very fast to do.

Though of course, to make all these work in the first place, you still need to know how to navigate and use Ubuntu itself and how the terminal works. By doing so, you hone yourself to not just be familiar with your workstation but also recognize which makes or makes not your doing work. At the same time, you also need to be aware and focused enough to not make a mistake on your procedures since most of the time, what gets us one simple typo for what we have done to not work.