**CONTAINERS AND KUBERNETES SECURITY**

We are talking security about supply chain. There are some examples of security attack of supply chain: US cyber-attack, SolarWinds, ecc.

What is a container? A standard unit of software that packages up code and all of its dependencies so that the application runs quickly and reliably from one computing environment to another.

Container vs Virtual machine: all hardware components must be virtualized 🡪 virtualization heavier.

Most of the container use the OS of the machine in which they are hosted. In linux there’s a difference between the user’s space and the OS space, some operations that we can do and others that we can’t do (the kernel takes care about these operations for us).