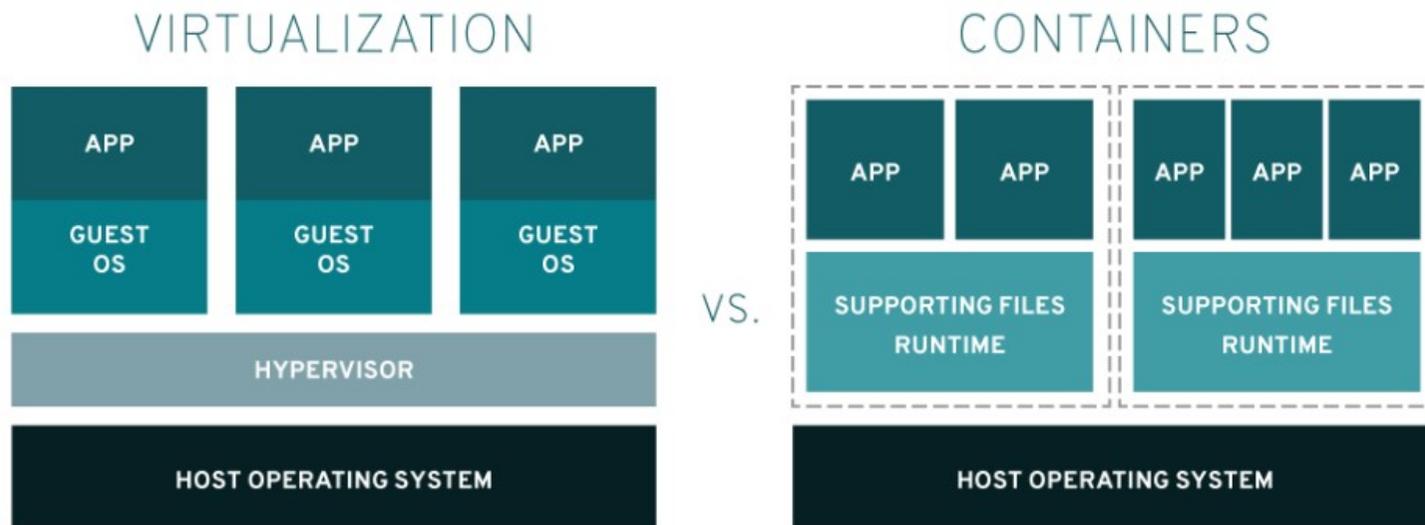


## Virtual Machines vs. Containers

<b>Virtual Machines</b>	<b>Containers</b>
Each VM runs its own OS	All containers share the same Kernel of the hosts
Boot up time is in minutes	Containers instantiate in seconds
Requires more disk and memory space	Requires less disk and memory space
Heavyweight	Lightweight
Cannot run more than a couple of VMs on an average laptop	Can run many Containers in a laptop
Not version controlled. Not effective diffs.	Images can be diffed and can be version controlled. E.g., DockerHub is like GITHUB.
Fully isolated, more secure	Process-level isolation, possibly less secure.

# Virtual Machines vs. Containers



Source: Red Hat