* K8S VS Docker

	K8S	Docker
	① It requires a series of manual steps to setup K8S master and worker nodes components in a cluster of nodes.	① Installing docker is a matter of one-liner command on linux platform like Debian, ubuntu and centOS.
	② K8S provides no native storage soln for log data.	② Logging driver plugins are available in Docker 17.05 and higher.
	③ There are various open-source tools available for K8S application monitoring like prometheus, Grafana, Influx DB etc.	③ They are various tools available for monitoring purposes like prometheus, Docker API etc.
	④ Supports upto 5000 nodes	④ Supports upto 2000 nodes
	⑤ More comprehensive and highly customizable.	⑤ Less extensive and customizable.
	⑥ You must manually configure your load balancing setting	⑥ Does auto load balancing
	⑦ Google, shopify, udemy, slack etc.	⑦ Twitter, spotify, paypal, eBay etc.

* Containers Problems

Both Linux Containers & Docker containers isolate the application from the host.

Faster, Reliable, Efficient, light-weight and scalable

But Not easily scalable

1. Containers could not communicate with each other
2. Containers had to be deployed appropriately
3. Containers had to be managed carefully
4. Auto-scaling was not possible
5. Distributing traffic was still challenging