Most container manifests
are in use. Select parsers, including Python, Java, and .NET, are in the lead.

80% of container images
are used in one week. A small percentage of images are generally used over the course of a month or a year.

80% of services step beyond a week. Containers (services) are expected to be available.

Container density rising 50% year-over-year. Compared to our 2017 report, the median number of containers per host increased year-over-year to 90,000. We observed density as high as 154 containers on a single host.

83% of containers are
in use. Most container images are updated in a week. 27% of containers churn between five to ten seconds. 95% of containers are created, do their work, and then go away.

Density rises 50% year-over-year. Compared to our 2017 report, the median number of containers per host increased year-over-year to 90,000. We observed density as high as 154 containers on a single host.

Most popular
- Docker: 12%
- CoreOS rkt: 12%
- Linux Containers LXC: 4%
- Amazon (ECR): 4%
- Mesos: 3%
- Amazon (ECR): 3%
- Rancher: 3%
- Kubernetes: 25%
- Rancher: 25%
- CoreOS lxc: 25%
- Amazon (ECR): 25%
- CoreOS lxc: 25%
- Amazon (ECR): 25%
- CoreOS lxc: 25%
- Amazon (ECR): 25%
- CoreOS lxc: 25%
- Amazon (ECR): 25%
- CoreOS lxc: 25%