



OPENSIFT

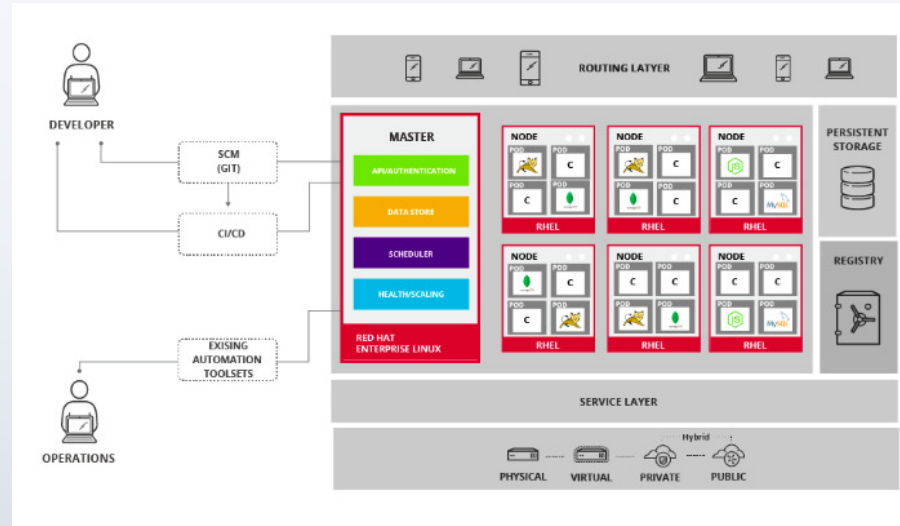
# OpenShift on the MOC

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## Introduction

- OpenShift, a container platform that builds on top of Kubernetes, Docker, and Linux, is now available as a service on the MOC.
- Containers provide multi-tenant isolation within a single host with near zero overhead compared to virtual machines by sharing the kernel between containers. This makes containers an ideal mechanism for building and delivering individual application components.
- Docker and Linux provide a container image format and runtime.
- Kubernetes provides multi-host orchestration for containerized applications.
  - Kubernetes is by many measurements the most active project on GitHub
  - Red Hat is the #2 contributor to Kubernetes



## References

- <https://www.openshift.com/>
- <https://learn.openshift.com/>
- <https://github.com/openshift/origin>
- <https://github.com/kubernetes/kubernetes/>
- <https://openshift.massopen.cloud/console/>

