

## Enterprise Kubernetes Storage with Red Hat OpenShift Data Foundation (D0370)

### Course Contents

- ✦ Deploy Red Hat OpenShift Data Foundation in internal and external mode.
- ✦ Provision non-shareable block storage to applications like databases.
- ✦ Provision shareable block storage to applications like virtual machines.
- ✦ Provision shareable file storage to such applications as CI/CD pipelines and AI/ML.
- ✦ Provision shareable object storage to applications, such as AI/ML and media streaming.
- ✦ Provision storage for Red Hat OpenShift cluster services, such as monitoring and registry.
- ✦ Monitor and expand storage capacity and performance
- ✦ Attach and detach storage from an application for backup and archiving.
- ✦ Create and access volume snapshots and clones.
- ✦ Troubleshoot internal Ceph components of Red Hat OpenShift Data Foundation.
- ✦ Perform backup and restore operations using the OADP API.