



Connect

**Fix It Fast:
OpenShift Virtualization Deep Dive**

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Facilitators



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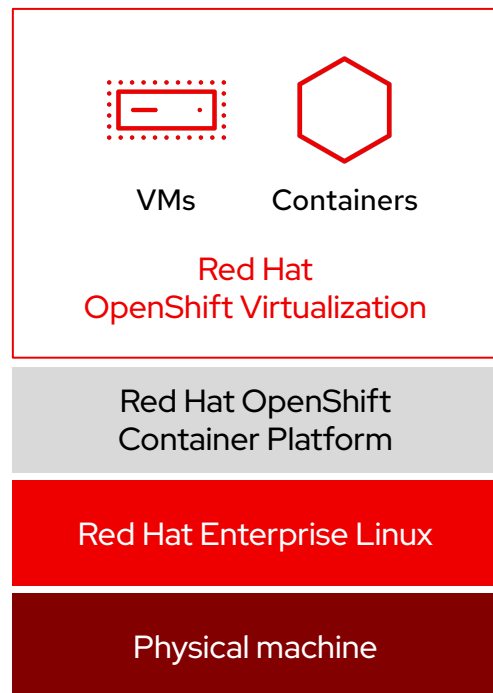


Stephan Michard

Associate Principal
Solution Architect

Red Hat OpenShift Virtualization

Modern virtualization option for general purpose virtualization customers



- ▶ **Unified application platform**

Consistent management, tooling, diverse ecosystem

- ▶ **Performance and stability**

The industry standard Kernel Virtual Machine (KVM) hypervisor

- ▶ **Built on KubeVirt**

Top 10 CNCF active project

- ▶ **Included capability**

of the Red Hat OpenShift application platform

- ▶ **Supports Microsoft Windows guests**

Microsoft Server Virtualization Validation Program (SVVP)

- ▶ **Includes Red Hat Enterprise Linux**

guest entitlements

Credentials

Instructions for Fix It Fast: OpenShift Virtualization Troubleshooting

Lab User Interface

<https://showroom-showroom-user18.apps.cluster-57tgp.dynamic.redhatworkshops.io/>

Messages

Lab instructions: <https://showroom-showroom-user18.apps.cluster-57tgp.dynamic.redhatworkshops.io/>

Data

```
bastion_public_hostname: ssh.ocpv08.rhdp.net
bastion_ssh_password: EBgtc0jpvHEW
bastion_ssh_port: '32302'
bastion_ssh_user_name: user18
cloud_provider: openshift_cnv
console_url: >-
  https://console-openshift-console.apps.cluster-57tgp.dynamic.redhatworkshops.io
login_command: >-
  oc login --insecure-skip-tls-verify=false -u user18 -p EBgtc0jpvHEW
  https://api.cluster-57tgp.dynamic.redhatworkshops.io:6443
ocp4_installer_version: '4.19'
openshift_api_url: https://api.cluster-57tgp.dynamic.redhatworkshops.io:6443
openshift_cluster_ingress_domain: apps.cluster-57tgp.dynamic.redhatworkshops.io
openshift_console_url: >-
  https://console-openshift-console.apps.cluster-57tgp.dynamic.redhatworkshops.io
password: EBgtc0jpvHEW
showroom_primary_view_url: >-
  https://showroom-showroom-user18.apps.cluster-57tgp.dynamic.redhatworkshops.io/
user: user18
```

Connect to Bastion and OpenShift

Connect to Bastion Host:

```
ssh user1@ssh.ocpv05.rhdp.net -p 31972
```

Connect to OpenShift:

```
oc login --insecure-skip-tls-verify=false -u user1 -p AQ8mnPjqXRQg  
https://api.cluster-765lf.dynamic.redhatworkshops.io:6443
```

Tipps and Tricks

Connect to VM via ssh:

```
virtctl ssh vmi/exercise5 --username=lab-user
```

Watch Workloads:

```
watch -n 1 oc get pods,vm,vmi,service,ep,route
```

Lab Commands

Start your Lab:

```
lab break exercise1
```

Reset your Lab:

```
lab fix exercise1
```

Grade your Lab:

```
lab grade exercise1
```

Stop and clean your Lab:

```
lab clean exercise1
```

Get Lab Access

Access the on of the following URL:



<https://catalog.demo.redhat.com/workshop/748fm>

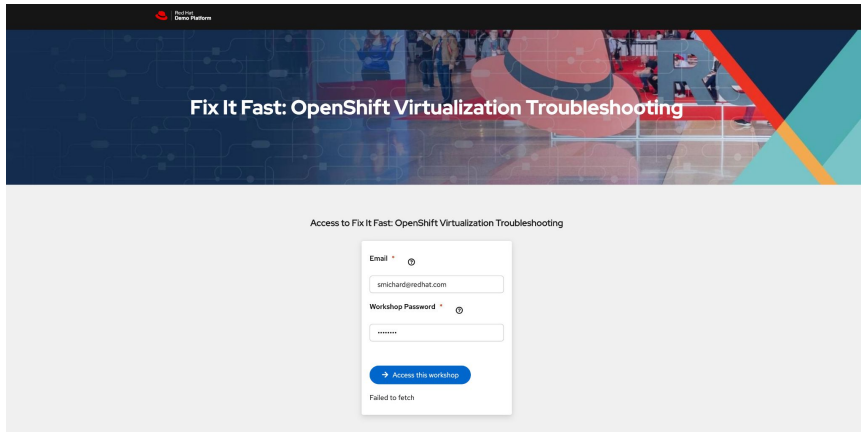


<https://catalog.demo.redhat.com/workshop/qdhhv7>



<https://catalog.demo.redhat.com/workshop/57tgp>

Password: ovirt@2025



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