Abstract

This document describes new features, known issues, and resolved issues for the Migration Toolkit for Virtualization 2.0.
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Red Hat is committed to replacing problematic language in our code, documentation, and web properties. We are beginning with these four terms: master, slave, blacklist, and whitelist. Because of the enormity of this endeavor, these changes will be implemented gradually over several upcoming releases. For more details, see our CTO Chris Wright’s message.
CHAPTER 1. MIGRATION TOOLKIT FOR VIRTUALIZATION 2.0
RELEASE NOTES

The Migration Toolkit for Virtualization (MTV) enables you to migrate virtual machines from VMware vSphere to OpenShift Virtualization, an add-on to OpenShift Container Platform 4.7. With OpenShift Virtualization, you can manage virtual machine workloads alongside container workloads.

This document describes new features and enhancements, known issues, and resolved issues for the Migration Toolkit for Virtualization 2.0.

1.1. NEW FEATURES AND ENHANCEMENTS

This release adds the following features and improvements.

1.1.1. Warm migration

Warm migration reduces downtime by copying most of the VM data during a precopy stage while the VMs are running. During the cutover stage, the VMs are stopped and the rest of the data is copied.

1.1.2. Cancel migration

You can cancel an entire migration plan or individual VMs while a migration is in progress. A canceled migration plan can be restarted in order to migrate the remaining VMs.

1.1.3. Migration network

You can select a migration network for the source and target providers for improved performance. By default, data is copied using the VMware administration network and the OpenShift Container Platform pod network.

1.1.4. Validation service

The validation service checks source VMs for issues that might affect migration and flags the VMs with concerns in the migration plan.

IMPORTANT

The validation service is a Technology Preview feature only. Technology Preview features are not supported with Red Hat production service level agreements (SLAs) and might not be functionally complete. Red Hat does not recommend using them in production. These features provide early access to upcoming product features, enabling customers to test functionality and provide feedback during the development process.

For more information about the support scope of Red Hat Technology Preview features, see https://access.redhat.com/support/offerings/techpreview/.