



Hitachi Content Platform

HCP Data Migrator 6.1 Release Notes

HCP-DM Version 6.1.0.9
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About this document

This document contains release notes for release 6.1 of **HCP Data Migrator (HCP-DM)**, which is available with releases 6.1, 6.1.1, and 7.0 of HCP.

This document describes features, product documentation, and known issues and provides other useful information about the 6.1 release of HCP-DM.



Note: Throughout this document, the word *Unix* is used to represent all UNIX-like operating systems (such as UNIX[®] itself or Linux[®]), except where Linux is specifically required.

Release highlights for HCP-DM 6.1

Release 6.1 of HCP Data Migrator is the same as release 6.0.2.

Release highlights for HCP-DM 6.0.2

Release 6.0.2 of HCP Data Migrator is the same as release 6.0.1. However, issue reference numbers in the [“Resolved issues.”](#) [“Issues with workarounds.”](#) and [“Other known issues”](#) sections of this document have been updated to reflect a new issue tracking system.

Release highlights for HCP-DM 6.0.1

Release 6.0.1 of HCP Data Migrator resolves one issue found in release 6.0.

Release highlights for HCP-DM 6.0

Release 6.0 of HCP Data Migrator introduces several features and enhancements.

Namespace profile type for release 6.0 namespaces

Release 6.0 of HCP-DM adds a new namespace profile type for HCP namespaces in release 6.0 HCP systems. This profile type supports the copying of symbolic links and multiple annotations with objects.

Metadata jobs

You can now run jobs that set metadata values for multiple objects in an HCP namespace. Metadata jobs can change system metadata, custom metadata, and ACLs. You can also set a load schedule for the job. You can use the HCP-DM GUI or the **hcpdm** command to run a metadata job.

Annotation support

When copying an object between release 6.0 HCP namespaces, HCP-DM copies all the annotations for the object. When copying between a release 6.0 HCP namespace and any other namespace, HCP-DM copies only the default annotation for the object.

In release 6.0 HCP namespaces, HCP-DM can add, modify, or delete only the default annotation.

Symbolic link support

HCP-DM now copies symbolic links between any combination of local file systems that support symbolic links and release 6.0 HCP namespaces. HCP-DM now deletes symbolic links from local file systems that support symbolic links and release 6.0 HCP namespaces.

Directory listings use arrow icons to indicate items that are symbolic links. For the local file system and HCP namespaces, the properties window for a symbolic link displays the link target. You cannot use HCP-DM to access the target of a symbolic link.

HCP-DM documentation

The following documents contain information about HCP Data Migrator:

- *Using HCP Data Migrator* — This book contains the information you need to install and use HCP Data Migrator, a utility that works with HCP. This utility enables you to copy data between local file systems, namespaces in HCP, and earlier HCAP archives. It also supports bulk delete operations and bulk operations to change object metadata.

Additionally, it supports associating custom metadata and ACLs with individual objects. The book describes both the interactive window-based interface and the set of command-line tools included in HCP-DM.

- *HCP-DM Third-Party Licenses and Copyrights* — This book contains copyright and license information for third-party software distributed with or embedded in HCP Data Migrator.

Installation

HCP Data Migrator is available as a download from the HCP Tenant Management Console. For information on:

- Downloading HCP-DM, see *Managing a Tenant and its Namespaces* or *Managing the Default Tenant and Namespace*
- Installing HCP-DM on a client computer, see *Using HCP Data Migrator*

Supported systems

HCP-DM runs on Windows[®] and Unix systems. The following sections list the system requirements, supported operating systems, and supported source and destination system combinations.

System requirements

HCP-DM runs on any Windows or Unix client that supports the Oracle[®] Java[®] Runtime Environment (JRE) version 7 update 6 or later. The computer that runs HCP-DM must meet these minimum requirements:

- 1.6 Ghz processor
- 2 Gb RAM
- 100 Mbps Ethernet interface

Windows clients should have the most recent applicable Microsoft[®] Windows Service Pack installed

Operating systems

These client operating systems are qualified for use with HCP Data Migrator:

- Microsoft 32-bit Windows:
 - Windows 2003 R2 (Standard and Enterprise Server editions)
 - Windows 2008 R2 (Standard and Enterprise Server editions)
 - Windows 7
 - Windows 8
 - Windows 2012 (Standard and Datacenter editions)
- HP-UX 11i v1 (11.11) on Itanium®
- HP-UX 11i v1 (11.11) on PA-RISC
- IBM AIX 7.1
- Red Hat® Enterprise Linux ES 5 (32-bit)
- Red Hat Enterprise Linux ES 6.3 (64-bit)
- Sun Solaris® 10 SPARC®
- Sun Solaris 11 SPARC

Source and destination combinations

HCP-DM has been qualified for copying between source and destination systems as indicated in the table below. Unqualified combinations may work but may have unexpected results.

Source	Destination				
	Local file system	HCAP 2.6 archive	HCP default namespace	Release 3.x or 4.x HCP namespace	Release 5.x, 6.x, or 7.x HCP namespace
Local file system	No	Yes	Yes	Yes	Yes
HCAP 2.6 archive	Yes	No	Yes	Yes	No

Source	Destination				
	Local file system	HCAP 2.6 archive	HCP default namespace	Release 3.x or 4.x HCP namespace	Release 5.x, 6.x, or 7.x HCP namespace
HCP default namespace	Yes	No	No	On the same HCP system	On the same HCP system
Release 3.x or 4.x HCP namespace	Yes	No	No	On the same HCP system	Yes
Release 5.x, 6.x, or 7.x HCP namespace	Yes	No	On the same HCP system	Yes	On the same HCP system

Resolved issues

The following sections describe previously identified HCP-DM issues that are now resolved.

Issue resolved in release 6.0.1

The table below lists the issue that was been resolved in release 6.0.1 of HCP-DM.

Ref. number	Description
HCP-803	<p>Cannot copy objects with large retention setting HCP-DM cannot copy objects that have a retention setting greater than 2147483647, which is equivalent to January 19, 2038, GMT at 03:14:07. If HCP-DM tries to copy such an object, the copy job fails, and any objects not yet copied are not copied.</p> <p>Fix: HCP-DM can now copy objects that have a retention setting greater than 2147483647.</p>

Issues resolved in release 6.0

The table below lists issues that were resolved in release 6.0 of HCP-DM. The issues are listed in order by reference number.

Ref. number	Description
HCP-770	<p>Inaccurate object count for copy and delete jobs The number of objects found reported for copy and delete jobs is not always accurate.</p> <p>Fix: This count now equals the number of files or objects plus directories for all cases.</p>

(Continued)

Ref. number	Description
HCP-778	<p>Byte counts zero for delete jobs For delete jobs, the Objects pending, Objects succeeded, and Objects failed entries in the Metrics section of the Progress page of the Delete Job Details window always show (0 bytes).</p> <p>Fix: This size information has been removed from the output.</p>
HCP-783	<p>Incompletely deleted jobs Not all jobs are properly deleted in HCP-DM releases prior to 4.1. Upgrading to a later release results in WARNING messages in the log file, and trying to run these jobs results in error messages indicating database issues.</p> <p>Fix: When you upgrade to HCP-DM 6.0 the installer cleans up incompletely deleted jobs.</p>

Issues with workarounds

The table below lists known issues in the current release of HCP-DM for which workarounds exist. The issues are listed in order by reference number.

Ref. number	Description
HCP-508	<p>Socket timeout errors on slow systems HCP-DM may encounter socket timeout errors if the local operating system cannot process the socket activity fast enough to handle all traffic. In these cases, the requested operation completes successfully, but HCP-DM does not have information about the outcome. As a result, HCP-DM retries the operation and may get a failure result for the second attempt.</p> <p>Workaround: You can check whether failure results indicate failed operations by browsing to the object location in HCP-DM. To resolve this issue, you can do either or both of the following:</p> <ul style="list-style-type: none"> Reduce socket timeouts by increasing the timeout period, which is specified by the http.socket_timeout.millis setting in the <code>hcpdm.properties</code> file. Use the Treat conflict (409) errors as success GUI option or --ignore-conflicts command line option to manage this issue. <p>For more information on using the http.socket_timeout.millis setting and the options to ignore conflict errors, see <i>Using HCP Data Migrator</i>.</p>

(Continued)

Ref. number	Description
HCP-580	<p>Purging a deleted directory does not remove objects in it In an HCP namespace with versioning enabled, after deleting a directory, using HCP-DM to purge the deleted directory does not remove the objects in the directory.</p> <p>Workaround: To remove the objects in a deleted directory, do one of these:</p> <ul style="list-style-type: none"> • Open the deleted directory and purge the objects in it. • Recreate the deleted directory and all objects and subdirectories in it so that active versions exist and then purge the directory.
HCP-24156	<p>Cannot use a domain name to connect to a namespace on an IPv6 or dual-mode HCP network HCP-DM does not support the use of IPv6 addresses to connect to a namespace on an HCP system.</p> <p>HCP-DM can use IPv4 addresses to connect to a namespace on a dual-mode HCP network. However, if HCP-DM tries to use a domain name to connect to a namespace on a dual-mode network, when the DNS resolves the domain name, it will return both IPv6 and IPv4 addresses for the network. If HCP-DM then tries to use the IPv6 addresses to connect to the namespace, the connection will fail.</p> <p>Workaround: To ensure that HCP-DM can successfully connect to a namespace on a dual-mode HCP network, you need to configure HCP-DM to connect to that namespace using the IPv4 addresses for the network.</p>

Other known issues

The table below lists known issues in the current release of HCP-DM for which no workarounds exist. The issues are listed in order by reference number.

Ref. number	Description
HCP-452	<p>Punycode-encoded profile names not displayed properly HCP-DM does not properly display profile names that are internationalized domain names (IDN) encoded using Punycode.</p>
HCP-481	<p>Number of open connections can exceed load schedule setting The load schedule settings control the maximum number of active connections to an HCP system or node. In some cases, HCP-DM may keep more than the specified number of connections open. However, the number of connections in use and, therefore, the maximum number of concurrent operations do not exceed the specified values.</p>

(Continued)

Ref. number	Description
HCP-804	<p>HCP Data Migrator can set the value of the hold parameter to true, but not to false</p> <p>HCP Data Migrator can be used to place an object on hold by updating the system metadata for the object to set the hold parameter to true. However, you cannot use the HCP Data Migrator to remove a hold from an object because the HCP Data Migrator cannot set the value of the hold parameter to false.</p>
HCP-23115	<p>Incorrect release number in <i>Using HCP Data Migrator</i></p> <p>The preface in the version of <i>Using HCP Data Migrator</i> that comes with HCP-DM release 6.1 incorrectly states that the book applies to release 6.0.1.</p>

Getting help

The Hitachi Data Systems® customer support staff is available 24 hours a day, seven days a week. If you need technical support, please call:

- United States: (800) 446-0744
- Outside the United States: (858) 547-4526



Note: If you purchased HCP from a third party, please contact your authorized service provider.

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