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VMware vCenter Converter Standalone 6.0 Release Notes

VMware vCenter Converter Standalone 6.0 | 14 May 2015 | Build 2716716
Check back periodically for additions and updates to these release notes.

What's New in the Release Notes

These release notes cover the following topics:

- [Introduction to Converter Standalone \(#introconv\)](#)
- [What's New \(#whatsnew\)](#)
- [VMware vCenter Converter Standalone 6.0 Support Notice \(#notice\)](#)
- [Installation Notes \(#install\)](#)
- [Platform Support \(#platf\)](#)
- [Interoperability \(#interop\)](#)
- [Supported Guest Operating Systems \(#questos\)](#)
- [Previous Converter Standalone Releases \(#priorreleases\)](#)
- [Known Issues \(#knownissues\)](#)
- [SDK Base Notes \(#sdk\)](#)

Introduction to Converter Standalone

VMware vCenter Converter Standalone provides an easy-to-use solution to automate the creation of VMware virtual machines from physical machines (running Windows and Linux) in various virtual machine formats, and third-party image formats. Through an intuitive graphical user interface and a centralized management console, Converter Standalone can reliably convert multiple local and remote physical machines without any significant downtime.

Conversion is performed quickly and without any disruption or downtime.

[\(https://www.vmware.com/\)](https://www.vmware.com/)

third-party image or virtual machine formats such as Parallels Desktop, Symantec
ec System Recovery, Norton Ghost, Acronis, StorageCraft, Microsoft Virtual
Virtual PC, and Microsoft Hyper-V Server virtual machines to VMware virtual



entralized management of remote conversions of multiple physical servers or
chines simultaneously.



nversion reliability through quiesced snapshots of the guest operating system
rce machine before data migration.



n-disruptive conversions through hot cloning, with no source server downtime or

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ew



vCenter Converter Standalone 6.0 provides:



or virtual machine hardware version 11.
ility with vSphere 6.0 and Workstation 11.



or additional guest operating systems: Red Hat Enterprise Linux 7, Ubuntu 14,
-7, Windows Server 2012 R2, Windows 8.1.



f pure IPv6 environments.
de.

cloning for volumes with ReFS file system.

or XFS file system.

or predictable network interface names.



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vCenter Converter Standalone 6.0 Support Notice

nter Converter Standalone 6.0 is the last release of the product to support third-
images and virtual machines as sources for conversion. This capability will be
in the next release. If you use this capability, you should start planning your

st of the third-party backup images and virtual machines see [Interoperability](#)

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on Notes

limited rights cannot install Converter Standalone on Windows. You must log in as administrator to install Converter Standalone.

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Install VMware Converter Standalone 6.0 on the following platforms:








- Server 2003 R2 SP2 (32-bit and 64-bit)
- Vista SP2(32-bit and 64-bit)
- Server 2008 SP2 (32-bit and 64-bit)
- Server 2008 R2 (64-bit)
- 7 (32-bit and 64-bit)
- 8 (32-bit and 64-bit)
- 8.1(32-bit and 64-bit)
- Server 2012 (64-bit)
- Server 2012 R2 (64-bit)

ability

andalone 6.0 supports the following sources.

- machine running an operating system noted in [Supported Guest Operating #gestos](#)
- esktop products
- station 10.x and 11.0
- n 6.x and 7.0
- r 6.x and 7.0
- Center virtual machines
- are 6.0
- are 5.5
- are 5.1
- are 5.0
- are 4.1

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| | |
|--|---|
| | is True Image Echo 9.1 and 9.5, and Acronis True Image Home 10 and 11 (.tib) |
| (https://www.vmware.com/) | ntec Backup Exec System Recovery (formerly LiveState Recovery) 6.5, 7.0, 8.0, .5, and LiveState Recovery 3.0 and 6.0 (.sv2i format only) |
|  (JAVASCRIPT:VOID(0)) CLOUD SERVICES | n Ghost version 10.0, 12.0, and 14.0 (.sv2i format only) |
|  PRODUCTS (JAVASCRIPT:VOID(0)) | els Desktop 2.5, 3.0, and 4.0 (.pvs and .hdd). Compressed disks are not orted |
| | els Workstation 2.x (.pvs). Compressed disks are not supported. Parallels izzo Containers are not supported. |
|  (JAVASCRIPT:VOID(0)) SOLUTIONS | geCraft ShadowProtect Desktop, ShadowProtect Server, ShadowProtect Small ess Server (SBS), ShadowProtect IT Edition, versions 2.0, 2.5, 3.0, 3.1, and 3.2 |
| | icrosoft VHD format for the following sources: |
| (JAVASCRIPT:VOID(0)) SUPPORT | icrosoft Virtual PC 2004 and Microsoft Virtual PC 2007 (.vmc) |
| | icrosoft Virtual Server 2005 and 2005 R2 (.vmc) |
|  (JAVASCRIPT:VOID(0)) DOWNLOADS | itions and limitations about converting Backup Exec System Recovery, otect, and Consolidated Backup images, see the <i>VMware vCenter Converter ie User's Guide</i> . |
|  (JAVASCRIPT:VOID(0)) PROFESSIONAL SERVICES | n the selected source, you can convert it to the following destinations. |
| | Center virtual machines |
| | l.0 and 4.1 |
|  (JAVASCRIPT:VOID(0)) PARTNER PROGRAMS | 4.0, 4.1, 5.0, 5.1, 5.5 and 6.0 |
| | ter Server 4.0, 4.1, 5.0, 5.1, 5.5 and 6.0 |
| | esktop virtual machines |
|  (JAVASCRIPT:VOID(0)) COMPANY | are Workstation 10.x and 11.0 |
| | are Player 6.x and 7.0 |
| | are Fusion 6.x and 7.0 |
| | s of Converter Standalone (versions 3.x, 4.x and 5.x) might not be compatible with are 6.x. |








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id Guest Operating Systems

andalone 6.0 supports the following guest operating systems:

Server 2003 R2 SP2 (32-bit and 64-bit)

Server 2008 SP2 (32-bit and 64-bit)

| | |
|--|---|
| | Server 2008 R2 (64-bit) |
| (https://www.vmware.com/) | 7 (32-bit and 64-bit) |
|  (JAVASCRIPT:VOID(0)) | 8 (32-bit and 64-bit) |
| CLOUD SERVICES | 8.1 (32-bit and 64-bit) |
|  (JAVASCRIPT:VOID(0)) | Server 2012 (64-bit) |
| PRODUCTS | Server 2012 R2 (64-bit) |
| (JAVASCRIPT:VOID(0)) | .x (32-bit and 64-bit) |
| | 0 (64-bit) |
|  (JAVASCRIPT:VOID(0)) | Enterprise Linux 4.x (32-bit and 64-bit) |
| SOLUTIONS | Enterprise Linux 5.x (32-bit and 64-bit) |
| | Enterprise Linux 6.x (32-bit and 64-bit) |
| (JAVASCRIPT:VOID(0)) | Enterprise Linux 7.x (64-bit) |
| SUPPORT | ix Enterprise Server 9.x (32-bit and 64-bit) |
|  (JAVASCRIPT:VOID(0)) | ix Enterprise Server 10.x (32-bit and 64-bit) |
| DOWNLOADS | ix Enterprise Server 11.x (32-bit and 64-bit) |
| | .04 (32-bit and 64-bit) |
|  (JAVASCRIPT:VOID(0)) | .x (32-bit and 64-bit) |
| PROFESSIONAL SERVICES | uring cloning of powered on Linux machines, Converter Standalone 6.0 |
| | e following source file systems on the destination: ext2, ext3, ext4, reiserfs, |
|  (JAVASCRIPT:VOID(0)) | All other source file systems are converted into ext3 or ext4 file systems on the |
| PARTNER PROGRAMS | irtual machine. |
| | ormation about the operating systems supported by Converter Standalone and |
| | i requirements, see the VMware vCenter Converter Standalone User's Guide. |
|  (JAVASCRIPT:VOID(0)) | |
| COMPANY | |

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ases of Converter Standalone

n prior releases of Converter Standalone are described in the release notes for . To view release notes for prior releases of Converter Standalone, click one of l links:









[onverter 5.5.3](http://kb.vmware.com/kb/2091104) (<http://kb.vmware.com/kb/2091104>)

[onverter 5.5.2](http://www.vmware.com/support/converter/doc/conv_sa_552_rel_notes.html) (http://www.vmware.com/support/converter/doc/conv_sa_552_rel_notes.html)

[onverter 5.5.1](http://www.vmware.com/support/converter/doc/conv_sa_551_rel_notes.html) (http://www.vmware.com/support/converter/doc/conv_sa_551_rel_notes.html)

[onverter 5.5](http://www.vmware.com/support/converter/doc/conv_sa_55_rel_notes.html) (http://www.vmware.com/support/converter/doc/conv_sa_55_rel_notes.html)

[onverter 5.0](http://www.vmware.com/support/converter/doc/conv_sa_50_rel_notes.html) (http://www.vmware.com/support/converter/doc/conv_sa_50_rel_notes.html)

| | |
|--|--|
| | Center Converter Standalone 4.3 (https://www.vmware.com/) vmware.com/support/converter/doc/conv_sa_43_rel_notes.html |
|  (JAVASCRIPT:VOID(0)) CLOUD SERVICES | Center Converter Standalone 4.0.1 vmware.com/support/converter/doc/releasenotes_conv401.html |
|  (JAVASCRIPT:VOID(0)) PRODUCTS | Center Converter Standalone 4.0 vmware.com/support/converter/doc/releasenotes_conv40.html |
|  (JAVASCRIPT:VOID(0)) SOLUTIONS | Converter 3.0.3 (http://www.vmware.com/support/converter/doc/releasenotes_conv303.html) Converter 3.0.2 Update 1 vmware.com/support/converter/doc/releasenotes_conv302update1.html) Converter 3.0.2 (http://www.vmware.com/support/converter/doc/releasenotes_conv302.html) |
| | Top of Page (#topofpage) |
|  (JAVASCRIPT:VOID(0)) SUPPORT | Issues The Converter Standalone 6.0 release contains the following known issues: Known Issues (#installissues) Known Issues (#gen) Sources (#winsource) Sources (#insource) File Formats (#threep) |
|  (JAVASCRIPT:VOID(0)) DOWNLOADS | |
|  (JAVASCRIPT:VOID(0)) PROFESSIONAL SERVICES | |
|  (JAVASCRIPT:VOID(0)) PARTNER PROGRAMS | Top of Page (#topofpage) |
|  (JAVASCRIPT:VOID(0)) COMPANY | The location of the Converter Standalone installation directory contains non-ASCII characters , you might experience conversion and configuration problems (#1116373) You must restart machines that run 64-bit Windows Vista or later before re-installing Converter Standalone (#389085) The Converter Standalone installer removes Workstation 6.5.x remote agents without warning (#363915) Users with limited rights cannot install Converter Standalone on Windows (#361912) You cannot install vCenter Converter 4.2.1 on the same machine where you have |

(<https://www.vmware.com/>)



(JAVASCRIPT:VOID(0))
CLOUD SERVICES

If the Converter Standalone installation directory contains non-ASCII characters, you might experience conversion and configuration problems
If the Converter Standalone installation directory contains non-ASCII characters, issues might occur:



PRODUCTS
(JAVASCRIPT:VOID(0))

on and configuration of Windows virtual machines might fail with an error
Unable to reconfigure destination virtual machine. In the
converter-worker.log, this error generates a message similar to Error
or restoring key: Unknown error 3 (0x3) (3)) restoring
y key C:\ã-ã™ãŸã•ã<ãnÂ°... \data\SKUNKWORKS_FILLER



(JAVASCRIPT:VOID(0))
SOLUTIONS

o convert a Linux physical machine, you might receive an error message in the
Machine wizard **Unable to obtain hardware information.**

(JAVASCRIPT:VOID(0))
SUPPORT

start machines that run 64-bit Windows Vista or later before re-installing standalone



(JAVASCRIPT:VOID(0))
DOWNLOADS

all Converter Standalone from a 64-bit Windows Vista, Windows Server 2008, or
achine and do not restart it, a subsequent Converter Standalone installation
h the following error message:
44. Could not install service Vstor2 MntApi 1.0 Driver
Please reboot and try to install again.



(JAVASCRIPT:VOID(0))
PROFESSIONAL
SERVICES

Restart the Windows Vista, Windows Server 2008, or Windows 7 machine and
Converter Standalone again.

standalone installer removes Workstation 6.5.x remote agents without



(JAVASCRIPT:VOID(0))
PARTNER
PROGRAMS

e Workstation 6.5.x to hot-clone a Windows source machine, Workstation
note Workstation agent on the source. If you choose to leave the remote agent
e and then install Converter Standalone on the same machine, the Converter
installer uninstalls that agent without any warning messages.



(JAVASCRIPT:VOID(0))
COMPANY

imited rights cannot install Converter Standalone on Windows

ged in to Windows as a non-administrator user, the following error message is
ile the InstallShield is extracting files for Converter Standalone installation:

save file:

IS\Installer\

m cannot find the path specified.

displayed because limited users do not have the required write permissions.

! Select the %TEMP% directory to extract the installation files:

n the error message. A Save As dialog box appears.









o the Temp folder of the current user (for example, C:\Documents and
s\"username\"Local Settings\Temp) and click **OK**.

will need to log in as an administrator to install Converter Standalone.

install vCenter Converter 4.2.1 on the same machine where you have already

! First install vCenter Converter 4.2.1 and then install Converter Standalone 6.0.

[\(https://www.vmware.com/\)](https://www.vmware.com/)[Top of Page \(#topofpage\)](#)

| | |
|---|---|
|  (JAVASCRIPT:VOID(0)) CLOUD SERVICES | Cloud cloning of a powered off machine image to a virtual datastore destination (#1438816) |
|  (JAVASCRIPT:VOID(0)) PRODUCTS | Converter Standalone might display an incorrect version of the Windows operating system (#097328) |
|  (JAVASCRIPT:VOID(0)) SOLUTIONS | Creation of virtual machine with thick destination disk type of certain size fails on datastore even if it seems to have enough space (#1398438) |
|  (JAVASCRIPT:VOID(0)) SUPPORT | If you try to convert a source physical or virtual machine to a managed destination which provisioned disks with large empty spaces on them, the conversion task fails (#1150258) |
|  (JAVASCRIPT:VOID(0)) DOWNLOADS | When converting hosted virtual machines with unpartitioned disks, you might not be able to obtain hardware information about the source (#1096690) |
|  (JAVASCRIPT:VOID(0)) PROFESSIONAL SERVICES | A running P2V conversion job fails if you create a new conversion job for the same source machine and use a different port to deploy the Converter Standalone agent (#571042) |
|  (JAVASCRIPT:VOID(0)) PARTNER PROGRAMS | You cannot copy running conversion or configuration jobs (#492994) |
|  (JAVASCRIPT:VOID(0)) COMPANY | Unlinked Cloning of source images greater than 2GB to a network share that does not support large files fails (#367832) |
| | Creating a conversion job to convert a standalone VMware source with a VMDK image greater than 2GB from a network share that does not support large files, fails (#366828) |
| | Converter Standalone cannot detect the power state of VMware Workstation or VMware hosted source virtual machines if they are located on a read-only network (#1475) |
| | Conversion jobs from and to ESX hosts that are not connected to vCenter Servers fail |

| | |
|---|---|
|  (https://www.vmware.com/) | Converting source volumes with unrecognized file systems might prevent the virtual machines from starting (#467466) |
|  (JAVASCRIPT:VOID(0)) CLOUD SERVICES | Converting standalone VMware sources with a VMDK file greater than 2GB to a destination that resides on a network share that does not support large files, fails |
|  PRODUCTS (JAVASCRIPT:VOID(0)) | Converter Standalone is unable to detect the system volume if it resides on a SCSI IDE disks are present in the source machine (#326137) |
|  (JAVASCRIPT:VOID(0)) SOLUTIONS | If the hardware configuration of the source machine is modified while the conversion wizard is open, you need to restart the conversion wizard if you want to view source details (#330455) |
|  (JAVASCRIPT:VOID(0)) SUPPORT | Converting a source that contains file system errors might result in a damaged virtual machine (#312771) |
|  (JAVASCRIPT:VOID(0)) DOWNLOADS | Timeout on SSL handshake when converting over a WAN link (#341328) |
|  (JAVASCRIPT:VOID(0)) PROFESSIONAL SERVICES | User Account Control (UAC) prevents installing Converter Standalone agent if you are using the default Administrator account to connect to a powered on source machine (#548870) |
|  (JAVASCRIPT:VOID(0)) PARTNER PROGRAMS | The Reconfigure Virtual Machine wizard does not display correctly the vDS port name (#527554) |
|  (JAVASCRIPT:VOID(0)) COMPANY | The reported network transfer rate might not be correct (#717850) |
| | Adding a virtual machine to a domain might fail if you specify a fully qualified user name (#761428) |
| | Conversion of a physical machine running Microsoft Windows XP or Windows Vista with a BCD manager (Boot Manager for Windows Vista) and later might fail |
| | Submitting a job might fail with The specified parameter was not found message (#761246) |

(<https://www.vmware.com/>)

cloning of a powered off machine image to a virtual datastore destination



It might be able to perform a disk-based cloning of a powered off machine image to a virtual destination. The conversion might fail at 1% with a message **Operation failed network error** if the size of the source disk is not a number that is a multiple of 1 MB.

Workaround: Use volume-based cloning, if the option is available.



PRODUCTS

Standalone might display an incorrect version of the Windows operating system



Standalone might display incorrect operating system information for running virtual machines with Windows 8.1 and Windows Server 2012 R2 and later.

Workaround: If the operating system is Windows 8.1, Windows 8 is displayed.

Workaround: If the operating system is Windows Server 2012 R2, Windows Server 2012 is displayed.



Workaround: None. Windows 8.1 and Windows Server 2012 R2 work as expected despite the incorrect operating system displayed.



Conversion of a virtual machine with thick destination disk type of certain size fails on VSAN storage if it seems to have enough space

When performing disk-based conversion with thick destination disk type of certain size on VSAN storage, the creation of virtual machine might fail with the following error message:

Message: `com.vmware.vim.fault.InsufficientManagedDiskSpace`, even if it seems to have enough space.

Workaround: Change the destination disk type to thin.



Conversion of a source physical or virtual machine to a managed destination by using thick provisioned disks with large empty spaces on them, the conversion task might fail

When performing a disk-based cloning of a physical or virtual machine to a managed destination by using thick provisioned disks with large empty spaces on them, the conversion task might fail with an error message **Unable to clone disk**.

Workaround: If the error message **Unable to clone disk** appears on the virtual machine *virtual_machine_name*. The

error messages appear in the log file:

```
Warning 'Default' [ ,0] [NFC ERROR] NfcNetTcpRead: bRead:
```

```
Warning 'Default' [ ,0] [NFC ERROR] NfcNet_Recv:
```

```
264, received only 0 bytes
```

```
Warning 'Default' [ ,0] [NFC ERROR] NfcFile_Stream:
```

```
get message from source
```

```
Warning 'Default' [ ,0] [NFC ERROR] NFC_NETWORK_ERROR
```

The ESX server must return an acknowledgement after each processed NFC write. If the source sends a large block of zeroes that must be written it might take a long time for the ESX to return the acknowledgement. Thus, the Converter assumes that the connection is timed out and closes the connection, no matter that the ESX server is still writing to the target disk.

Workaround: Change the destination disk type to thin.

Conversion of a source physical or virtual machine to a managed destination by using thick provisioned disks with large empty spaces on them, the conversion task might fail

Workaround: Change the destination disk type to thin.

(<https://www.vmware.com/>)

ting hosted virtual machines with unpartitioned disks, you might not be able to are information about the source. In such case, the following error messages r in the worker log:



warning 'Default'] Partition:Invalid sector magic



warning 'Default'] ERROR: Failure during open: Reading .gnature

error 'Default'] [BaseDiskSetComputer::DoOpen] ks failed, mntapi error: 32.



! Remove the unpartitioned disks from the conversion job.



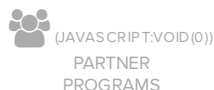
2V conversion job fails if you create a new conversion job for the same urce machine and use a different port to deploy the Converter Standalone



ing a P2V conversion job, you start creating another conversion job for the same Windows source machine, and specify a port for the connection, Converter leloys the Converter Standalone agent using the port you specified. If the ort is different from the one that is being used for the already running conversion s fail. The following error message appears in the Job summary tab for the first ob: FAILED: A general system error occurred: No n could be made because the target machine actively .t. The following error message appears in the Job summary tab for the second ob: FAILED: Unable to create a VSS snapshot of the source . Error code: 2147754774 (0x80042316).



copy running conversion or configuration jobs



he Copy As New wizard for a running configuration or conversion job when the irtual machine or a backup image and you click **Next**, the wizard displays the e Unable to obtain hardware information for the selected



! Wait for the job to complete before selecting **Copy as New** in its pop-up

ing of source images greater than 2GB to a network share that does not e files fails

ed clones from source images that are larger than 2GB to a network share that port large files (for example, to a Linux SMB share) fails. Converter Standalone it the source files into smaller chunks. If the source is larger than the supported e destination, the conversion tasks fails.

onversion job to convert a standalone VMware source with a VMDK file 2GB from a network share that does not support large files, fails

a standalone virtual machine source with VMDK file greater than 2GB residing on work location that does not support large files (for example, Linux SMB share), error message appears in the Converter wizard on clicking **Next** or **View** ils:

! obtain hardware information for the selected machine

(<https://www.vmware.com/>)



PRODUCTS

(JAVASCRIPT:VOID(0))



(JAVASCRIPT:VOID(0))

SOLUTIONS

(JAVASCRIPT:VOID(0))

SUPPORT



(JAVASCRIPT:VOID(0))

DOWNLOADS



(JAVASCRIPT:VOID(0))

PROFESSIONAL
SERVICES

(JAVASCRIPT:VOID(0))

PARTNER PROGRAMS



(JAVASCRIPT:VOID(0))

COMPANY

Converter Standalone cannot detect the power state of VMware Workstation or other hosted source virtual machines if they are located on a read-only network share. If the source machine is a Workstation or another VMware hosted source and is located on a network share with read-only permissions, Converter Standalone cannot detect if the source virtual machine is powered on or suspended. This might lead to data inconsistency on the destination virtual machine if changes are made to the powered on source virtual machine during conversion.

t the source virtual machine is powered off prior to conversion.

Write privileges to the network share where the source virtual machine resides.

jobs from and to ESX hosts that are not connected to vCenter Servers fail if
of disks on the source machine is more than nine

Converting a source machine that has more than nine disks, conversion fails with the error `Too many disks` or in the log file:

```
logout (ignored): Operation timed out
```

```
Impl::BIORead (3BBA4E8) timed out.
```

¹¹⁾Due to the limited number of NFC connections that can be established to ESX, ESX cannot be connected to vCenter Server instances.

1: Connect to the destination ESX host through a vCenter Server. In this case, the source disks is limited to 27 for ESX and to 23 for ESXi hosts.

source volumes with unrecognized file systems might prevent the destination lines from starting

When setting up a volume-based cloning task in one of the Converter Standalone volume names, the volume name might be missing in some rows of the **Source Volumes** tab. This Converter Standalone does not recognize the file system on those volumes. The virtual machine that is created as a result of such a conversion task might fail to boot. Nevertheless, Converter Standalone copies the source volume data to the destination volume using block-level copying.

- 1: configure the destination virtual machine after the conversion.

standalone VMware sources with a VMDK file greater than 2GB to a hosted VM that resides on a network share that does not support large files, fails

a standalone virtual machine source with VMDK file greater than 2GB and try to copy it to a hosted destination residing on a remote network location that does not support large files (for example, Linux SMB or NFS share), the conversion job might fail with one of the following error messages:

```
to connect to the virtual disk
```

```
server closed connection after 0 response bytes read
```

or occurred during an operation on a virtual disk

As successful, the following error message related to the VMDK file might appear when you destination virtual machine:

consistency errors

1:

n application window of Converter Standalone, right-click the failed job and

Go to Copy pane, select the volumes to copy and click **Advanced**.

(<https://www.vmware.com/>)

destination layout tab, select **Split not pre-allocated** or **Split pre-allocated** destination disk type.

Click **Next** to view a summary of the conversion job.



(JAVASCRIPT:VOID(0))
CLOUD SERVICES

Click **Next** to view a summary of the conversion job. Click **Finish** to resubmit the job.



PRODUCTS
(JAVASCRIPT:VOID(0))

Converter Standalone is unable to detect the system volume if it resides on a SCSI disk and the system volume is not present in the source machine.
If the source machine has SCSI and IDE disks, Converter is unable to detect the system volume if the system volume resides on a SCSI disk. Converter only checks the first IDE disk for the system volume. If the system volume is on a SCSI disk, Converter cannot detect the system volume.



(JAVASCRIPT:VOID(0))
SOLUTIONS

If the configuration of the source machine is modified while the Conversion wizard is running, you need to restart the conversion wizard if you want to view correct results.

Information details are retrieved per wizard session, as this is a time-consuming process. If some changes occur on the source machine (such as adding memory or hard disk space) after this information is retrieved, the Conversion wizard does not show information about these changes.

Tip: Restart the conversion wizard.

(JAVASCRIPT:VOID(0))
SUPPORT



(JAVASCRIPT:VOID(0))
DOWNLOADS

Converter Standalone source that contains file system errors might result in a damaged virtual machine image.

Tip: [a source that contains file system errors may result in a damaged copy \(KB 1006689\)](https://kb.vmware.com/kb/1006689) .



(JAVASCRIPT:VOID(0))
PROFESSIONAL
SERVICES

SSL handshake when converting over a WAN link

Converter Standalone does not support conversion over a WAN. When trying to perform a conversion over a WAN link, you might experience an SSL timeout because the timeout for the SSL handshake is two minutes.



(JAVASCRIPT:VOID(0))
PARTNER
PROGRAMS

Tip:

To avoid the two-minute handshake, perform a conversion to a hosted destination (for example, Workstation) in the same LAN.



(JAVASCRIPT:VOID(0))
COMPANY

Convert the source machine to a temporary virtual machine and send it over the WAN to the remote site.

If the remote destination is a Workstation virtual machine, this completes the conversion.

If the remote destination is ESX, import the Workstation virtual machine to the ESX host.

User Account Control (UAC) prevents installing Converter Standalone agent if you are not a default Administrator account to connect to a powered on source machine.

When you set up a task to convert a powered on source machine that runs Windows XP, Windows Vista, Windows 7, Windows Server 2012, or Windows 8 and you use a local Administrator account to log in to the source machine, the following error message might appear when you try to install Converter Standalone agent on the source machine: **Insufficient permissions to connect to xxxxxxxx.** Here xxxxxxxx is the IP address of the source machine. This is because Converter Standalone server cannot connect to the Converter Standalone agent when UAC is enabled and you are logged in to the source machine as a local Administrator.

(<https://www.vmware.com/>)

n the source operating system. For Windows Server 2012 and Windows 8, in isabling UAC, you must perform the following steps:

dows Start menu, type gpedit.msc. The **Local Group Policy Editor**



to **Computer Configuration > Windows Settings > Security Settings > Policies > Security Options.**



ie **Run all administrators in Admin Approval Mode** setting.



Configure Virtual Machine wizard does not display correctly the vDS port group

configure a virtual machine that uses dvSwitch and you navigate to the Network settings pane, the Network name text box does not display the name of the vDS or the port group name. Only port group is displayed instead.



Network transfer rate might not be correct

The network transfer rate might be higher than the actual one because of the compression used by the network protocol. This does not affect the network

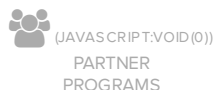


Adding a virtual machine to a domain might fail if you specify a fully qualified user name

Adding a virtual machine, you might not be able to add the virtual machine to a domain. If you use a fully qualified user name (DOMAIN_NAME\USER_NAME).



Tip: Specify the user name without including the domain name.



Conversion of a physical machine running Microsoft Windows XP or Windows Server 2003 to a virtual machine might fail if the BCD manager (Boot Manager for Windows Vista) and later might fail

When you convert a physical machine with a BCD manager, the P2V conversion might fail in the following cases:



Case 1: Windows Vista or later is installed on the source physical machine, which is a virtual machine currently running Microsoft Windows XP or Windows Server 2003.

Case 2: Windows Vista or later is installed as a second operating system on the source physical machine and later is removed, but the BCD manager is left on the source

Tip 1: In case of a dual-boot machine conversion :

1. If the source machine is running a later version of Windows (Windows Vista, Windows Server 2008, or Windows

Server 2008 R2), perform a physical source conversion.

2. If the source machine is running Windows XP or Windows Server 2003, create a newly created virtual machine, boot a repair CD for the earlier version of Windows (Windows XP or Windows Server 2003).

3. After the conversion is complete, remove the BCD manager and revert the operating system to its compatible boot

12: In case of converting a source machine running Windows XP or Windows Server CD manager:

(<https://www.vmware.com/>)

source machine, boot a repair CD of the corresponding operating system.



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the BCD manager and revert the operating system to its compatible boot



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information on how to repair BCD, see the Microsoft knowledge base article [Windows no longer after you install an earlier version of the Windows operating system in a dual-boot](http://support.microsoft.com/kb/919529) (<http://support.microsoft.com/kb/919529>) .



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job might fail with The specified parameter was not info.owner" message

Converter Standalone is installed in a client-server mode and you have connected by using a machine name which is the same as the computer name, submitting a job might fail with The specified parameter was not correct: "info.owner" message.

1: Connect by using a different user account with administrative rights.

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not be able to convert more than nine disks at once

Converter Standalone 4.0, conversion might fail if you try to convert more than nine disks.

Perform conversion in multiple steps to convert the disks in portions of up to nine. Then, submit a new conversion job to the target machine.



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sources



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When converting a source machine with Windows 2008 and above operating system, some conversion jobs may fail with the error message "The specified parameter was not correct: "info.owner" message". This is because the source machine may be offline or read-only (#1431445).



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Configuration of Windows virtual machines with multiple active partitions might not work properly (#990194).



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Conversion of a local powered on source machine fails at 1% (#561032)

Converter Standalone worker process stops responding if you try to copy a large file during guest operating system customization (#523936)

Subsequent P2V conversions of remote source machines that run 64-bit Windows Server might fail after a successful conversion (#389085_1)

Converter Standalone does not preserve disabled network adapters during conversion of physical machine sources that run on Windows (#381853)

Microsoft Windows Vista reboots repeatedly after customization (#359637)

Conversion of a source machine with FAT/FAT32 volume file system (#325823)

(https://www.vmware.com/)

Converter Standalone remote agent does not notify the user about Converter 3.0.x remote agents that have been installed on the source system during remote hot process (#358307)



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Previous Converter versions cannot convert source machines that have Converter 6.0 agent installed on them (#257908)



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Stopping Converter Standalone processes during file-level cloning might cause one that runs the Converter Standalone server service to restart (#501862)

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Converter Standalone does not change PIC HAL to APIC HAL during conversion of source machines (#385234)



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Owner name and organization are not displayed properly after customizing the operating system (#344260)



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Converter can convert FAT/FAT32 volumes during hot cloning only if the source has at least one NTFS volume (#328611)



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Converter Standalone agent does not start automatically after reboot (#313400)



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The source virtual machine does not have the appropriate drivers (#191562)

Prep deletes drive letter mappings during customization (#348080)

You cannot import a Windows source with "signature()" in the boot.ini file (#501345)

For a source machine with Windows 2008 and above operating system, some disks may be offline or read-only

For a source machine with Windows 2008 and above operating system, some destination VM may be offline or read-only.

Issue:

If a disk is offline, in the Disk Management console `diskmgmt.msc`, right-click the disk and select `Online`.

How to check disk status

1. Open Disk Management console.

'ART> select disk #

(<https://www.vmware.com/>) "#" is the number of disk in offline state.

'ART> attribute disk clear readonly



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'ART> online disk

: steps 2-4 for every offline disk.

'ART> exit



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on of Windows virtual machines with multiple active partitions might not



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; virtual machines with multiple active partitions, Converter Standalone might not
e boot partition and might not be able to complete the reconfiguration of the
irtual machine. In such cases, after the conversion job is 96-98% complete, the
ob status changes to Failed and an error message appears. For example:

nable to find the system volume, reconfiguration is not

In the Worker/Agent log this issue is identified by the following statement:

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ning 'Default'] ERROR: [Mntapi_GetFirstBootDisk] more
;* active volume found. Current active disk #0, another
sk #1.



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!1: Mark all non-boot active partitions on the destination machine as inactive and
tion on the destination machine.

Windows Recovery Console on the destination machine.



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art.exe.

art command prompt appears.

To list the available disks, enter `list disk`.



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ect disk <disk_number>.

To list the partitions on the selected disk, enter `list partition`.

ect partition <partition_number>.



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ctive.

eps 4-7 to mark another partition as inactive.

the destination machine.

erter Standalone and configure the destination machine.

!2: Mark all non-boot active partitions on the source machine as inactive and attempt to
rsion again.

urce machine, run `diskpart.exe`.

art command prompt appears.

To list the available disks, enter `list disk`.

ect disk <disk number>.

active.

(<https://www.vmware.com/>)

Steps 2-6 to mark another partition as inactive.

Restart Converter Standalone and start the conversion again.



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Conversion of a local powered on source machine fails at 1%

This local machine as a conversion source and a Converter Standalone agent on the destination machine. If the Converter Standalone version is installed on the source machine, the conversion task fails at 1%. The following error message appears in the Status line of the task:

Unable to create a VSS snapshot of the source volume(s). Error code: 127 (0x0000007F).

Use the Converter Standalone installer cannot upgrade previous versions of Converter Standalone agents.

Workaround: Manually uninstall Converter Standalone agent from the source machine and restart the conversion task.

Converter Standalone worker process stops responding if you try to copy a running job during guest operating system customization

Click a running configuration job and select **Copy As New** while the destination machine is being customized, Converter Standalone worker process stops responding.

Workaround: Wait for the configuration job to complete before you copy it.

P2V conversions of remote source machines that run 64-bit Windows Vista fail after a successful conversion

If you successfully convert a remote source machine that runs 64-bit Windows Vista, Windows Server 2008, or Windows 7 operating system and then try converting it again, the conversion fails with the error message Converter Standalone Agent Conversion failed on x.x.x.x Error code: 1603, where x.x.x.x is the IP address of the source machine.

This error message might occur if automatic uninstall of remote Converter Standalone agent failed during the first successful conversion.

Workaround: Restart the remote source machine and try running the conversion task again.

Converter Standalone does not preserve disabled network adapters during conversion of Windows Vista machine sources that run on Windows

During conversion of Windows source machines, Converter Standalone does not detect disabled network adapters on the source and does not preserve them on the destination machine.

Workaround: On the Options page of the Converter Standalone wizard, click **Networks** to select the network adapters to be preserved on the destination virtual machine.

Windows Vista reboots repeatedly after customization

During customization information might cause the destination virtual machine to reboot repeatedly if the source operating system is Microsoft Windows Vista. During the first configuration, if you choose to customize Microsoft Windows Vista and provide customization information, for example an invalid serial key, the customized machine reboots repeatedly. This is a known issue with Microsoft Windows Vista.

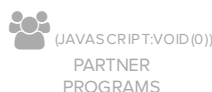
Workaround: Make sure that the provided customization information is valid.

Converter Standalone does not support cloning powered on Windows Server 2008

1. FAT/FAT32 volume file system

For more information, see the VMware Knowledge Base article on the Options page of the Converter Standalone wizard.

(<https://www.vmware.com/>)



Standalone remote agent does not notify the user about Converter 3.0.x or 4.0.x agents that have been installed on the source system during remote hot cloning

Standalone is converting a remote machine source that already has a remote agent version 3.0.x or 4.0.x, it uninstalls the old remote agent without issuing a warning message. This prevents older Converter versions from converting the machine later.

Older Converter versions cannot convert source machines that have Converter Standalone 6.0 agent installed on them

Converter Standalone 6.0 agent is deployed on the source machine during conversion. If an older Converter version is not uninstalled after the conversion, older Converter versions cannot deploy their agents on top of the newer Converter Standalone agent version. You cannot use previous Converter versions to convert sources that have already been converted with Converter Standalone 6.0.

!: Uninstall Converter Standalone 6.0 agent before trying to convert the source machine with an older Converter version.

Converter Standalone processes during file-level cloning might cause the host to run the Converter Standalone server service to restart

During file-level cloning of source systems that run Windows XP or Windows Server 2003, if the Converter Standalone process is forcibly stopped, the machine on which the process was running might automatically reboot.

Converter Standalone Integrated Worker

Converter Standalone Integrated Agent

Availability is not consistent and depends on the Windows version and patch level.

!: Do not stop any Converter Standalone services on the source machine during cloning. For more information and hot fix, check the Microsoft site [Error message 0x00000019: A fatal error occurred. A Write Failure event is reported in Windows Server 2003: "Stop 0x00000019: _PAGE_FAULT_IN_NONPAGED_AREA" or "Stop 0xCD PAGE_FAULT_BEYOND_END_OF_ALLOCATION" \(http://support.microsoft.com/?kbid=925259\)](#).

Converter Standalone does not change PIC HAL to APIC HAL during conversion of source machines

When Converter Standalone is running a Programmable Interrupt Controller (PIC) HAL, Converter Standalone does not change the PIC HAL to an Advanced Programmable Interrupt Controller (APIC) HAL in the destination virtual machine. As a result, the destination virtual machine might not or might fail to perform as expected. To find out which HAL is running, go to Device Manager and select **Computer** in the list of devices. If it displays Standard ACPI Configuration and Power Interface (ACPI) PC, you are running a PIC HAL.

!: VMware virtual machines are APIC computers. If your source computer is a PIC computer that runs a PIC HAL, you must update the HAL in the destination virtual machine to APIC before the conversion. For more information on configuring the correct HAL, check the VMware Web site [HAL options after Windows XP or Windows Server 2003 Setup \(http://support.microsoft.com/kb/309283\)](#).

Converter Standalone does not support running a PIC HAL on an APIC computer. If your source computer is running a PIC HAL, you must configure the correct HAL on the source

Character set

When specifying the guest operating system, Unicode characters used for owner name and

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on the Computer Information page do not appear the way they were set in the or the Configuration wizard.

ows operating systems except Windows Vista, customization parameters such and organization must use characters only from the local encoding of the profile of the guest. For example, you can use Japanese characters for the user a guest whose default user profile's local encoding is set to Japanese. These do not apply to Windows Vista guests because Windows Vista uses a UTF-8 L file to store the Microsoft sysprep parameters. Earlier versions of Windows use p.inf file, and the Microsoft Windows mini-setup process reads that file in the rg only.

!: Either avoid Unicode characters when assigning owner name and organization destination virtual machine, or use the workaround described at: <http://support.microsoft.com/kb/310441/> .

an convert FAT/FAT32 volumes during hot cloning only if the source machine one NTFS volume

achines running under Windows versions earlier than Windows Server 2008, snapshots of FAT/FAT32 volumes only if the source machine has at least one . For all operating systems that support volume-based cloning, you need at FS volume for VSS to work.

andalone agent does not start automatically after reboot

achine starts up too slowly, Converter Standalone agent might not start / after the source machine is restarted.

!: Start the Converter Standalone agent manually:

< My Computer and select **Manage**.

nputer Management window, select **Services and Applications > Services**

..

on the right, double-click **VMware Converter Standalone Agent**.

t to start the process.

ly followed by **OK**.

virtual machine does not have the appropriate drivers

g error message appears in the log file when reconfiguration fails because the drivers are missing from the source operating system:

find symmpi.sys in the specified CAB files
y observed in Windows Server 2003 SP1.

!:

ne virtual machine created during the failed conversion.

VMDK file containing the system folder to another Windows Server 2003 chine.

ne WINDOWS\Driver Cache\i386\driver.cab file in the destination chine with a version of the driver.cab file that includes the missing driver helper virtual machine.

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etes drive letter mappings during customization

When you select customization options and the destination virtual machine fails at a Please Wait the second sysprep reboot, you need to rerun the conversion task without drive letter mappings. This issue occurs because of a problem with Microsoft sysprep, which prevents drive letter mappings, preventing access to certain files.

Import a Windows source with "signature()" in the boot.ini file

When you import a Windows source with "signature()" in the boot.ini file. If you import a source with "signature()" in the boot.ini file, and try to reconfigure and convert it, the conversion fails and this results in a conversion error. If you try to convert the source configuration, the conversion succeeds but the destination cannot boot. For more information on "signature()" go to <http://support.microsoft.com/kb/227704> .

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SUSE Linux Enterprise Server 10 machine might not have network connectivity

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Virtual machines converted powered on Linux machines cannot start up (#1335095)

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Linux P2V conversion fails in the beginning with the following error message: 'A system error occurred: <source_server_dns_name>: Connection closed by remote host (623)

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P2V conversions of SLES 9 sources cannot complete, if the root directory is located on an LVM disk (#966424)

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Virtual machines cloned from SLES 11 SP1 sources to ESX/ESXi managed hosts do not boot in console mode (#969429)

Server might fail to start in destination virtual machines converted from sources that were previously running on Linux (#472647)

Workaround for failed cloning of standalone VMware sources to Linux SMB shared destination (#1335095)

The number of LVM logical volumes per volume group is limited to 12 for powered on sources (#364041)

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| <p>(https://www.vmware.com/)</p> <p>CLOUD SERVICES</p> <p>PRODUCTS</p> <p>(JAVASCRIPT:VOID(0))</p> <p>SOLUTIONS</p> <p>(JAVASCRIPT:VOID(0))</p> <p>SUPPORT</p> <p>(JAVASCRIPT:VOID(0))</p> <p>DOWNLOADS</p> <p>(JAVASCRIPT:VOID(0))</p> <p>PROFESSIONAL SERVICES</p> <p>(JAVASCRIPT:VOID(0))</p> <p>PARTNER PROGRAMS</p> <p>(JAVASCRIPT:VOID(0))</p> <p>COMPANY</p> <p>(JAVASCRIPT:VOID(0))</p> | <p>source volumes on top of volume managers other than LVM are not recognized</p> <p>version of powered on Linux machines (#363694)</p> <p>Converter Standalone does not recognize source volumes that reside on Linux RAID configurations (#363693)</p> <p>By default, Converter Standalone has a 20 minute timeout when waiting for the virtual machine to start up during Linux P2V conversion (#1112)</p> <p>These files are not preserved during conversion of powered on source machines that use the following file names (#358825)</p> <p>The destination virtual machine might not boot if you change the disk controller type when converting a Linux virtual machine (#383979)</p> <p>During conversion of powered on Linux machines, Converter Standalone does not convert Linux source volumes if they are mapped directly on a hard disk (#382110)</p> <p>Linux P2V jobs on ESX 5.0 target hosts fail if the name of the virtual machine is not in the Windows current system locale (#732131)</p> <p>SUSE Linux Enterprise Server 10 machine might not have network connectivity</p> <p>If you convert a SUSE Linux Enterprise Server 10 machine, the converted virtual machine might not have network connectivity.</p> <p>How to resolve network connectivity issues:</p> <p>1. Edit the file <code>/etc/udev/rules.d/30-net_persistent_names.rules.d/30-net_persistent_names.rules</code> file, comment out the lines that start with <code>ENV</code> and contain the old MAC addresses.</p> <p>2. Edit the file <code>/etc/sysconfig/network</code> directory. If there is no <code>ifcfg-eth0</code> file, create a file of the form <code>ifcfg-if-mac_address</code>, rename it to <code>ifcfg-eth0</code>.</p> <p>3. Restart the network service.</p> <p>Powered on Linux machines cannot start up</p> <p>If you convert a powered on Linux machine that has a non-standard LVM filter saved in the <code>conf</code> file, the converted virtual machine might fail to start up. The following message appears in the virtual machine console:</p> |
|---|--|

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onversion fails in the beginning with the following error message: 'A system error occurred: <source_server_dns_name>: connection closed by remote host'

machine sshd is configured to allow less than 3 unauthenticated connections, it will break the converter connection.

!: Check MaxStartups in /etc/ssh/sshd_config and ensure it is either 3 or higher.

Conversions of SLES 9 sources cannot complete, if the root directory is located on LVM.

To convert a physical SLES 9 source, Converter Standalone cannot complete the conversion if the root directory is located on an LVM disk. After the conversion job is complete, the job status changes to Failed and the following entry is added to the log:

```

An error occurred during the conversion: 'Failed to
unpack original lvm in initrd image: /usr/lib/vmware-
tools/restoreLvmInInitrd.sh failed with return code: 1, and
* Unpacking initrd image /mnt/p2v-src-root//boot/initrd
image: unsupported cpio format, use newc or crc ERROR: Unable to
unpack initrd image /mnt/p2v-src-root//boot/initrd '
!: Convert the LVM disk to a basic disk.
  
```

On the Options page of the Conversion wizard, click **Data to copy** in the options list.

Click **Advanced** and select the **Destination layout** tab.

Select the volume that contains the root directory and click **To basic**.

Linux machines cloned from SLES 11 SP1 sources to ESX/ESXi managed destinations fail to boot in console mode

After conversion, the destination virtual machine cannot load the GNOME Display Manager and boots in console mode. The following warning message appears:

```

DisplayFactory: maximum number of X display failures
reached. Please check X server log for errors.
!: Recreate the xorg.conf file.
  
```

Linux machines might fail to start in destination virtual machines converted from sources that use LVM.

When the destination virtual machine starts, X server might fail to start with an error Fatal server error. This is due to incompatibility issues between the display driver used in the source and the display adapter of the destination VMware virtual machine.

!:

Install VMware Tools on the destination virtual machine.

Configure the X server on the destination virtual machine to change the refresh rate and the resolution to match the source machine's resolution.

Conversion of standalone VMware sources to Linux SMB shared destination fails

Conversion tasks of VMware standalone sources to SMB shared destinations that run on Linux might fail with the following error:

```

...fault.FileIOFault.
  
```

!: If LVM logical volumes per volume group is limited to 42 for powered on

...ps into new disks on the destination virtual machine. The number of LVM logical

a source LVM volume group cannot exceed 12.

(<https://www.vmware.com/>)

!: Move volumes out of the new disk to other destination disks:

ptions page of the Conversion wizard, click **Data to copy**.



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Data copy type drop-down menu, select **Select Volumes to copy** and click **1**.



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Destination layout tab, select a volume to move and click **Move Up** or **Move** if it is moved to the destination disk.
move volumes between disks only if they are not Active /boot or System /



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To create a new destination disk, click **Add Disk**.

The Linux P2V helper virtual machine is powered off when the conversion job

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!: Manually disable this option in the converter-worker.xml file.

achine where Converter Standalone server runs, browse to the converter-xml file in the following location %ALLUSERSPROFILE%\Application
ware\VMware Converter Standalone\.



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converter-worker.xml file in a text editor and change the
ifHelperVm flag from true to false.



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Converter Standalone worker:
e system or open the Services section in the Microsoft Management
find the VMware Converter Worker service and restart it.



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ould be taken when this option is enabled and the helper VM network is configured to
address. After the conversion, the helper VM retains the statically configured IP because
g. Thus any subsequent Linux P2V jobs cannot use the same static IP until this helper VM
; or at least has its network interface disabled.



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owerOffHelperVm flag is useful when the useSourcePasswordInHelperVm Converter
rker flag is enabled. This allows users to log in to the helper virtual machine after

**mes on top of volume managers other than LVM are not recognized during
of powered on Linux machines**

andalone recognizes only managed source volumes that run on the LVM volume
er volume managers, including but not limited to Veritas Volume Manager
ot recognized.

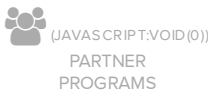
**andalone does not recognize source volumes that reside on Linux Software
urations**

ig of powered on Linux machines, Converter Standalone does not recognize
res that are part of a Software RAID configuration (also referred to as multiple
configurations).

**onverter Standalone has a 20 minute timeout when waiting for the helper
ine to start up during Linux P2V conversion**

ause a Linux P2V conversion task to fail due to connection timeout.

(<https://www.vmware.com/>)



Machine where Converter Standalone server runs, browse to the `converter-xml` file in the following location `%ALLUSERSPROFILE%\Application Data\VMware Converter Standalone\`.

`converter-worker.xml` file in a text editor and replace the default `LinuxP2VBootTimeout` with the necessary timeout value in milliseconds. The timeout value is measured in milliseconds. To specify the timeout in minutes, multiply the number of minutes by 60000 and use that value.

Converter Standalone worker:
Open the Services console or open the Services section in the Microsoft Management Console and find the VMware Converter Worker service and restart it.

are not preserved during conversion of powered on source machines that

Converter Standalone does not preserve sparse files on the source machine during P2V conversion. If you have large sparse files on the source, they are created as regular files in the destination virtual machine. This renders the used space on the destination virtual machine larger than that on the source machine. This might also cause the conversion task to timeout error.

!: Manually enable preserving sparse files during Linux conversions by modifying the `keepSparse` flag in the `converter-worker.xml` file.

Machine where Converter Standalone server runs, browse to the `converter-xml` file in the following location `%ALLUSERSPROFILE%\Application Data\VMware Converter Standalone\`.

`converter-worker.xml` file in a text editor and change the `keepsake` attribute from `false` to `true`.

Converter Standalone worker:
Open the Services console or open the Services section in the Microsoft Management Console and find the VMware Converter Worker service and restart it.

virtual machine might not boot if you change the disk controller type while converting a Linux virtual machine

On Linux machines, the root device can be defined using the block device name (such as `/dev/sda1`) in `/boot/grub/grub.conf`, `/boot/grub/menu.lst`, or `/etc/fstab`. If you change the disk controller type while converting the virtual machine, the virtual machine might not boot. This is because the root device now has a different name (for example, it might have been changed to `/dev/hda1`).

!: Configure the destination virtual machine manually. At the minimum, change the device name to reflect its new name in the destination virtual machine. To make your configuration more robust, use the volume label or UUID instead of the block device name.

Conversion of powered on Linux machines, Converter Standalone does not support Linux source volumes if they are mapped directly on a hard disk

!: Linux source volumes that are not managed by LVM must be located in a partition that Converter Standalone can recognize them during cloning of powered on machines.

Set the correct system locale, otherwise the helper machine cannot be connected and the

conversion fails.

(<https://www.vmware.com/>)

!: Before the conversion, enter the name of the virtual machine by using ASCII. After the conversion is complete, you can rename the virtual machine.

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!: Machines created from Acronis images that have dynamic volumes do not start up after conversion (#469089)



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!: Limitations when converting third-party images (#312036)

!: Separate backup images should be stored in separate folders (#157057)

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SUPPORT

!: Machines created from Acronis images that have dynamic volumes do not start up after conversion



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DOWNLOADS

!: True Image images of Windows Vista, Windows Server 2008, or Windows 7 that are not properly configured and do not start up after the conversion. The problem occurs if the active disk is located on a dynamic volume in the source.



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PROFESSIONAL
SERVICES

!:

!: New virtual machine using the vSphere Client.

!: Acronis True Image software to restore the image inside the new virtual machine.



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PARTNER
PROGRAMS

When converting third-party images

Converter Standalone to convert third-party virtual machines, system images, or system images with the following limitations:



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COMPANY

!: If systems with dynamic disks are not supported (ShadowProtect and Backup Exec System Recovery).

!: If the backup of a machine must be in a single folder that contains no other files (ShadowProtect and Backup Exec System Recovery).

!: Incremental images, up to 16 incremental backups are supported (ShadowProtect and Backup Exec System Recovery).

!: If systems with logical volumes are not supported if the logical drive is also a dynamic volume (only for ShadowProtect sources).

!: If the backup of a machine must be in a single folder that contains no other files (ShadowProtect and Backup Exec System Recovery).

!: Some VMware products have limited support for newer operating systems. For example, ESX 3.5 does not support Windows 7. The converted source operating system

(<https://www.vmware.com/>)

upported for the destination VMware platform. For a list of supported systems, see the [Guest Operating System Installation Guide](#).



Backup images should be stored in separate folders

Having more than one third-party backup in a single folder results in a failed migration.

!: Place each backup in its own folder before using Converter Standalone to migrate the image.

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Release Notes



Converter Standalone SDK 6.0

The Converter Standalone API provides language-neutral interfaces to the Converter Standalone server management framework.

The Converter Standalone SDK is a ZIP file that contains the following items.



The SDK code demonstrates common use cases for programmatically managing Converter Standalone server. The sample code includes Java and C# source code files. See the [Readme](#) files ([readme_java.htm](#) and [readme_dotnet.htm](#)) for information about building and using the samples.

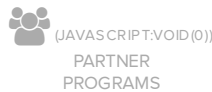


The [API Definition](#) file that defines the API available on Converter server.



The [API Definition](#) file, and shell scripts to automate the process of generating client-side stubs, and running the sample applications.

For developers, the Microsoft Visual Studio project files (.sln) have been included.



In addition to the documentation, the VMware vCenter Converter Standalone API Reference Guide, which provides language-neutral descriptive information (object type definitions, enumerations, and method signatures, for example) for the VMware vCenter Converter Standalone API 6.0.



Where to Get the Software

You can download the Converter Standalone SDK 6.0 from [here](https://www.vmware.com/community/vmtn/developer/forums/converterstandalone60) (<https://www.vmware.com/community/vmtn/developer/forums/converterstandalone60>).

Supported Platforms

The Converter Standalone 6.0 SDK is tested only on the supported Windows platforms. See [Supported Platforms](#) for more information.

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