

StarWind V2V Converter

2018

TECHNICAL PAPERS



Trademarks

“StarWind”, “StarWind Software” and the StarWind and the StarWind Software logos are registered trademarks of StarWind Software. “StarWind LSFS” is a trademark of StarWind Software which may be registered in some jurisdictions. All other trademarks are owned by their respective owners.

Changes

The material in this document is for information only and is subject to change without notice. While reasonable efforts have been made in the preparation of this document to assure its accuracy, StarWind Software assumes no liability resulting from errors or omissions in this document, or from the use of the information contained herein. StarWind Software reserves the right to make changes in the product design without reservation and without notification to its users.

Technical Support and Services

If you have questions about installing or using this software, check this and other documents first - you will find answers to most of your questions on the [Technical Papers](#) webpage or in [StarWind Forum](#). If you need further assistance, please [contact us](#) .

About StarWind

StarWind is a pioneer in virtualization and a company that participated in the development of this technology from its earliest days. Now the company is among the leading vendors of software and hardware hyper-converged solutions. The company’s core product is the years-proven StarWind Virtual SAN, which allows SMB and ROBO to benefit from cost-efficient hyperconverged IT infrastructure. Having earned a reputation of reliability, StarWind created a hardware product line and is actively tapping into hyperconverged and storage appliances market. In 2016, Gartner named StarWind “Cool Vendor for Compute Platforms” following the success and popularity of StarWind HyperConverged Appliance. StarWind partners with world-known companies: Microsoft, VMware, Veeam, Intel, Dell, Mellanox, Citrix, Western Digital, etc.

Copyright ©2009-2018 StarWind Software Inc.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written consent of StarWind Software.

Introduction To Starwind V2V Converter

StarWind **V2V Converter** allows the conversion of VMs from one format to another, basically “cloning” them and keeping the original file intact. Moreover, StarWind V2V Converter makes the conversion of a physical machine to a virtual machine faster without a need to deploy a virtual server from scratch. StarWind V2V Converter is also a convenient tool for the StarWind HyperConverged Appliance users, making a hypervisor switch a very easy task indeed. In case there’s a promising virtualization project without any initial investments, StarWind Virtual SAN Free would come in handy. Along with V2V Converter, it will make the virtualization admin’s life much easier, creating “shared nothing” fault-tolerant SAN on a couple of commodity servers.



StarWind V2V Converter Features

P2V – StarWind V2V Converter allows migrating physical environment to virtual one with a minimum interaction of IT administrator. With P2V feature there is no need to build VMs for a physical server from scratch as V2V will simply convert a physical box into a VM.

Conversion to and from the public cloud – StarWind V2V Converter supports conversion of VMs and virtual disks to/from the public cloud. Cross-cloud conversion is also supported.

Windows Repair Mode – StarWind V2V Converter makes migration between different hardware sets easier, supporting Windows Repair Mode during conversion to VHDX. This way, the VM automatically adapts to the given hardware environment, negating any compatibility problems.

Zero-Copy – StarWind V2V Converter allows easily converting VM formats directly from one hypervisor to another. Conversion process becomes simpler as there is no need to create copies of the source and destination VM files on the local machine.

Hypervisor Switch – StarWind V2V Converter supports all industry-standard hypervisors

including Microsoft Hyper-V, VMware ESXi, Citrix XenServer, and KVM. By converting VMs from and to any selected format, it allows easily migrating between different hypervisors.

Supported formats – StarWind V2V Converter supports all modern formats such as VMDK, VHDX/VHD, RAW IMG, QCOW2, and StarWind native IMG files. It works both ways, converting from and to any selected format, thus having better functionality than similar converters.

Important notice: StarWind V2V Converter does not support converting “on a fly,” thus the selected VM needs to be shut down first.

Learn more about conversion scenarios

at <https://www.starwindsoftware.com/v2v-help/Concept.html>

Installing Starwind V2V Converter








1. Download StarWind V2V Converter setup executable file from the StarWind website by following this link: <https://www.starwindsoftware.com/converter#download>.
2. Launch the downloaded setup file on the Server/PC where V2V Converter needs to be installed.
3. Read and accept the License Agreement.
4. Click Browse... to specify the path where V2V Converter will be installed and then click Next to continue.
5. Specify the Start Menu Folder. Click Next to continue.
6. Enable the checkbox to Create a desktop shortcut and click Next to continue.
7. Verify the installation settings. Click Back to make any changes or Install to continue.
8. Click Finish to exit Setup.

Select The Converting Option

See the conversion guides

at <https://www.starwindsoftware.com/v2v-help/UsingTheApplication.html>

Contacts

US Headquarters	EMEA and APAC
 +1 617 449 77 17	 +44 203 769 18 57 (UK)
 +1 617 507 58 45	 +49 800 100 68 26 (Germany)
 +1 866 790 26 46	 +34 629 03 07 17 (Spain and Portugal)
	 +7 495 975 94 39 (Russian Federation and CIS)

Customer Support Portal: <https://www.starwind.com/support>

Support Forum: <https://www.starwind.com/forums>

Sales: sales@starwind.com

General Information: info@starwind.com



StarWind Software, Inc. 100 Cummings Center Suite 224-C Beverly MA 01915, USA
www.starwind.com ©2021, StarWind Software Inc. All rights reserved.