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# VMware Converter How To Guide

### **Overview**

This outlines how to convert a PINsafe VMware image into an ESXi server using the VMware converter. For further information on importing and using the PINsafe VMware see VMWare How To Guide

## VMware format

The PINsafe appliance is distributed as a OVF file.

It is necessary to convert the OVF to VMDK.

## VMware OVF Tool

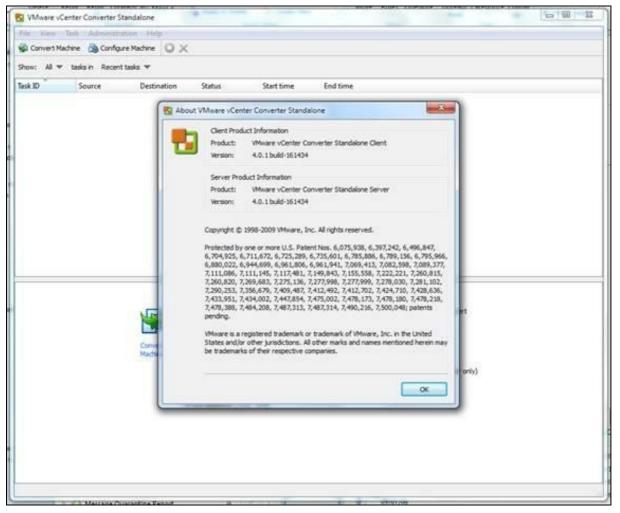
To convert OVF to VMware products use the VMWare stand-alone converter.

Unfortunately, the current version of the converter is not compatible with the distributed appliance. You need to use version 4.0.1 of the standalone converter, which is no longer available from VMWare. You can get it from our website:

http://fs.swivelsecure.com/files/vmware/VMware-converter-4.0.1-161434.exe

## Converting the VMware Format

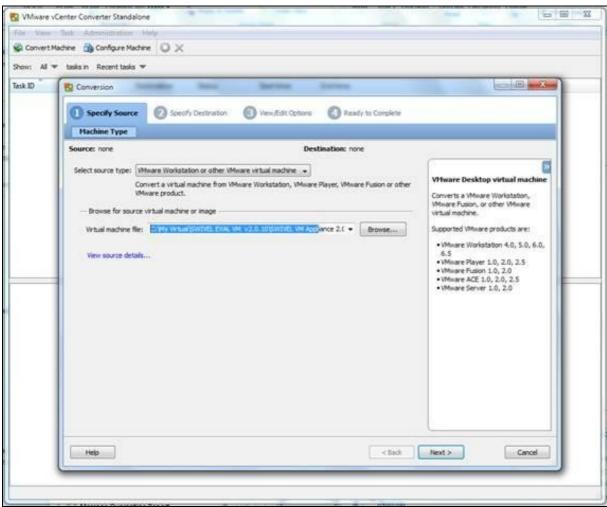
In this case we going to use VMWARE vCENTER Converter Standalone Server v 4.0.1



#### Configuration STEP 1

In the converter Select Convert Machine, then select Source type: Virtual Appliance

Enter the Virtual machine file: (Browse to the location SWIVEL VM Appliance), then click Next.



#### Configuration STEP 2

Select destination type: VMWARE Infrastructure Virtual Machine

Enter the VMware infrastructure server details, IP/hostname, Username, Password for the ESXi server, then click Next

	onversion Specify Source	Specify Destination     Image: Specify Destination     Image: Specify Destination     Image: Specify Destination     Image: Specify Destination	piete
	Destination Type	Host,Riesource	
Se	lect destination type: 	58.1.100 +	VPhware Infrastructure destination Creates a virtual machine that a Whoare Infrastructure product manages. Supported Whware Infrastructure products: • ESX Server 3.0, 3.5 and 4.0. • ESX Server 3.0, 3.5 and 4.0. • ESX Server 3.0, 3.5 and 4.0. • Whware VCenter Server 2.0, 2.5 and 4.0
			Bad: Next > Cancel

If the credentials are correct then the ESXi details are seen

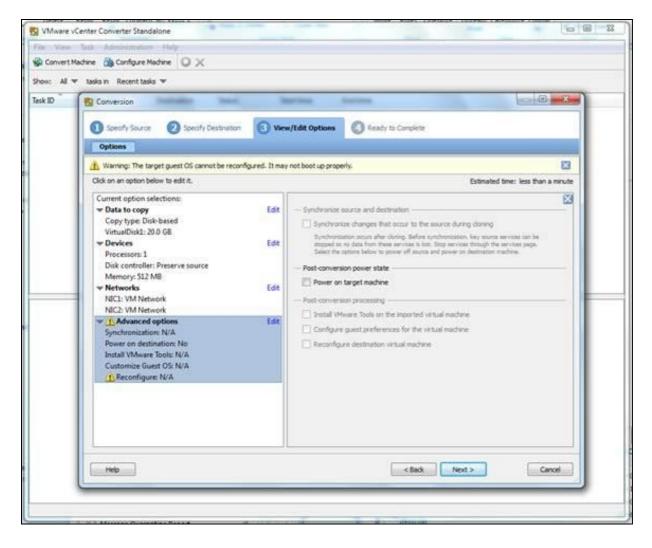
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Source: C: VY Whai/SWITE 2.0.10/SWITE VM Applance 2.0.10 vmx Destination: S SWITE VM Applance 2.0.10 on 192.168.1.100  Inventory for: 152.168.1.100  Vitual machine ngme SWITEL VM Applance 2.0.10  Total source data size: 20.68	1 Specify Source O Specify Destination	🕢 View/Edit Options 🛛 🕜 Ready to Complete	
Inventory for: 192.168.1.100 <ul> <li>Virtual machine name</li> <li>SWIVEL VM Applance 2.0.10</li> <li>Total source dalss size: 20.68</li> <li></li></ul>	Destination Type Host/Resource		
Where Infrastructure destination     Where Infrastructure destination     SWIVEL VM Applance 2.0.10     Total source dalsa size: 20.08	Source: 👸 C: My Wrtuel/SWIVE_2.0.10(SWIVEL VM	Appliance 2.0. 10. vmx Destination: 🌚 SWIVEL VM Applia	ce 2.0.10 on 192.168.1.100
Witware Infrastructure     destination         Vitware Infrastructure     destination     SWIVEL VM Applance 2.0.10     Total source daks size: 20.68	Inventory for: 192, 168, 1, 100		5
features and do not read to	dhcppc6.localdomain	SWIVEL VM Applance 2.0. 10 Total source daks size: 20 G8 Qatastore datastore1 • Capacity: 69 G8 Free: 60 G8 Type: VMFS – Virtual machine gension	destination Select the destination host or resource pool in a host to place the destination withal machine. Clusters and duster- level resource pools are not supported. Specify a name and select a datastore in which to place the destination virtual machine. It is advisable to choose a datastore that is large enough to accommodate all virtual machine files. Virtual machine versions: • Version 4: Recommended when sharing storage or virtual machines with ESX Server versions of you need the latest virtual machine files.

Enter the Virtual machine version, for ESXi 3.5 or 4 select Version 4 then click on Next.

Configuration STEP 3

Conversion	Source	2 Specify Destination Host/Resource	View,Edit Options	Ready to Complete		
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Help	1			< Back	Next >	Cancel

VMware Convert may not detect the OS, this can be ignored and click Next.



### Configuration STEP 4

A summary of the information is then displayed, if all details are correct click on Finish to start the conversion.

n Conversion	Serai Martina Dartina	- <b>6</b> - X
Specify Source 🛛 Speci	fy Destination 🔞 Werk/Edit Options 🚺 Ready to Complete	
Summary	Torestation O restatione O Ready to complete	
and the second s		
Source: 🔂 C:Wy Wrtual(SWTV0	10/SWIVEL VM Applance 2.0.10.vmx Destination: 🌚 SWIVEL VM Appla	nce 2.0.10 on dhoppo5.localdomain
		1
Source System Informatio Source type:	n VMware Workstation or other VMware virtual machine	Ready to Complete
Patho	C: My Virtual/SWIVEL EVAL VM v2.0.10/SWIVEL VM Applance 2.0.10.vmx	Displays read-only summary
	는 가슴에 여러 가려 가려면 가지 않는 것 같은 것 같은 것이 있다. 것 같은 것이 같은 것이 있는 것 같은 것이 있는 것 같은 것이 있는 것 같은 것이 있는 것이 있는 것이 있다. 것 같은 것이 가 같이 같이 같이 같이 같이 같이 있다. 것은 것은 것은 것은 것이 있는 것이 같이 있는 것이 같이 있는 것이 같이 있는 것이 같이 있는 것이 없다. 것이 같이 있는 것이 없는 것이 없는 것이 없는 것 같이 같이 같이 같이 같이 같이 같이 있는 것이 같이 있는 것이 같이 있다. 것이 같이 많이 많이 많이 많이 없는 것이 없는 것이 없는 것이 없는 것이 없다. 것이 없는 것이 없는 것이 없는 것이 없	information and validates task
Destination System Inform Virtual machine name:	sation SWIVEL VM Applance 2.0.10	parameters. To edit a setting, navigate
Host/Server:	192.168.1.100	back to its page and apply the changes
Connected as:	root	there.
VM folder:	None	
Host system:	dhcppo5.localdomain	
Resource pook	Default	
Power on after conversion: Number of CPUs:	No. 1	
Physical memory:	512 MB	
Network	Preserve NIC count	
NOC1	Connected	
	VM Network	
NIC2	Connected	
Storage:	VM Network Disk-based Cloning	
Number of disks:	1	
Create disk 0 as:	Monolithic Flat Disk	
Configuration files Datastore:		
Destination Customization		
Not customized		
[		
Help	< Back	Finish Cancel

### The VMware conversion process starts.

If conversion fails at this point, you may need to delete the .mf file and try again.

v: Al ♥ tasks in Rece	nt tasks 🐨				
ID Source	Destination Status M. 192.168.1.100/5., Ronning	Start time	End time Estimated time remaining: 1 min		
20 1: Hanning Task Progress Conversion Status	Source: C:Wy Vetua		WIVEL IM Applance 2.0. 10. vmx. Des Log Highlights	struction: 192, 168, 1, 100/5741	NEL VM Applance 2.0. Exportinge

The Estimated time for conversion is displayed. This will normally take between 30 minutes and 2 hours.

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Show: Al ♥ tasks in Recent tasks ♥		
Tesk ID Source Destination Status Start time End time		
1\SWIVEL VM 192.168.1.300/S 3% 01/04/2010 16:4 Estimated time remaining: 30 minute(s)	aining: 30 minute(s)	

Completion is shown under the status

Mivere vCenter Conve	rter Standalone						
View Task Adm	the state of the s						
Convert Machine 🍓 C	onfigure Machine	< .					
w: All 🕶 tasks in f	lecent tasks 🐨						
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Task Progr Conversion Status Type: Created:	Convert virtual machine 01/04/2010 16:49:45 b	to virtual machine		Log Highlights 01/04/2010 18:06:43 01/04/2010 18:06:37	Updating the bool	t sectors on the tar g disk 0 on the virtu	Export Lo get machine. al machine SVITVEL VM
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and a state of the	Convert virtual machine 0 1/04/2010 18:+9:45 b Completed 0 1/04/2010 18:+9:46 0 1/04/2010 18:+9:46	r to virtual machine ny arocha		Log Highlights 01/04/2010 18:06:43 01/04/2010 18:06:37 01/04/2010 16:50:07 01/04/2010 16:50:05	Updating the bool Completed doning Starting to done of Created the virtu	t sectors on the tar 2 disk 0 on the virtual disk 0 on the virtual al machine "SWIVEL	Export Lo oper machine, al machine SWIVEL VM (machine SWIVEL VM A
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In the VMware vSphere Client and the VMWARE ESXi we can see the Swivel VM.

#### Select Power on the virtual machine.



Recent Tasks								
Name	Tarpet	Status	Details	Initiated by	Requested Start Ti	Start Time	Completed Time	1
Name Power On virtual mechine	B SWITELYMAL	Completed		3001	01/04/2010 19:14:52	01/04/2010 19:14:52	01/04/2010 19:14:55	

The Virtual Machine Console can then be launched

File	Edit	View	Invent	ory A	dmin	istratio	n Plu	g-ins	Help
			Home	₽₫	🖪 Inv	/entory	▶ 🗒	Inve	entory
	00		9	0		D	2	B	
8		168.1.					La	unch	Virtual Machine Console
		SWIVE	. VM Ap	pliance	2.0.1			Setting	Started Summary R

The PINsafe Virtual Appliance can now be configured.

# Troubleshooting