

The purpose of this document is to provide you with the required steps to convert a VirtualBox OVA Image into VMware supported OVF Format. I've done this to install daloRadius on my ESX Server.

First you have to add the downloaded OVA Image into VirtualBox. Make sure you have started the Virtual Appliance once. This will make sure, you going to export a working appliance.

🧃 Oracle VM VirtualBox Manager	r		
File Machine Help			
🗿 Virtual Media Manager	Ctrl+D		
👩 Import Appliance	Ctrl+I		Details 💿 Snapshots
R Export Appliance	Ctrl+E		
Preferences	Ctrl+G	🧕 General	Preview
V Exit	Ctrl+Q	Name: daloRADIUS VM Operating System: Ubuntu	
		System	
Mininet-VM Powered Off		Base Memory: 512 MB Boot Order: Hard Disk Acceleration: VT-x/AMD-V, Nested Paging, PAE/NX	daloRADIUS VM
Ubuntu for SDN Powered Off			
daloRADIUS VM Powered Off		Display	
		Video Memory: 12 MB Remote Desktop Server: Disabled	

Do not select the "Write legacy OVF" checkbox and keep it als an OVA File.



In the end, you will have one file:





DISCLAIMER

This Technical Tip or TechNote is provided as information only. I cannot make any guarantee, either explicit or implied, as to its accuracy to specific system installations / configurations. Readers should consult each Vendor for further information or support.

Although I believe the information provided in this document to be accurate at the time of writing, I reserve the right to modify, update, retract or otherwise change the information contained within for any rea and without notice. This technote has been created after studying the material and / or practical evaluation by myself. All liability for use of the information presented here remains with the user Next, I'm going to open the new OVA File into VMware Player.



Click on Open a Virtual Machine and browse to the exported OVA File you've done before



VirtualBox and VMware aren't perfectly compatible, so you will most likely receive a warning message saying the the file "did not pass OVF specification conformance" – but if you click Retry, the virtual machine should import and function properly





In a short while, the OVA File is ready to go.



Now power it on and see, if you can connect to.

daloRadius	- VMware Player (Non-commercial use only)	
<u>P</u> layer ▼	• 🗄 💻	🐻 🛛 😽 📮 🤅	s 🗊 🖻 🖶 👔
TurnKey L	inux Configur	ation Console	
		LAMP appliance services	1_
	Web:	http://192.168.10.4 https://192.168.10.4	
	Web shell:	https://192.168.10.4:12320	
	Webmin: PHPMuAdmin:	https://192.168.10.4:12321	
	SSH/SFTP:	root@192.168.10.4 (port 22)	
	THIDAM (D1		
	IKLBHM (Bac)	up and Higration): NOI INITIALIZED	
	T	where Deployee and Claud Deployment	
	Iui	https://hub.turnkeylinux.org	
		CHavancea nenu>	

Shut down the appliance and get ready for the final conversion



Select the source sy	stem you want to convert				
ource System Jestination System	Source: none	Destination: none			
Options Summary	Select source type:	VMware Workstation or other VMware virtual machine	-		
	Convert a virtual machine from VMware Workstation, VMware Player, VMware Fusion or other VMware product.				
	Browse for source	virtual machine or image			
	Virtual machine file	F:\Virtual Machines\daloRadius\daloRadius.vmx	-	Browse	
	Man course data	b.			
	view source deca	0			

Make sure, your ESX Server is running because the conversion will upload the new file to it.



Name the Virtual Machine

ource System	Source: 🔮 F:\Virtual Machines\daldius\	daloRadius.vmx Destination: 🗐 daloRadiu	s on esx-2.bemsel.ho
estination System Destination Virtual Mach	Name: daloRadius		
estination Location Options	Inventory for: esx-2.bemsel.home	Search for name with:	Clear
ummary	VM name	Power state	
	ADA-ESX2 Boston-PKTR-Tool CA Network Automation Minsoft Snap ProC Securty-Arcot Securty-Arcot Securty-Arcot Securty-Arcot Securty-Starepont2010_04.6 Securty-Starepont2010_0	Running Powered off Powered Powere Powered Powere Powered Powere Powere Powered Powere Powered Powere Powere Powere Powere Powere Powere P	E
	Refresh		











Select the datastore, where you want to store the new virtual machine.



There is no need to change anything during the conversion. I usually install and make changes afterwards.



There is no need It doesn't take that long to convert that small image.

Review the conversion para	imeters		
Source System S	iource: 🍘 F:\Virtual Machines\dal	dius\daloRadius.vmx Destination: 🚳 daloRadius on esx-2.	.bemsel.ho
Destination Virtual Machine	Source system information		
Destination Location Options Summary	Source type: Path: CPU throttling: Network throttling:	VMware Workstation or other VMware virtual machine F:Wrtual Machines/daloRadius/daloRadius.vmx None None	
	Destination system information	0	
	Virtual machine name: HostBever: Connected as: VM folder: Host system: Resource pool: Power on after conversion. Number of CPUs: Physical memory: Network: NIC1 Disk controller type: Storage: Create disk as: Create disk as:	daloFadaula eas-2 bemsel home root None beneal home Default No 1 512 UB Preserve NIC count Connected Connected Default Preserve NIC count Disk-based doning 1 Monothin C at d isk	E
	Computation mes datastore.	Galastorez	



VMware vCenter Converter Standalone							
Elle <u>V</u> iew <u>T</u> ask <u>A</u> dministration <u>H</u> elp							
Sonvert Mach	🚱 Convert Machine 🔹 Configure Machine 🔍 🗙						
<u>S</u> how: All ▼ tasks in Recent tasks ▼							
Task ID	Source		Destination	Status	Start time	End time	
i ² 27	F:\Virtual Machines\daloRadius	s\daloRadius.vmx	esx-2.bemsel.h	 Completed 	06.12.2013 11:58:40	06.12.2013 12:02:04	

Now, give it a try and power on the new virtual machine.



Now, you are good to go.

I've seen some guidelines on the internet to convert from VirtualBox direct to ESX by modifying the OFV Template, but that's more time consuming and higher error rate. The additional step to import into the Player was more error free.

