



[VULNIT]

Vulnerability
Identification Tool

VulnIT deployment guide

(in OVA format)

1) VMware ESX(i) 3.5 / VMware vSphere (Hypervisor) 4 / 5

1.1) Using VMware vSphere Client

The VMware hypervisor supports OVF/OVA file import.

Ref: <http://www.vmware.com/products/vsphere-hypervisor/index.html>

Note: this procedure only works on vSphere (Hypervisor) 4 / ESX(i) 3.5 and above.

Procedure:

- Start the OVF template deployment tool;
- Indicate the .ova file location;
- Follow the remaining steps of the assistant in order to deploy the VM to your ESX(i) server.

2) VMware Server / Player / Workstation

2.1) Using VMware ovftool

OvfTool is a command-line tool allowing OVF & OVA import/export.

Ref: <http://communities.vmware.com/community/vmtn/vsphere/automationtools/ovf>

The full documentation is available on VMware website:

Ref: http://www.vmware.com/support/developer/ovf/ovf10/ovftool_10_userguide.pdf

Procedure:

- <FOLDER > indicates the folder where the virtual machines are stored;
- Execute ovftool:
>> ovftool.exe VulnIT-VM-x.y.ova <FOLDER>
- Import this newly created virtual machine on VMware server.

Sample execution trace:

```
>> ovftool.exe VulnIT-VM- x.y.ova ./
Opening OVA source: VulnIT-VM- x.y.ova
Opening VMX target: ./
Writing VMX file: VulnIT-VM- x.y \VulnIT-VM- x.y.vmx
Disk Transfer Completed
Completed successfully
```

3) Oracle VirtualBox

OVF/OVA import is supported by Oracle VirtualBox, starting from 4.0.0 version.

Procedure:

- Start the virtual appliance import assistant;
- Indicate the .ova file location;
- Follow the remaining steps of the assistant.

4) Xen

Use XenConvert.

Ref: <http://citrix.com/English/ss/downloads/details.asp?downloadId=2306318&productId=683148>

Procedure:

- Start XenConvert;
- Select « Open Virtualisation Format package » as input format;
- Select « XenServer » as output format;
- Indicate the .ova file location, uncheck the « verify author » checkbox;
- Follow the remaining steps of the assistant.

5) Microsoft Hyper-V

Utiliser XenConvert, in version 2.3.1 maximum.

Ref: <http://citrix.com/English/ss/downloads/details.asp?downloadId=2306318&productId=683148>

XenConvert allows converting your VM in VMDK format (which you can generate following the 2.1 chapter above) in VHD, compatible with Hyper-V.

Note: XenConvert displays a warning at the end of the conversion, which you can ignore.

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