

Overview

The VMWare module

- will detect automatically any new Virtual machines.
- collect data from the ESX and Virtual machines.

Configuration

You must enable the Vsphere source in the file `/etc/shinken/modules/sync-vmware.cfg`

Here is the list of parameters required by the module.

- The default column show the value that it is used by the module if the Shinken Administrator didn't not set

Property	Default (if not set)	Description
enable	0	1 - Activate the module 0 - Viewed in the interface, but don't collect data.
vcenter	<i>vcenter.fqdn.com</i>	FQDN (Fully Qualified Domain Name) or IP Address of the vSphere server.
user	<i>DOMAINuser</i>	User used to connect to the vSphere server. Must be a read-only account.
password	<i>PASSWORD</i>	Password for the user access.
esx_templates	<i>esx</i>	Host template to set on the detected esx or esxi hosts.
vm_templates	<i>vmware-vm</i>	Host template to set on the detected virtual servers.

Definition Example

Here there an example of the module definition:

```
define module{
  enable          1
  module_name     sync-vmware
  module_type     sync-vmware
  check_esx_path  /var/lib/shinken/libexec/synchronizer/esx_discovery.pl
  vcenter         myesx.ovh.com
  user           admin
  password        XYZ
  esx_templates   esx
  vm_templates    vmware-vm
}
```

Automatic templates for Virtual Server based on their OS

Some host templates are automatically added to the detected Virtual Server, based on the value set on the vSphere data (VM definition and/or the VMWare tools).

Here is the list of the host templates that are automatically added:

- centos
- debian
- debian5
- debian6
- fedora
- linux
- oracle-linux
- redhat
- redhat4
- redhat5
- redhat6
- windows
- windows-datacenter
- windows-enterprise
- windows2000
- windows2003
- windows2008
- windows2008r2
- windows2012
- windows7
- windowsnt
- windowsvista
- windowsxp

Mutiple ESX

=> Define an additional VMWare source module. You can have as many VMWare source modules as you need.

To add an ESX to your monitoring environment:

1. Duplicate the `cfg` file
 - for example, `sync-vmware.cfg` => `sync-vmware-EU.cfg`
2. Update parameters inside `sync-vmware-EU.cfg` pointing to the new ESX
 - at minimum, you need to change `module_name` and `vcenter` parameters
 - => `module_name` `sync-vmware_EU`
 - => `vcenter` `myesx-EU.ovh.com`
3. Edit the file `/etc/shinken/synchronizers/synchronizer-master.cfg`
 - Edit the line sources
 - `sources` `syncui, cfg-file-shinken, active-dir, sync-vmware, sync-vmware-EU, cfg-file-nagios, discovery`
4. Restart the synchronizer
 - => `service shinken restart synchronizer`