

vmware

Library scope: global
Named arguments: supported

Introduction

provides function for VMware ESXI

Although this module provides some keywords for interact with the console (WebConsole), they only support very primitive actions. Do not use this to accomplish complex tasks. Instead, using VChannel through a SSH/Telnet channel.

Shortcuts

Capture Mks Screenshot · Get Mks Ticket · Get Vm Id · Get Vm List · Get Vm Power State · Open Console · Power Off · Power On · Reset Capture Counter · Send Mks Cmd · Send Mks Key · Set Capture Format

Keywords

Keyword	Arguments	Documentation																														
Capture Mks Screenshot	self, filename=None, extra=	<p>Captures the current web console to <i>filename</i></p> <p>If <i>filename</i> is <code>None</code>, the captured filename will be decided by the current <code>format</code> with an auto-increment counter and a <code>extra</code> at the end.</p> <p>Example:</p> <table><tr><td>Hypervisor.Capture MKS Screenshot</td><td># will create a file console_0000000001.png</td><td></td></tr><tr><td>Hypervisor.Capture MKS Screenshot</td><td>xxx.png</td><td># will create a file xxx.png</td></tr><tr><td>Hypervisor.Capture MKS Screenshot</td><td># will create a file console_0000000002.png</td><td></td></tr></table>	Hypervisor.Capture MKS Screenshot	# will create a file console_0000000001.png		Hypervisor.Capture MKS Screenshot	xxx.png	# will create a file xxx.png	Hypervisor.Capture MKS Screenshot	# will create a file console_0000000002.png																						
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Get Mks Ticket	self, vm_name	Returns a MSK ticket for WebConsole																														
Get Vm Id	self, vm_name	Returns a VMID of a VM																														
Get Vm List	self	Returns current VM name list of the hypervisor																														
Get Vm Power State	self, vm_name	<p>Get vm power status</p> <p>Return <code>on</code> or <code>off</code></p>																														
Open Console	self, vm_name	<p>Opens a web console for a VM <i>vm_name</i></p> <p>Examples:</p> <table><tr><td>Hypervisor.Set Capture Format</td><td>console_%010d</td><td></td></tr><tr><td>Open Console</td><td>\${VM_NAME}</td><td></td></tr><tr><td>Hypervisor.Capture MKS Screenshot</td><td></td><td></td></tr><tr><td>Send MKS Cmd</td><td>root</td><td></td></tr><tr><td>Send MKS Cmd</td><td>password</td><td>wait=10s</td></tr><tr><td>Send MKS Cmd</td><td>ls</td><td></td></tr><tr><td>Hypervisor.Capture MKS Screenshot</td><td></td><td></td></tr><tr><td>Send MKS Key</td><td>\${CTRL_L}</td><td></td></tr><tr><td>Send MKS Cmd</td><td>whoami</td><td></td></tr><tr><td>Hypervisor.Capture MKS Screenshot</td><td></td><td></td></tr></table>	Hypervisor. Set Capture Format	console_%010d		Open Console	\${VM_NAME}		Hypervisor. Capture MKS Screenshot			Send MKS Cmd	root		Send MKS Cmd	password	wait=10s	Send MKS Cmd	ls		Hypervisor. Capture MKS Screenshot			Send MKS Key	\${CTRL_L}		Send MKS Cmd	whoami		Hypervisor.Capture MKS Screenshot		
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Power Off	self, vm_name, graceful=True	<p>Shutowns a VM</p> <p>If <i>graceful</i> is <code>True</code>, a graceful shutdown is tried before a power off.</p> <p>Note: if VMware tools is not install on the VM, graceful shutdown is not available</p>																														
Power On	self, vm_name	Power on a VM																														
Reset Capture Counter	self																															
Send Mks Cmd	self, cmd, wait=2s	<p>Sends command to current web console and wait for a while</p> <p>By default, <i>wait</i> time is <code>2s</code> and the keyword will automaticall add a <code>Newline</code> char after sending the <i>cmd</i></p>																														
Send Mks Key	self, key, wait=1s	<p>Sends key strokes to current web console</p> <p>Special Ctrl char could be use by <code>\${CTRL_A}</code> to <code>\${CTRL_Z}</code></p> <p>Examples:</p> <table><tr><td>Send MKS Key</td><td><code>\${CTRL_L}</code></td></tr></table>	Send MKS Key	<code>\${CTRL_L}</code>																												
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Set Capture Format	self, format	<p>Set console capture format</p> <p>Initialized format is <code>'vmware_%010d'</code></p>																														

