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vSLM - INSTALLATION GUIDE

INTRODUCTION

vSLM is a virtual appliance that runs under a variety of virtual machine managers, including VMware. It can be launched on a desktop or server, and used to administer secure IT management products. vSLM is available for download in different versions show below from www.lantronix.com/vslm for trial which can be converted to the full version following the vSLM – Perpetual License Activation Guide.

- 1. VMware (32-bit) Version
- 2. OVF (Open Virtualization Format) Version

HARDWARE REQUIREMENTS

Specification	Minimum	Recommended
Processor	3.0 GHz Intel Pentium 4 dual- core or AMD equivalent	1.8 GHz Intel Core i5 dual-core or faster or AMD equivalent (Hardware Virtualization support recommended)
RAM	2 GB	4 GB or higher
Disk Space	60 GB HDD	1 TB HDD or higher
Ethernet	1 (Bridged)	1 (Bridged)

INSTRUCTIONS | VMWARE WORKSTATION

- 1. Download vSLM from www.lantronix.com/vslm.
 - a. For Workstation, download the *.vmwarevm version.
- 2. Extract files and save files on a local disk.
- 3. Launch VMware Workstation.
- 4. Click on **Open Existing VM or Team.**





5. Browse to the folder where vSLM was saved and double click on the file.

📴 Open				×
		✓ 4 ₂		٩
Organize 🔻 New folder			• •	0
🔶 Favorites	Name	Date modified	Туре	Size
📃 Desktop	vSLM-version.vmx		VMware virtual m	
〕 Downloads				
🔛 Recent Places				
 ☐ Libraries ☐ Documents ∂ Music ☐ Pictures ☐ Videos [] Computer 				
Windows/_OS (C				
Removable Disk i 🔨				
File nar	ne:	▼ VMwa Op	re Workstation Files (*.vn en 🔽 Cancel	

6. Power on vSLM by clicking on **Power on this virtual machine** in the VMware Workstation console.



Wait until vSLM completely boots up. At the login screen, enter default username and password.
 Default username = sysadmin | Password = PASS

SLM - VMware Workstation		
File Edit View VM Team	Windows Help	
🗖 🖬 🕞 🧐 🕼 🗊		
Sidebar ×	A Home 🗙 🔀 YSLM 🛛 🗙	
Powered On	Lantronix SLM	
Favorites	SLMAAA8 login: _	
To direct input to this VM, click inside	e or press Ctrl+G.	

8. A quick start wizard will appear upon first boot-up. Configure the appliance with an IP address. You may select DHCP or assign the IP statically.





9. After configuration is complete, proceed to log into the web manager by launching a web browser.

	Table: Etherne	Fie et Device ▼ Na	eld: Value: lame 🔻	Search	Reset	Logout
Login:						
Submit						

VM Workstation System Settings:



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INSTRUCTIONS | VMWARE WORKSTATION

- 1. Download vSLM from www.lantronix.com/vslm.
 - a. For ESX and ESXi, download the *.OVF version.
- 2. Extract files and save files on a local disk.
- 3. Launch vSphere client.
- 4. Click on File → Deploy OVF Template.

0	🕜 172.19.100.37 - vSphere Client				
	File	Edit View Inventory Adm	ninis	stration Plug-ins Help	
		New	F	ntory 🕨 🛐 Inventory	
		Deploy OVF Template			
_		Export	۲		
ſ		Report	۲	localhost.eng.lantronix.com. int.lantronix.co	
		Browse VA Marketplace		Getting Started Summary Virtual Machines	
		Print Maps	F	Hardware	
		Exit		Health Status	

5. Click on the browse button and browse to the **SLM.OVF** file.

Deploy OVF Template Source Select the source location.	
Source OVF Template Details Name and Location Storage Disk Format Ready to Complete	Deploy from a file or URL Image: CenterMobileAccess-ovflyCenterMobileAccess-1.1.0.55.ovfly Browse Enter a URL to download and install the OVF package from the Internet, or specify a location accessible from your computer, such as a local hard drive, a network share, or a CD/DVD drive.
Help	< Back Next > Cancel



- 6. Click **Next** button.
- 7. Verify the OVF template details and click **Next.**

Verify OVF template details.					
Source					
OVF Template Details End User License Agreement	Product:	VSLM			
Name and Location Storage	Version:	Version			
Disk Format Network Mapping	Vendor:	Lantronix, Inc.			
Ready to Complete	Publisher:	No certificate present			
	Download size:	549.1 MB			
	Size on disk:	1.5 GB (thin provisioned) 60.0 GB (thick provisioned)			
	Description:				
Help			< Back	Next >	Cancel

8. Review the End User License Agreement and click Accept.

🕝 Deploy OVF Template		- • •
End User License Agreement Accept the end user license a	greements.	
Source OVF Template Details		
End User License Agreem	VSLM END USER LICENSE AGREEMENT IMPORTANT - READ CAREFULLY: This End User License Agreement (TEULA') is a legal agreement between the Recipient (either an individual or on behalf of an entity) ('Recipient'', 'you'' or 'you''') and Lantronix, Inc. ('Lantronix'). RECIPIENT REPRESENTS HE/SHE IS AT LEAST 18 YEARS OF AGE, HAS THE AUTHORITY TO ENTER INTO THIS AGREEMENT, AND HEREBY AGREES TO DE BOUND BY THE TERMS OF THIS EULA BY OPENING THIS SEALED MEDIA PACKAGE, CLICKING 'I ACCEPT' INSTALLING, DOWINLOADING, OR OTHERWISE USING THE SPODUCT IN WHICH THE SOFTWARE MAY BE EMBEDDED. IF YOU DO NOT AGREE, ARE NOT AT LEAST 18 YEARS OF AGE, OR DO NOT HAVE THE AUTHORITY TO ENTER INTO THIS AGREEMENT, DO NOT OPEN, INSTALL OR USE THE SOFTWARE OR THE PRODUCT IN WHICH IT MAY BE EMBEDDED. 1. DEFINITIONS. a. 'Software' means the proprietary computer software	A H
< >	Accompanying this EULA and associated media, printed materials and "online" or electronic documentation, each of which are owned or duly licensed by Lantronix. Software	τ.
Help	<u>≤Back</u> Next≥	Cancel



9. Specify a new name or leave vSLM as default and click Next.

🕜 Deploy OVF Template	
Name and Location Specify a name and locatio	n for the deployed template
Source OVF Template Details End User License Agreement Name and Location Disk Format Ready to Complete	Name: vstv The name can contain up to 80 characters and it must be unique within the inventory folder.
Help	Cancel

- 10. Specify a location (if you have more than one option).
- 11. The format should be **Thick provisioned format**. If you see more than one Thick provisioned option, leave it as "lazy zeroed." Click **Next**.

🖉 Deploy OVF Template	
Disk Format In which format do you wa	nt to store the virtual disks?
Source OVF Template Details End User License Agreement Name and Location Disk Format Ready to Complete	Information about the selected datastore: Name: datastore 1 Capacity: 293.0 GB Free space: 172.4 GB Select a format in which to store the virtual machines virtual disks: C Thin provisioned format The storage is allocated on demand as data is written to the virtual disks. This is supported only on VMFS3 and newer datastores. Other types of datastores might create thick disks. Estimated disk usage: 1.5 GB C Thick provisioned format All storage is allocated immediately. Estimated disk usage: 60.0 GB
Help	≤ Back Next ≥ Cancel



12. Review and verify the configuration and click Finish.

Deploy OVF Template Ready to Complete Are these the options you	want to use?		23
Source OVF Template Details End User License Acreement Name and Location Storace Disk Format Network Mapping Ready to Complete	When you dick Finish, the deplo Deployment settings: OVF file: Download size: Size on disk: Name: Folde: Host/Cluste: SpecificHost: Datastore: Disk provisioning: Network Mapping: Power on after deployment	yment task will be started. F:\VSLM-version.OVF\vSLM-version.ovf 549.1 MB 60.0 GB vSLM UNIX LTX-UCS-01 Itx-esx lantronix.com LTX-ESX-06-LOCAL Thick Provision Lazy Zeroed "bridged" to "Management"	
Help		< Back Finish Cance	a

13. A deploying status window will appear.



14. Confirmation once deployment has successfully completed.





15. Power on the vSLM.

🕝 172.19.100.37 - vSphere Client				
Ele £dit View Inventory Administration Plug-ins Help				
💽 💽 🏠 Home 🕽 🛃 Inventory 🔊 🕅 Inventory				
VELY 3.40 Ceeting Startes Summary Resource Allocation Reformance General Memory: 2048 MB Memory: 2048 M	Event Consumed Host CPU: Consumed Host CPU: Refresh Storage: Usage Consided Host Memory: Refresh Storage: 60.00 GB Not-shared Storage: 60.00 GB Used Storage: 60.00 GB Used Storage: 60.00 GB Versioned Type * Whetwork Type VM Network Standard switch network			
Recent Tasks	Name, Target or Status contains: - Clear ×			
Name Target Status Details Initiated by Rec	juested Start Ti Start Time Completed Time			
v: Unregister virtualmach ⊕ vSLM-3.40-Chr ♥ Completed root 9/4, Deploy OVF template 172.19.100.37 ♥ Completed 9/4,	/2012 9:03:11 AM 9/4/2012 9:03:11 AM 9/4/2012 9:02:13 AM /2012 9:02:13 AM 9/4/2012 9:02:13 AM 9/4/2012 9:04:34 AM			
Tasks	Evaluation Mode: 2 days remaining froot			

16. Log into vSLM from the VMware host system and configure an IP address.Default username = sysadmin | Password = PASS

Lantronix SLM		
SLMAAA8 login: _		



17. A quick start wizard will appear upon first bootup. Configure the appliance with an IP address. You may select DHCP or assign the IP statically.

Welcome to the Secure Lay Firmware revision: 3.4b Login name: sysadmin Authentication type: Loca	ntronix Managem 11 User	ent Appliance	
vSLM License: 30 days re	naining		
Login time: Tue Sep 18 1 For a list of commands,	':26:41 2012 Cype 'help'.		
[sysadmin@SLMAAA8]> admin	n quicksetup		
Quick Setup will now ste) you through c	onfiguring a fe	ω basic settings.
The current settings are You can accept the curre	shown in brack it setting for	ets ('[]'). each question bị) pressing <return>.</return>
Ethernet Port and De: The SLM has two ethernet Current settings are:	`ault Gateway ports, Port 1	and Port 2.	
Port State IP address	Subnet mask	Mode	IPv4 filter
1 DHCP 172.18.100 2 Disabled 0.0.0.0 Configure Port 1 or 2: [.21 255.255.0.0 0.0.0.0	Auto-negotiate Auto-negotiate	(None) (None)

18. After configuration is complete, proceed to log into the web manager by launching a web browser.

	Table: Ethernet Device ▼	Field: Name ▼	Value: Search	Reset	Logout
Login: Password:					
Submit					

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Virtual Machine Settings:

🖉 vSLM 3.4bRC4-2 - Virtual Mac	hine Properties		
Hardware Options Resources			Virtual Machine Version: 7
	1	Memory Confi	figuration
Show All Devices	Add Remove	255 GB	
Hardware	Summary		
Memory	2048 MB	128 GB	Maximum recommended for this
CPUs	1	64 GB 🚽	guest OS: 64 GB.
📃 Video card	Video card		Maximum recommended for best performance: 3996 MB.
VMCI device	Restricted	32 GBH	Default recommended for this
SCSI controller 0	LSI Logic Parallel	16 GB	 guest OS: 256 MB.
😅 Hard disk 1	Virtual Disk		Minimum recommended for this
Network adapter 1	VM Network	000	guest OS: 32 MB.
Network adapter 2	VM Network	4 GB 🚽	
USB controller	Present	2.00	
		2 90	
		1 GB	
		512 MB	
		512 110	
		256 MB	
		128 MB	
		64 MB	
		32 MB 🚽	
		16 MB	
		8 MB	
		4 MD	
1		םיין ד	
Help			OK Cancel