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#### Installation Procedure for ESX, ESXi from vSphere Client

- 1. Download vSLM from <a href="http://ftp.lantronix.com/pub/slm/vslm">http://ftp.lantronix.com/pub/slm/vslm</a>
- 2. For ESX and ESXi, download the \*.OVF version
- 3. Extract files and save files on a local disk
- 4. Launch vSphere client
- 5. Click on File, Deploy OVF Template...



6. 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  CenterMobileAccess-ovflvCenterMobileAccess-1.1.0.55.ovr  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



#### 7. Click Next button

8. Verify the OVF template details and click Next

🖉 Deploy OVF Template				- • •
<b>OVF Template Details</b> Verify OVF template details				
Source OVF Template Details End User License Agreement Name and Location Disk Format Ready to Complete	Product: Version: Vendor: Publisher: Download size: Size on disk: Description:	vSLM 3.4b Lantronix, Inc. No certificate present 541.7 MB 1.5 GB (thin provisioned) 60.0 GB (thick provisioned)		
Help			<u>≤</u> Back Next ≥	Cancel

9. Review the End User License Agreement and click Accept

Deploy OVF Temp End User License Accept the end	late Agreement user license agreements.	- • •
Source OVF Template Deta End User License Name and Location Disk Format Ready to Complete	Agreem  SAgreem  SAg	
<	1. DEFINITIONS.     a. "Software" means the proprietary computer software     (regardless of format or media in which distributed)     accompanying this EULA and associated media, printed     materials and "online" or electronic documentation, each     of which are owned or duly licensed by Lantronix. Software <u>Accept</u>	Ŧ
Help	<u>≤</u> Back Next ≥	Cancel



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

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

- 11. Specify a location (if you have more than one option)
- 12. 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	int to store the virtual disks?
Source OVF Template Details End User License Agreement Name and Location <b>Disk Format</b> 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	Sack Next ≥ Cancel



#### 13. Review and verify the configuration and click Finish

Ready to Complete Are these the options you	want to use?	
Source OVF Template Details End User License Agreement Name and Location Storage Disk Format Network Mapping Ready to Complete	When you dick Finish, the depl Deployment settings: OVF file: Download size: Size on disk: Name: Folder: Host/Cluster: Specific Host: Datastore: Disk provisioning: Network Mapping:	oyment task will be started. F:\vSLM-3.4b.OVF\vSLM-3.4b.ovf 549.1 MB 60.0 GB vSLM UNDX LTX-UCS-01 Ib:-esx lantronix.com LTX-ESX-06-1.OCAL Thick Provision Lazy Zeroed "bridged" to "Management"
	Power on after deployment	
Help		< Back Finish Cancel

#### 14. A deploying disk status window will appear



15. Confirmation once deployment has successfully completed



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#### 16. Power on the vSLM

2 172.19.100.37 - vSphere Client	
<u>File Edit View Inventory Administration Plug-ins H</u> elp	
💽 💽 🏠 Home 🕨 🚓 Inventory 🕨 🎁 Inventory	
🔲 II 🕨 🧐 🔯 🖓 😰 🕪 🧇	
Image: State in the state	Resources         Consumed Host CPU:         Consumed Host Memory:         Active Guest Memory:         Refresh Storage:         62.00 GB         Used Storage:         60.00 GB         Datastore         293.00 GB         Otatastore1         293.00 GB         VM Network         Type         Network         Yum Network
Recent Tasks           Name         Target         Status         Details         Initiated by         Require           ♥] Unregister virtualmach         ⊕] VSLM-3.4b-Chr         © Completed         root         9/47           ♥] Deploy Of templete         172.19.10.37         © Completed         9/47	Name, Target or Status contains: ▼         Clear         ×           ested Start Tim, ←         Start Time         Completed Time         012 9:03:11 AM         9/4/2012 9:03:11 AM         9/4/2012 9:03:11 AM         9/4/2012 9:03:13 AM         9/4/2
S Tasks	Evaluation Mode: 2 days remaining root //

17. Log into vSLM from the VMware host system and configure an IP address.The default username = sysadmin password = PASS



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18. 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.



19. After configuration is complete, you may proceed to log into the web manager by launching a web browser such as Mozilla Firefox

Firefox 🔻						
🔚 Lantronix SLM256	+					
← ▲ https://172.18.100.21			☆ ≂ C	🚼 ₹ Google	٩	♠ 🖸 -
	Table: Ethernet Device	Field: Name	•	Value:	Search	Reset
Login: Password:	Submit					

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### Virtual machine settings:

🖉 vSLM 3.4bRC4-2 - Virtual Machir	ne Properties	
Hardware Options Resources	Add Remove	Virtual Machine Version: 7 Memory Configuration
Hardware	Summany	255 GB Memory Size: 2 式 GB 💌
Memory     CPUs     CPUs     Video card     VMCI device     SCSI controller 0     Hard disk 1     Network adapter 1     Network adapter 2     USB controller	2048 MB 1 Video card Restricted LSI Logic Parallel Virtual Disk VM Network VM Network Present	Maximum recommended for this       9 guest DS: 64 GB.       32 GB.       9 guest DS: 256 MB.       16 GB.       9 guest DS: 256 MB.       9 guest DS: 32 MB.
		2 GB = 1 GB = 512 MB = 256 MB = 128 MB = 4 128 MB = 32 MB = 4 16 MB = 8 MB = 4 MB = 4 MB =
Help		OK Cancel



#### vSLM License Activation

- 1. Log into the command line interface of the vSLM as **sysadmin** by using SSH, or CLI login from the VMware console.
- 2. At the command prompt, issue command: admin signature show



- 3. Copy the signature string, in this example it is db5d4ce6438dba10e26c1c7ce135224a
- 4. If you haven't done so already, contact Lantronix sales at **800-526-8766** to order a vSLM license, part number: **VSLM-01** and provide the signature string
- After order processing is complete, Lantronix will send via email the license activation key Example: VSLM license key: SsIKOkwlyQ==
- 6. After receiving the license activation key, log back into the vSLM



 Issue the following command on the vSLM to activate the license: admin option SLMVM value [INSERT KEY] Example: admin option SLMVM value SsIKOkwlyQ==

📴 172.18.100.28 - PuTTY	3
Lantronix SLM	*
Using keyboard-interactive authentication. Password: Last login: Sun Sep 23 09:55:40 2012 from q-testcomp70.support.int.lantronix.com Welcome to the Secure Lantronix Management Appliance Firmware revision: 3.4b Login name: sysadmin Authentication type: Local User	
vSLM License: 27 days remaining Login time: Sun Sep 23 10:45:17 2012	=
For a list of commands, type 'help'.	
[sysadmin@SLMAAA8]> admin signature show Signature: db5d4ce6438dba10e26c1c7ce135224a [sysadmin@SLMAA8]> [sysadmin@SLMAAA8]> [sysadmin@SLMAA8]>	
[sysadmin@SLMAAA8]> admin option SLMVM value SsIKOkwlyQ== License option was successfully added. Reboot for changes to take effect. [sysadmin@SLMAAA8]>	-

- 8. Once the license activation key is successfully applied a confirmation message appears "License option was successfully added. Reboot for changes to take effect."
- 9. Reboot the vSLM with this command: admin reboot
- 10. Type Yes to continue



11. Congratulations! License activation is now complete.