# How to install vRealize Log Insight v8.1.1.0

In this post, I will show you the steps for installing vRealize Log Insight. I am going to use OVA file. I upload the file to Host ESX2 datastore. Created a folder in the datastore called Software and upload OVA file. Now we will use OVA file to start the install process.

You can visit the link for more info about the product -https://docs.vmware.com/en/vRealize-Log-Insight/index.html
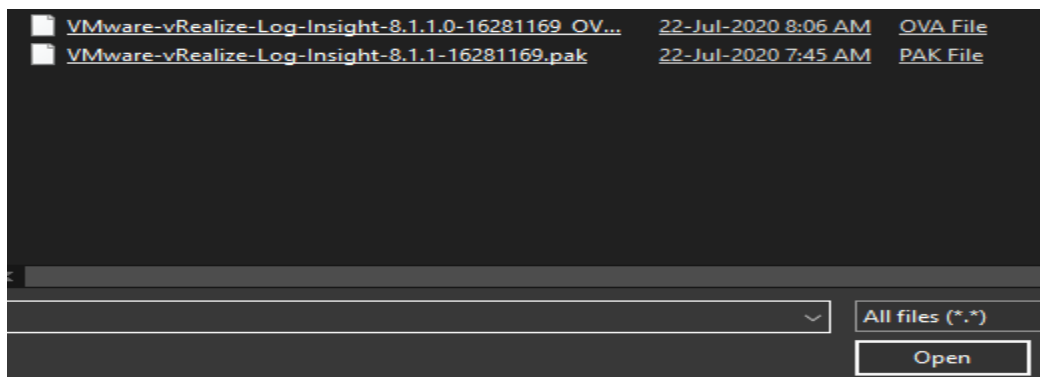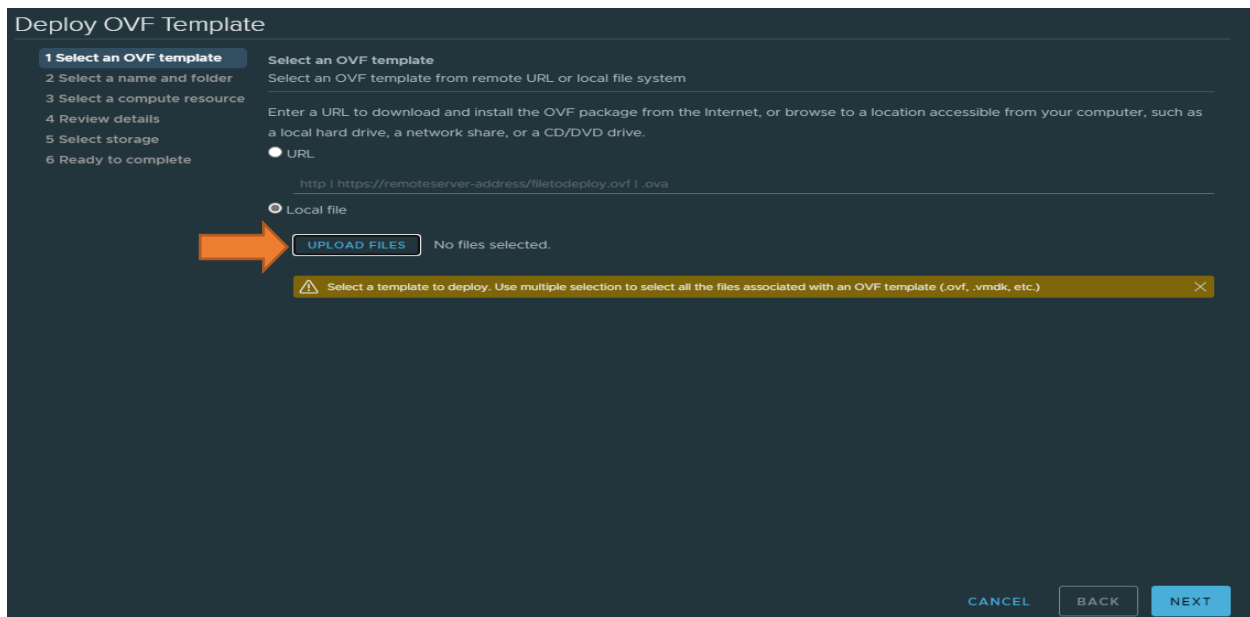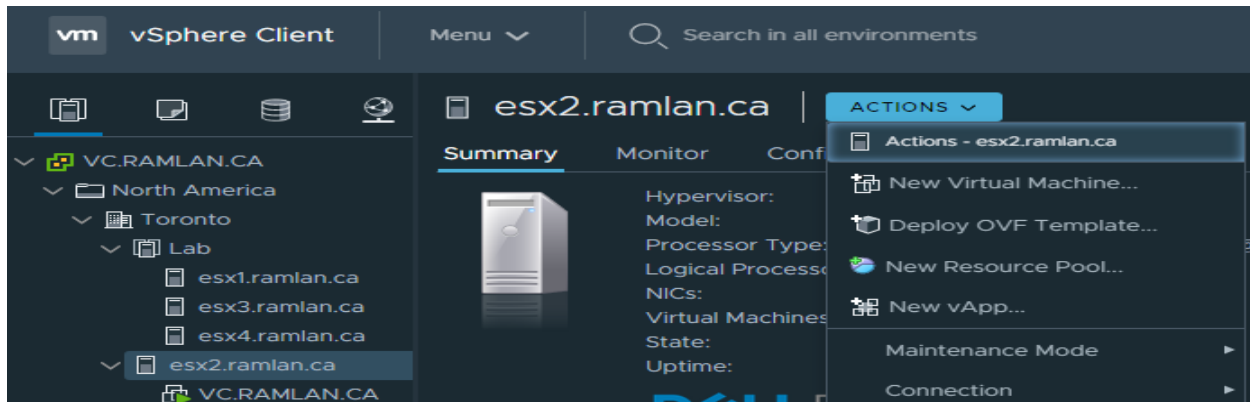
Deploy OVF Template

- ✓ **1 Select an OVF template**
- **2 Select a name and folder**
- 3 Select a compute resource
- 4 Review details
- 5 Select storage
- 6 Ready to complete

Select a name and folder
Specify a unique name and target location

Virtual machine name: VMware-vRealize-Log-Insight-8.1.1.0-16281169_OVF10

Select a location for the virtual machine.

- ∨ 🔲 VC.RAMLAN.CA
  - ∨ 🗂 North America
    - › 🏢 Toronto

CANCEL   BACK   NEXT

Deploy OVF Template

- ✓ 1 Select an OVF template
- ✓ 2 Select a name and folder
- **3 Select a compute resource**
- 4 Review details
- 5 Select storage
- 6 Ready to complete

Select a compute resource
Select the destination compute resource for this operation

- ∨ 🏢 Toronto
  - › 📑 Lab
  - › 📑 esx2.ramlan.ca

Compatibility

✓ Compatibility checks succeeded.

CANCEL   BACK   NEXT

Deploy OVF Template

Review details
Verify the template details.

Publisher	VMware\, Inc. (Trusted certificate)
Product	VMware vCenter Log Insight
Version	8.1.1.0
Vendor	VMware Inc.
Description	VMware vRealize Log Insight
Download size	1.4 GB
Size on disk	2.1 GB (thin provisioned) 530.0 GB (thick provisioned)

CANCEL   BACK   NEXT

Deploy OVF Template

License agreements
The end-user license agreement must be accepted.

Read and accept the terms for the license agreement.

> VMWARE END USER LICENSE AGREEMENT
>
> PLEASE NOTE THAT THE TERMS OF THIS END USER LICENSE AGREEMENT
> SHALL GOVERN YOUR USE OF THE SOFTWARE, REGARDLESS OF ANY
> TERMS THAT MAY APPEAR DURING THE INSTALLATION OF THE SOFTWARE.
> IMPORTANT-READ CAREFULLY: BY DOWNLOADING, INSTALLING, OR USING
> THE SOFTWARE, YOU (THE INDIVIDUAL OR LEGAL ENTITY) AGREE TO BE
> BOUND BY THE TERMS OF THIS END USER LICENSE AGREEMENT ("EULA"). IF
> YOU DO NOT AGREE TO THE TERMS OF THIS EULA, YOU MUST NOT
> DOWNLOAD, INSTALL, OR USE THE SOFTWARE, AND YOU MUST DELETE OR
> RETURN THE UNUSED SOFTWARE TO THE VENDOR FROM WHICH YOU
> ACQUIRED IT WITHIN THIRTY (30) DAYS AND REQUEST A REFUND OF THE
> LICENSE FEE, IF ANY, THAT YOU PAID FOR THE SOFTWARE.
> EVALUATION LICENSE. If You are licensing the Software for evaluation purposes,

☑ I accept all license agreements.

CANCEL   BACK   NEXT

Deploy OVF Template

✔ 1 Select an OVF template
✔ 2 Select a name and folder
✔ 3 Select a compute resource
✔ 4 Review details
✔ 5 License agreements
6 Configuration
7 Select storage
8 Select networks
9 Customize template
10 Ready to complete

Configuration

Select a deployment configuration

⦿ Extra Small	
○ Small	
○ Medium	
○ Large	

4 Items

Description

IMPORTANT: This configuration is intended for proof-of-concept or test environments and should not be used in a production environment. This configuration supports up to 20 ESXi hosts (~200 events/second or ~3GB/day) and requires the following: * 2 CPUs (minimum 2.0GHz) * 4GB RAM * 510GB of storage (490GB for event storage) - thick provisioned, eager zeroed highly recommended * VM hardware version 11 or greater (vSphere 6.0 or greater)

CANCEL   BACK   NEXT

Deploy OVF Template

✔ 1 Select an OVF template
✔ 2 Select a name and folder
✔ 3 Select a compute resource
✔ 4 Review details
✔ 5 License agreements
✔ 6 Configuration
7 Select storage
8 Select networks
9 Customize template
10 Ready to complete

Select storage

Select the storage for the configuration and disk files

☐ Encrypt this virtual machine (Requires Key Management Server)

Select virtual disk format: Thin Provision   ⌄

VM Storage Policy: Datastore Default   ⌄

Name	Capacity	Provisioned	Free	Type	Cluster
🗄 datastore1	104.75 GB	495.61 GB	28.69 GB	VMFS 6	
🗄 SATAHD	465.5 GB	1.41 GB	464.09 GB	VMFS 6	

Compatibility

✔ Compatibility checks succeeded.

CANCEL   BACK   NEXT

Deploy OVF Template

- ✓ 1 Select an OVF template
- ✓ 2 Select a name and folder
- ✓ 3 Select a compute resource
- ✓ 4 Review details
- ✓ 5 License agreements
- ✓ 6 Configuration
- ✓ 7 Select storage
- **8 Select networks**
- 9 Customize template
- 10 Ready to complete

Select networks
Select a destination network for each source network.

Source Network ▼	Destination Network
Network 1	VM Network ⌄

1 items

IP Allocation Settings

IP allocation: Static - Manual

IP protocol: IPv4 ⌄

CANCEL   BACK   NEXT

Deploy OVF Template

- ✓ 1 Select an OVF template
- ✓ 2 Select a name and folder
- ✓ 3 Select a compute resource
- ✓ 4 Review details
- ✓ 5 License agreements
- ✓ 6 Configuration
- ✓ 7 Select storage
- ✓ 8 Select networks
- **9 Customize template**
- 10 Ready to complete

Customize template
Customize the deployment properties of this software solution.

✓ All properties have valid values   ✕

⌄ Application	4 settings
Prefer IPv6 addresses	Give preference to IPv6 addresses when both IPv4/IPv6 are available. ☐
Initial root password	This will be used as an initial password for the root user account. Password •••••••• Confirm Password ••••••••
Hostname	The hostname or the fully qualified domain name for this VM. Leave blank if DHCP is desired. vrealize
SSH Public Key	An SSH Public Key can be set if desired, disabling password authentication. If blank during initial deployment, SSH will be configured per the Root Password option above. Entering a new SSH Public Key will append to (not override) the already configured Public Key(s).

⌄ Networking Properties	6 settings
Default Gateway	The default gateway address for this VM. Leave blank if DHCP is desired.

CANCEL   BACK   NEXT

Deploy OVF Template

Password option above. Entering a new SSH Public Key will append to (not override) the already configured Public Key(s).

∨ Networking Properties	6 settings
Default Gateway	The default gateway address for this VM. Leave blank if DHCP is desired.
	192.168.0.1
Domain Name	The domain name of this VM. Leave blank if DHCP is desired.
	ramlan.ca
Domain Search Path	The domain search path (comma or space separated domain names) for this VM. Leave blank if DHCP is desired.
Domain Name Servers	The domain name server IP Addresses for this VM (comma separated). Leave blank if DHCP is desired.
	192.168.0.2
Network 1 IP Address	The IP address for this interface. Leave blank if DHCP is desired.
	192.168.0.126
Network 1 Netmask	The netmask or prefix for this interface. Leave blank if DHCP is desired.
	255.255.255.0

CANCEL   BACK   NEXT

Deploy OVF Template

Ready to complete
Click Finish to start creation.

Name	VMware-vRealize-Log-Insight-8.1.1.0-16281169_OVF10
Template name	VMware-vRealize-Log-Insight-8.1.1.0-16281169_OVF10
Download size	1.4 GB
Size on disk	2.1 GB
Folder	Toronto
Resource	esx2.ramlan.ca
Storage mapping	1
All disks	Datastore: SATAHD; Format: Thin provision
Network mapping	1
Network 1	VM Network
IP allocation settings	
IP protocol	IPV4
IP allocation	Static - Manual

CANCEL   BACK   FINISH

Recent Tasks   Alarms

Task Name	∨	Target	∨	Status	∨	Details	∨	Initiator	∨
Import OVF package		📄 esx2.ramlan.ca		0% ⊗				vsphere.local\Administrator	

Task Name	Target	Status	Details	Initiator	Queued For
Deploy OVF template	VMware-vRealize-Log-Insi...	50% ⊗	Copying Virtual Machine configuration	VSPHERE.LOCAL\vpxd-extensi...	240 ms
Import OVF package	esx2.ramlan.ca	52% ⊗		vsphere.local\Administrator	100 ms

Recent Tasks   Alarms

Task Name	Target	Status	Details	Initiator	Queued For	Start Time ↓
Deploy OVF template	VMware-vRealize-Log-Insi...	✓ Completed	Copying Virtual Machine configuration	VSPHERE.LOCAL\vpxd-extensi...	240 ms	08/04/2020, 5:08:11 PM
Import OVF package	esx2.ramlan.ca	✓ Completed		vsphere.local\Administrator	100 ms	08/04/2020, 5:04:15 PM

vm   vSphere Client   Menu ∨   🔍 Search in all environments

🗐 VMware-vRealize-Log-Insight-8.1.1.0-16281169_OVF10   ▶ ■ 📋 📋 📋   ACTIONS ∨

Summary   Monitor   Configure   Permissions   Datastores   Networks   Snapshots   Updates

∨ 🖥 VC.RAMLAN.CA
  ∨ 🗀 North America
    ∨ 🖥 Toronto
      ∨ 🖥 Lab
        🖥 esx1.ramlan.ca
        🖥 esx3.ramlan.ca
        🖥 esx4.ramlan.ca
      ∨ 🖥 esx2.ramlan.ca
        🖥 VC.RAMLAN.CA
        🗐 VMware-vRealize...

Powered Off

Launch Web Console
Launch Remote Console ℹ

Guest OS: Other 3.x or later Linux (64-bit)
Compatibility: ESXi 6.0 and later (VM version 11)
VMware Tools: Not running, version:11269 (Current)
                 More info
DNS Name:
IP Addresses:
Host: esx2.ramlan.ca

Power On the Virutal machine

VMware-vRealize-Log-Insight-8.1.1.0-16281169_OVF10

```
[    1.010274] sd 2:0:0:0: [sda] Assuming drive cache: write through
[    1.010296] sd 2:0:1:0: [sdb] Assuming drive cache: write through
== Provisioning Agent: starting ==
[**    ] (1 of 2) A start job is running for Sendmail Mail Transport Agent (27s / 1min 32s)_
```

```
VMware vRealize Log Insight 8.1.1 Build 16281169

Visit VMware vRealize Log Insight:
http://192.168.0.126/
```

```
*Login
 Set Timezone (Current:UTC)

                    Use Arrow Keys to navigate
                    and <ENTER> to select your choice.
```

Wait for 15 – 20 minutes for the VM to complete all the process which are running in the background. After that use the URL and start the setup.

⚠ Not secure | ~~https~~://192.168.0.126/admin/startup

Setup

Welcome to vRealize Log Insight

We'll walk through a few settings first. Click 'Next' to begin.

NEXT

Choose Deployment Type

Are you starting a new Log Insight deployment or joining an existing one?
(If this is your first time running Log Insight, choose "Start New Deployment".)

JOIN EXISTING DEPLOYMENT   **START NEW DEPLOYMENT**

Admin Credentials

Username	admin
Email	administrator@ramlan.ca
New password	•••••••• ⓘ
Confirm new password	••••••••

SAVE AND CONTINUE

License

License Key: _____ [ADD LICENSE]

[BACK]   [SKIP]   [SAVE AND CONTINUE]

General Configuration

Enter a comma-separated list of email addresses where system notifications should be sent. These notifications are generated when important system events occur (e.g., when Log Insight is about to start rotating out data because the disk is full).

Email System Notifications To   administrator@ramlan.ca

Send HTTP Post System   Spaces-separated URLs
Notifications To

Customer Experience Improvement Program

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☑ Join the VMware Customer Experience Improvement Program

[BACK]   [SAVE AND CONTINUE]

Time Configuration

Specify a list of NTP servers to sync with or choose to sync time with the ESXi host.

Browser Time   Aug 4, 2020, 5:35:37 PM UTC-04:00

Server Time   Aug 4, 2020, 5:37:21 PM UTC-04:00
                      Note: server time is displayed in the browser's time zone

Sync Server Time With   NTP server (recommended) ∨

NTP Servers (comma-separated)
```
0.vmware.pool.ntp.org, 1.vmware.pool.ntp.org,
2.vmware.pool.ntp.org, 3.vmware.pool.ntp.org
```

[TEST]

Note: test may take up to 20 seconds per server

[BACK]   [SKIP]   [SAVE AND CONTINUE]

Time Configuration

Specify a list of NTP servers to sync with or choose to sync time with the ESXi host.

Browser Time   Aug 4, 2020, 5:35:37 PM UTC-04:00

Server Time   Aug 4, 2020, 5:37:21 PM UTC-04:00
                      Note: server time is displayed in the browser's time zone

Sync Server Time With   NTP server (recommended) ∨

NTP Servers (comma-separated)
```
0.vmware.pool.ntp.org, 1.vmware.pool.ntp.org,
2.vmware.pool.ntp.org, 3.vmware.pool.ntp.org
```

[TEST]

Note: test may take up to 20 seconds per server

0.vmware.pool.ntp.org succeeded
1.vmware.pool.ntp.org succeeded
2.vmware.pool.ntp.org succeeded
3.vmware.pool.ntp.org succeeded

[BACK]   [SKIP]   [SAVE AND CONTINUE]

SMTP Configuration

SMTP settings are used to enable outgoing email for alerts and important system notifications.

SMTP Server	mail.ramlan.ca
Port	25
SSL (SMTPS)	⬤ ⓘ
STARTTLS Encryption	⬤ ⓘ
Sender	administrator@ramlan.ca ⓘ
Username	ramlan\administrator
Password	••••••••

ram@ramlan.ca

BACK   **SKIP**   **SAVE AND CONTINUE**

SSL Configuration

Provide a custom SSL certificate signed by a trusted root authority to avoid certificate warnings (optional).

Log Insight is currently operating with a license that does not allow using custom SSL certificates.In order to enable this functionality, you will need to purchase a full-feature license for Log Insight. Please contact your VMware Account Manager or purchase directly from VMware.

BACK   **SKIP**   **SAVE AND CONTINUE**

Setup Complete

All done!

You're now ready to start using Log Insight. Enjoy!

BACK   **FINISH**

Integration

Integration

🔳 vSphere ⬅

◎ vRealize Operations

Ready to Ingest Data

Log Insight is configured and ready to collect logs. Here are some ways you can get log data into Log Insight:

vSphere Integration

Log Insight can integrate with vSphere to automatically ingest events from vCenter Server and logs from ESXi hosts.

Configure vSphere integration » ⬅

Agents

Log Insight has collection agents available to send files and event logs from Linux or Windows to Log Insight.

Download and Install Agents »

Syslog

Log Insight can ingest data from any source via syslog. Just set the Log Insight server as your syslog destination.

You can also visit the Admin Page to enable Active Directory, Archiving, vRealize Operations integration and more. For additional documentation, see the Online Help.

vSphere ↻

No vSphere configuration found.

+ ADD VCENTER SERVER   SAVE

Hostname	vc.ramlan.ca	
Username	administrator@vsphere.local	
Password	••••••••	
Tags	key1=value1, key2=value2, ...	

☑ Collect vCenter Server events, tasks, and alarms �घ

☑ Configure ESXi hosts to send logs to Log Insight ⓘ

Advanced options...

Target 192.168.0.126 ⌄ ⓘ

Untrusted SSL certificate

⚠ vCenter Server SSL Certificate is not trusted

Owner:
Common Name   VC.RAMLAN.CA
Country   US

Issuer:
Common Name   CA

Country   US
State Or Province California
Organization   VC.RAMLAN.CA
Organization Unit VMware Engineering

Validity period: **Serial Number:**
From 7/29/2020, 12:09:15   2d6db152
Until   7/30/2022, 00:09:15

Do you want to accept certificate?

CANCEL   ACCEPT

---

vSphere ↻

No vSphere configuration found.

+ ADD VCENTER SERVER   SAVE

Hostname	vc.ramlan.ca	
Username	administrator@vsphere.local	
Password	••••••••	
Tags	key1=value1, key2=value2, ...	

TEST CONNECTION
Test successful

☑ Collect vCenter Server events, tasks, and alarms ⓘ

☑ Configure ESXi hosts to send logs to Log Insight ⓘ

Advanced options...

Target 192.168.0.126 ⌄ ⓘ

Configuration completed successfully

OK

Main Dashboard Menu Settings
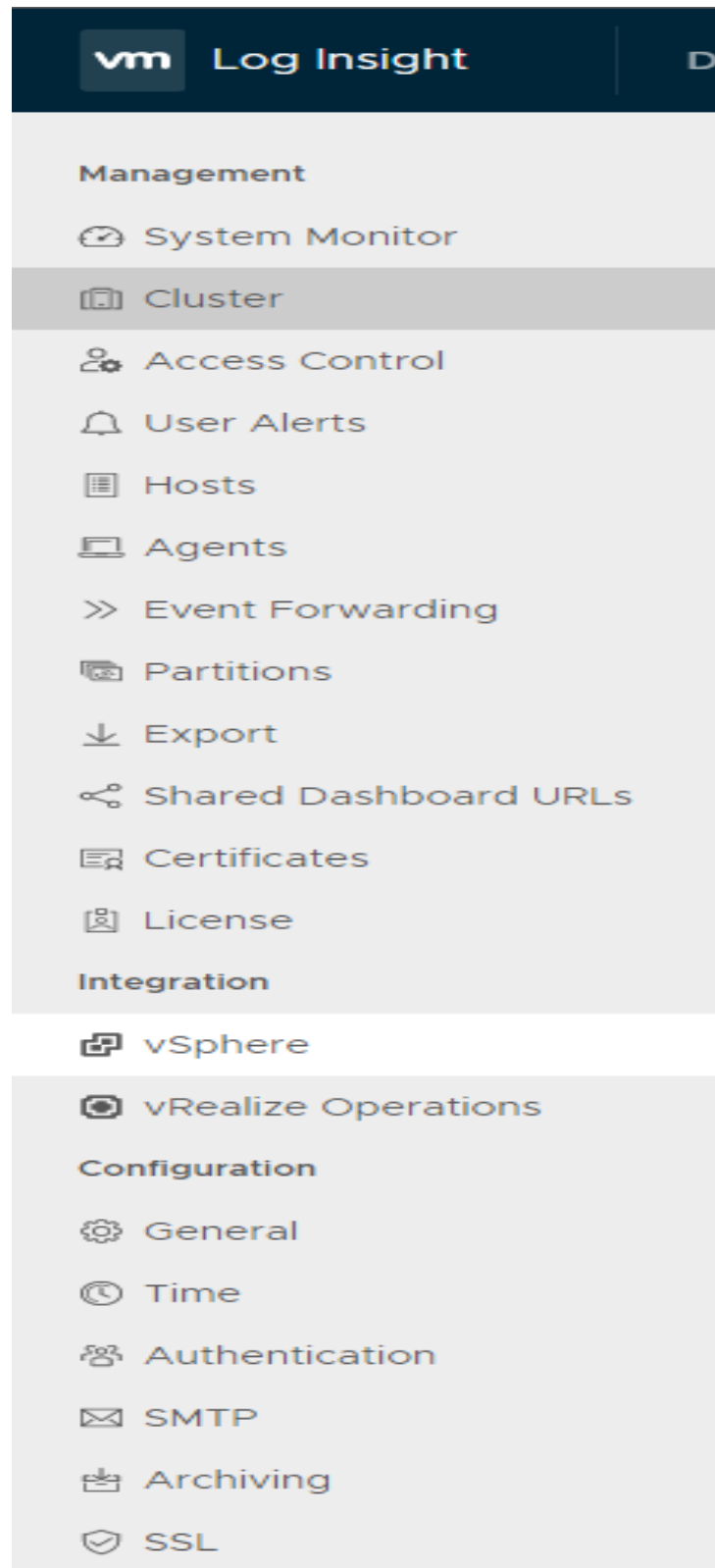
Configuration:

Configuration

⚙ General

🕐 Time

👥 Authentication

✉ SMTP

📥 Archiving

🛡 SSL

General Configuration

ALERTS

Email System Notifications To	administrator@ramlan.ca ⓘ
Send HTTP Post System Notifications To	Spaces-separated URLs ⓘ
Retention Notification Threshold	☑ Send a notification when capacity drops below ⓘ 1 months ∨ of data in the system

BROWSER SESSION

Session Timeout	30 minutes (set to -1 for no timeout)

CUSTOMER EXPERIENCE IMPROVEMENT PROGRAM

Usage Reporting	☑ Join the VMware Customer Experience Improvement Program ⓘ

LANGUAGE

Always Use English	◯ ⓘ

REGULAR EXPRESSIONS

Enable regex in query APIs	◯ ⓘ

SAVE   RESET TO DEFAULTS...

Time Configuration

Browser Time   Aug 4, 2020, 5:47:34 PM UTC-04:00

Server Time   Aug 4, 2020, 5:49:18 PM UTC-04:00

Note: server time is displayed in the browser's time zone

Sync Server Time With   NTP server (recommended) ⌄

NTP Servers (comma-separated)

```
0.vmware.pool.ntp.org, 1.vmware.pool.ntp.org,
2.vmware.pool.ntp.org, 3.vmware.pool.ntp.org
```

TEST

Note: test may take up to 20 seconds per server

SAVE   **RESET TO DEFAULTS...**

Authentication Configuration

VMware Identity Manager   Active Directory

Enable Single Sign-On   ⬤◯ ⓘ

SAVE

Archiving Configuration

Data archiving provides a way to preserve old data that is rotated out of the system. Log Insight is currently operating with a license that does not allow archiving.In order to enable this functionality, you will need to purchase a full-feature license for Log Insight. Please contact your VMware Account Manager or purchase directly from VMware.

SSL Configuration

Log Insight is currently operating with a license that does not allow using custom SSL certificates.In order to enable this functionality, you will need to purchase a full-feature license for Log Insight. Please contact your VMware Account Manager or purchase directly from VMware.

Management:

Management
- System Monitor
- Cluster
- Access Control
- User Alerts
- Hosts
- Agents
- Event Forwarding
- Partitions
- Export
- Shared Dashboard URLs
- Certificates
- License

System Monitor

Resources   Active Queries   Statistics   ⟳

CPU (2 Cores)

Last 5 minutes: 100%   Last 24 hours:

0%
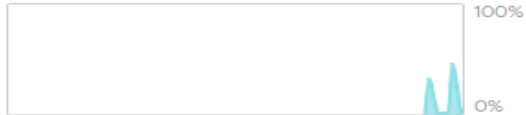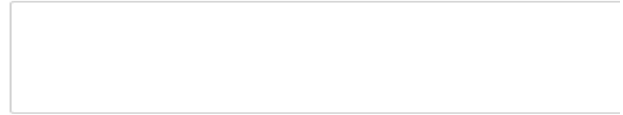
Memory and Swap

Memory   Swap   Last 24 hours:

3.7 GB of 3.9 GB   1.1 GB of 4 GB

Total Read and Write Operations

Last 5 minutes: 37   Last 24 hours:

0

■ Reads/sec   ■ Writes/sec
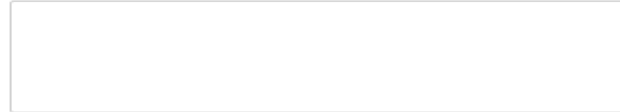
Bytes Read and Written

Last 5 minutes: 693 KB   Last 24 hours:

0

■ Bytes read/sec   ■ Bytes written/sec
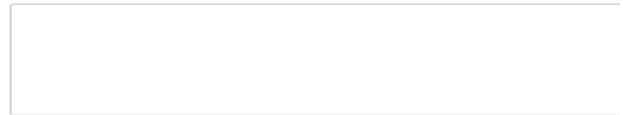
Cluster ↻

Nodes

Host	▲ Uptime	⇕ Version	⇕ Monitor
192.168.0.126	33 minutes	8.1.1	Monitor ⊕

Log Insight is currently operating in standalone mode. It has the ability to scale out to use multiple nodes and to support multiple virtual IPs for ingestion, but this is not enabled with your current license.In order to enable this functionality, you will need to purchase a full-feature license for Log Insight. Please contact your VMware Account Manager or purchase directly from VMware.

[UPGRADE CLUSTER] [DOWNLOAD SUPPORT BUNDLE]

Hosts

☐ Inactive hosts notification.

[SAVE] RESET TO DEFAULTS...

Host information is collected every 5 minutes

EXPORT ⌄

Hostname	⇕ Last Received Event
vc.ramlan.ca ⊙	within the last 5 minutes
esx2.ramlan.ca ⊙	within the last 5 minutes
esx4.ramlan.ca ⊙	within the last 5 minutes
esx1.ramlan.ca ⊙	within the last 5 minutes
esx3.ramlan.ca ⊙	within the last 5 minutes

Event Forwarding

Log Insight is currently operating with a license that does not allow forwarding of events.In order to enable this functionality, you will need to purchase a full-feature license for Log Insight. Please contact your VMware Account Manager or purchase directly from VMware.

Partitions

+ NEW PARTITION   ✕ DELETE

☐	Name	Enabled	Routing Filter
☐ ✎	Default Partition	⬤	Accept all events

Certificates ⟳

✕ DELETE

	Thumbprint	Provider	Hostname	Expires
☐	c20c922c21193a08154662f764d039b9a8355757 *i* ✕	VSPHERE	vc.ramlan.ca	7/30/2022, 00:09:15

License

License Key: _____   **ADD LICENSE**

vSphere ⟳

✕ DELETE

	Hostname	Collect Events	ESXi hosts configured	Target
☐ ✎	vc.ramlan.ca	Yes	Yes (View details...)	192.168.0.126

vRealize Operations

vRealize Operations Integration

vRealize Operations Manager ⓘ

Hostname   _____   ☐ Enable alert integration ⓘ

Username   _____ ⓘ   ☐ Enable launch in context ⓘ

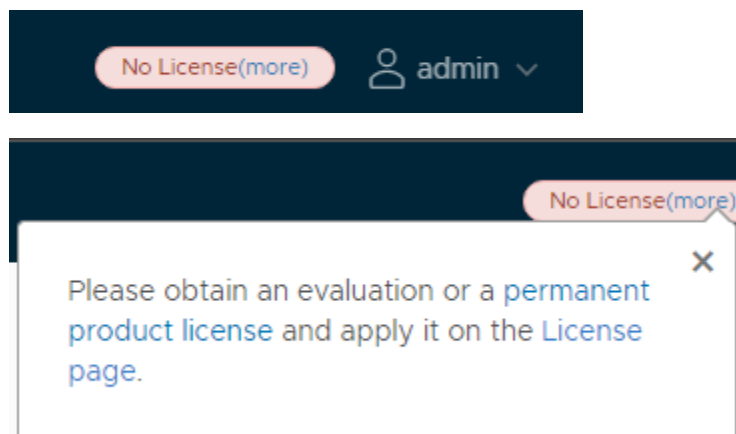Password   _____   ☐ Enable metric calculation ⓘ

TEST ⓘ   Target [192.168.0.126 ⌄] ⓘ

SAVE

Log Insight:
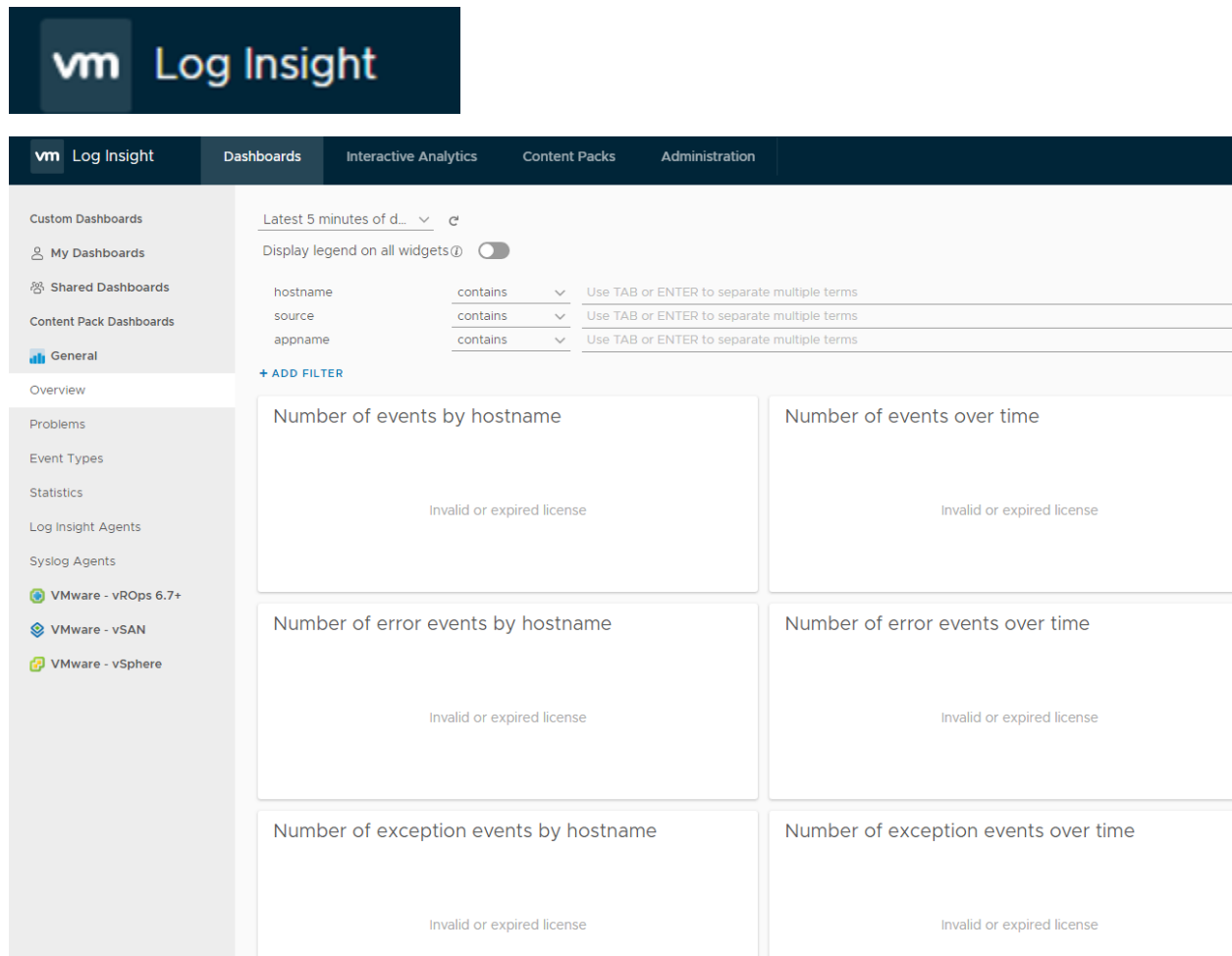
This concludes the install process for vRealize Log Insight v.8.1. If you have valid license you can install and enjoy the product.

Thanks

Ram Lan
4ᵗʰ Aug 2020