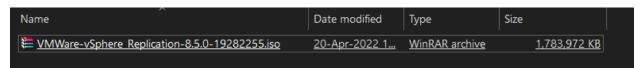
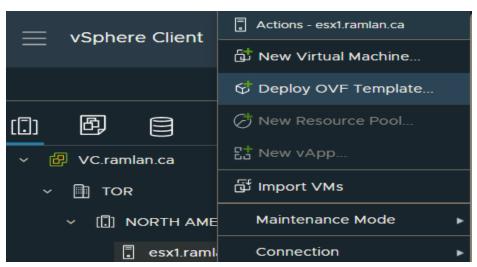
How to install VMWare vSphere Replication v8.5.0 – 19282255

In this post, I am going to import OVA and complete the configuration of vSphere Replication. I am going to mount the ISO and then use the OVA file to import within vCenter.



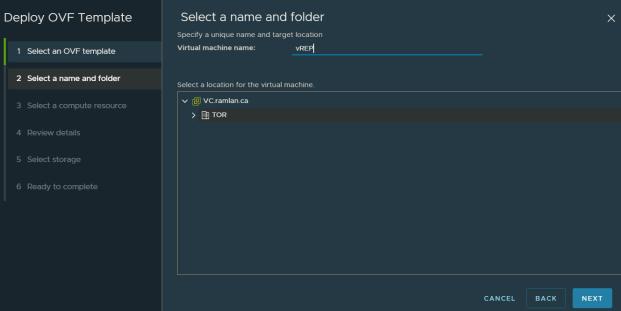
Name	Date modified	Type	Size
vSphere Replication AddOn OVF10.cert	29-Jan-2022 5:	CERT File	<u>2 KB</u>
vSphere Replication AddOn OVF10.mf	29-Jan-2022 5:	MF File	<u>1 KB</u>
Sphere Replication AddOn OVF10.ovf	29-Jan-2022 5:	OVF File	<u>329 KB</u>
vSphere Replication OVF10.cert	29-Jan-2022 5:	CERT File	<u>2 KB</u>
vSphere Replication OVF10.mf	29-Jan-2022 5:	MF File	<u>1 KB</u>
vSphere Replication OVF10.ovf	29-Jan-2022 5:	OVF File	<u>374 KB</u>
vSphere Replication-support.vmdk	29-Jan-2022 5:	VMDK File	<u>7,593 KB</u>
<u>vSphere Replication-system.vmdk</u>	29-Jan-2022 5:	VMDK File	<u>1,122,920 KB</u>

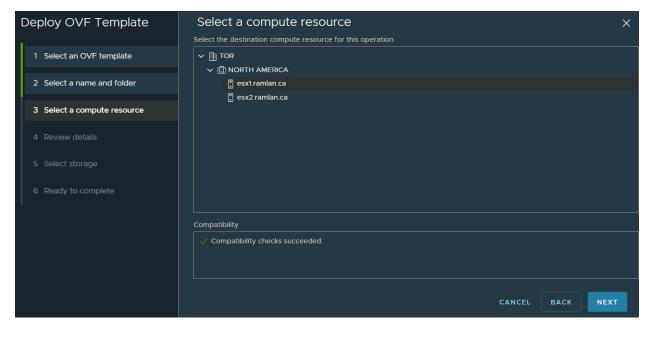


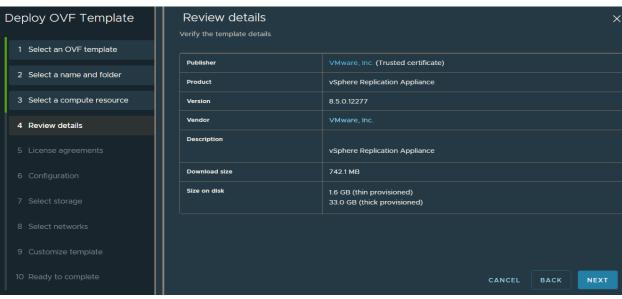
o If you downloaded and mounted the vSphere Replication ISO image on a system in your environment, select Local file ___Browse and navigate to the \bin directory in the ISO image, and select the vSphere_Replication_OVF10.ovf, vSphere_Replication_OVF10.cert, vSphere_Replication_OVF10.mf, vSphere_Replication-system.vmdk, and vSphere_Replication-support.vmdk files.

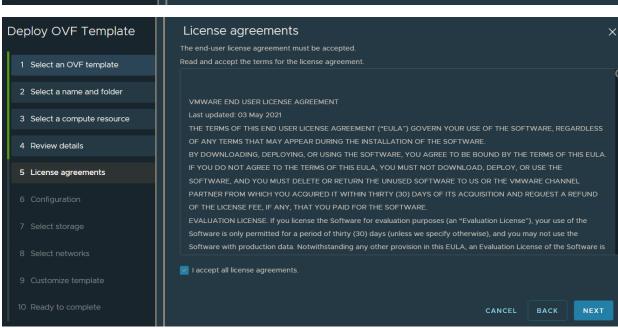
Name	Date modified	Туре
vSphere Replication AddOn OVF10.cert	29-Jan-2022 5:	CERT File
vSphere Replication AddOn OVF10.mf	29-Jan-2022 5:	MF File
vSphere Replication AddOn OVF10.ovf	29-Jan-2022 5:	OVF File
vSphere Replication OVF10.cert	29-Jan-2022 5:	CERT File
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vSphere Replication OVF10.ovf	29-Jan-2022 5:	OVF File
vSphere Replication-support.vmdk	29-Jan-2022 5:	VMDK File
vSphere Replication-system.vmdk	29-Jan-2022 5:	VMDK File



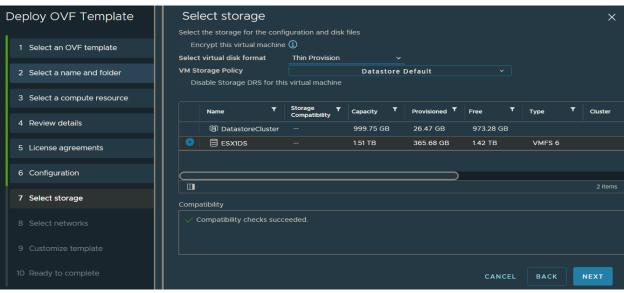


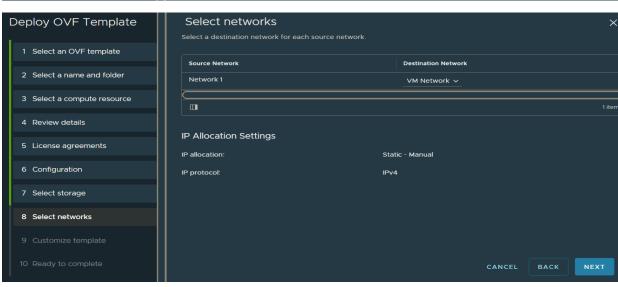


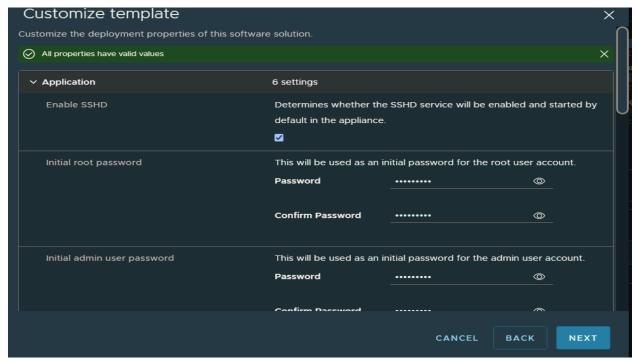


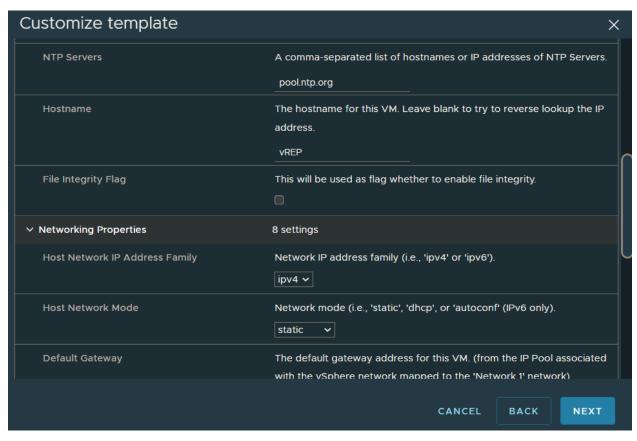


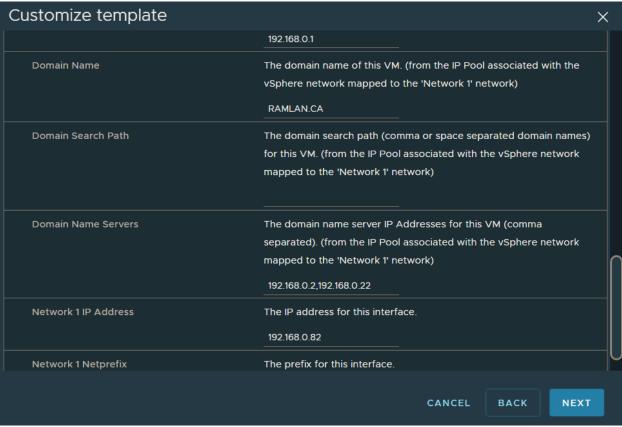


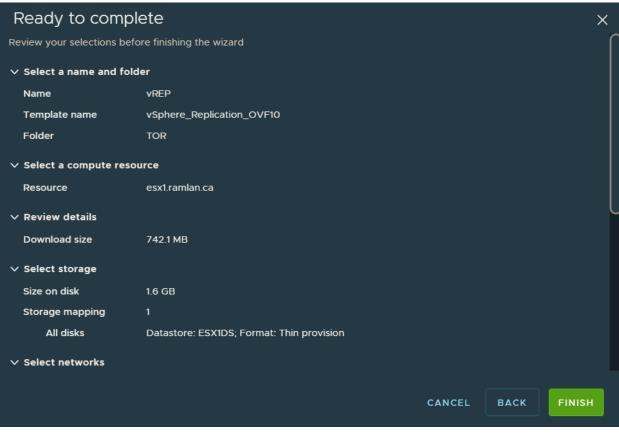


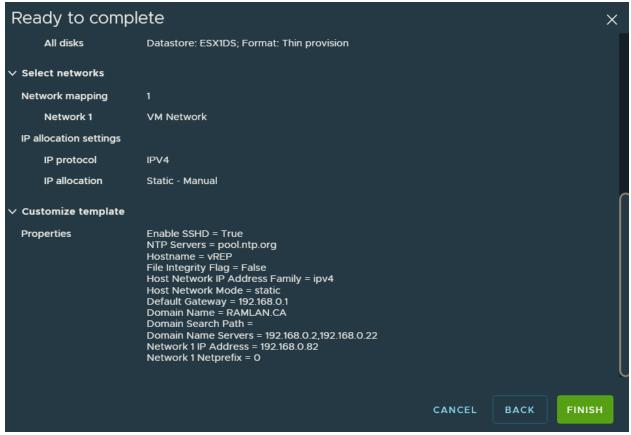


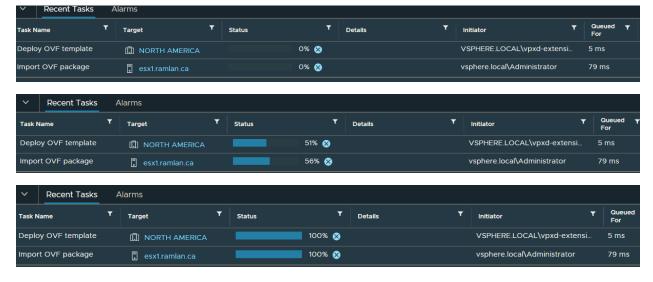












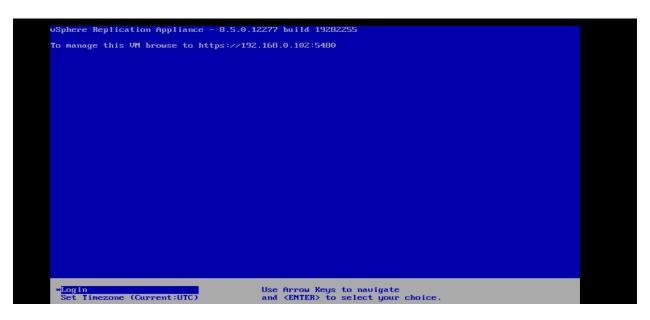
Now we can Power On the machine and start other configurations.

```
[ OK ] Started Data caching daemon for rrdtool.
           Starting System Logging Service...
           Starting Generate sshd host keys...
          Starting D-Bus System Message Bus...
Starting VMware DR virtual appliance One Shot System Configuration...
        1 Started VGAuth Service for open-um-tools.
        1 Started irqbalance daemon.
        Starting Login Service...

1 Started System Logging Service.

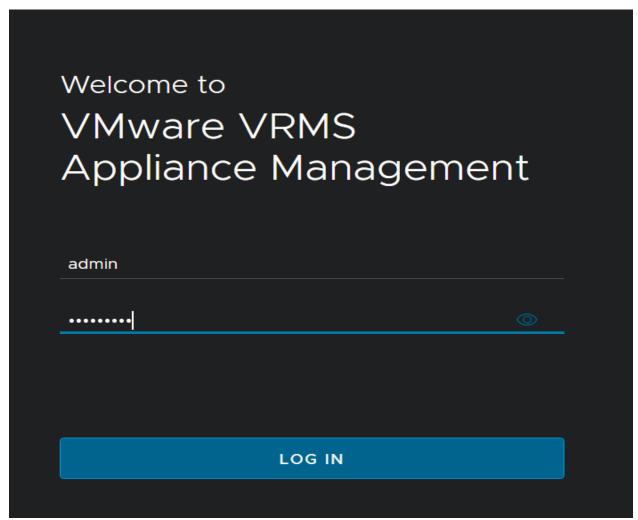
1 Started Network Name Resolution.
        1 Reached target Host and Network Name Lookups.
        1 Started D-Bus System Message Bus.
1 Started Login Service.
C
          Started VMware DR virtual appliance One Shot System Configuration.
        1 Reached target Network.
           Starting Log Insight Agent Updater...
          Starting Load Iptables Rules...
Starting Log Insight Agent...
           Starting Permit User Sessions...
        1 Started The plugin-driven server agent for reporting metrics into InfluxDB.
        1 Reached target Network is Online.
Starting LSB: Guest OS Initiatization Script...
        1 Started Permit User Sessions.
        1 Started Command Scheduler.
        1 Started Generate sshd host keys.
        1 Started OpenSSH Daemon.
Started bpfilter
        1 Started Log Insight Agent Updater.
        1 Started Load Iptables Rules.
        1 Started Log Insight Agent.
        Starting Network Time Service...

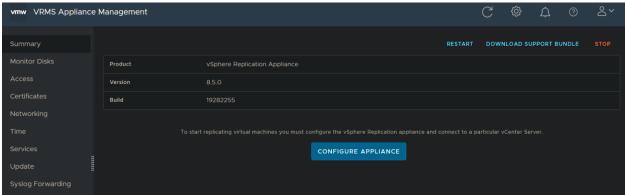
1 Started Network Time Service.
        1 Started LSB: Guest OS Initiatization Script.
           Starting LSB: Small Footprint CIM Broker Service...
```

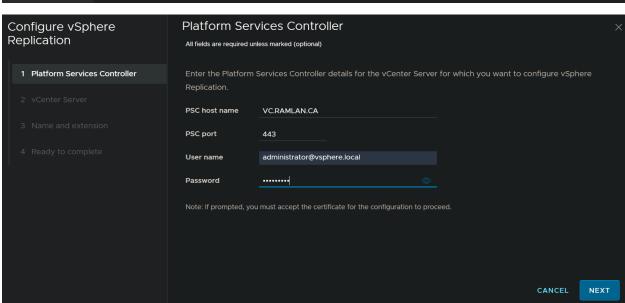


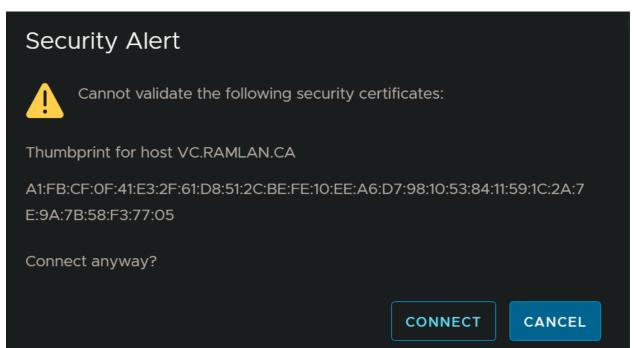
Did change the time zone to EST

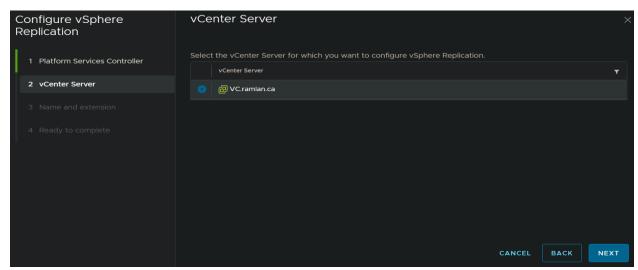


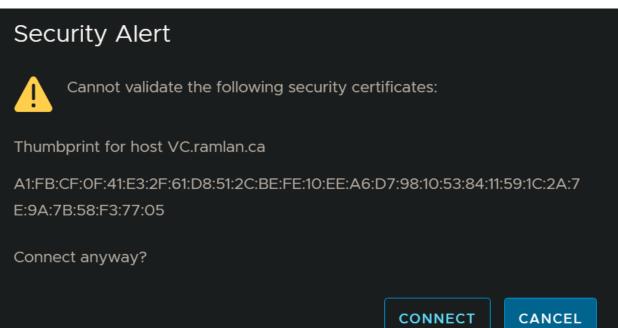


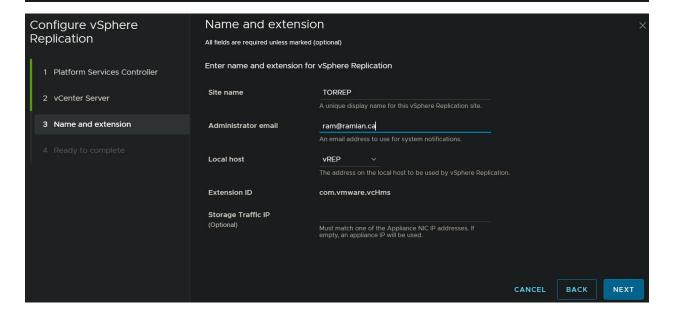


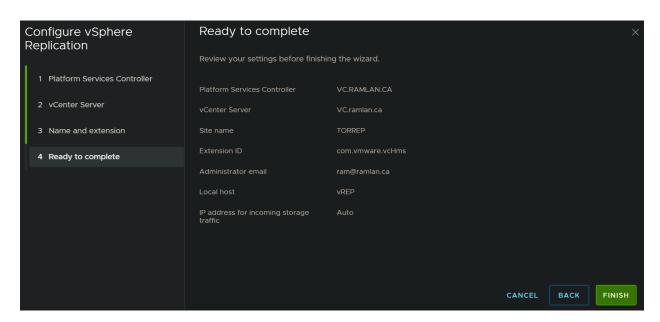


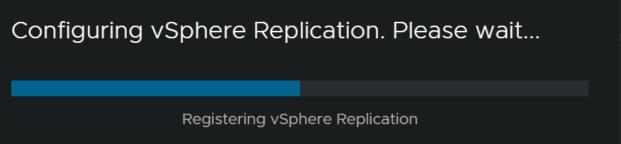




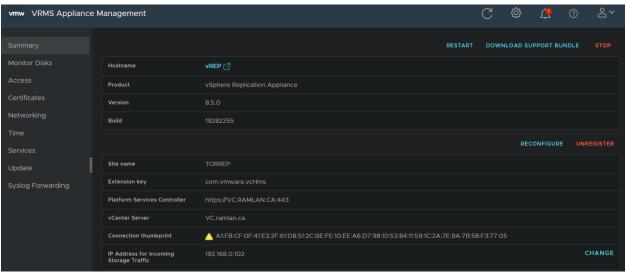


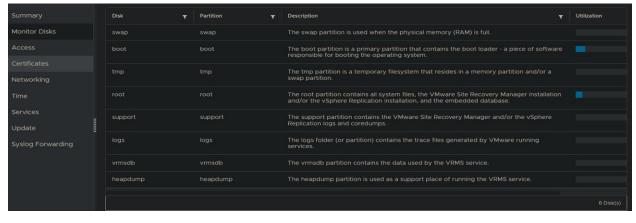






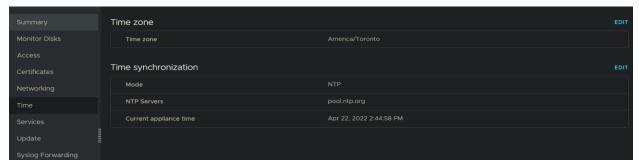












This completes VMWare vSphere Replication Appliance.

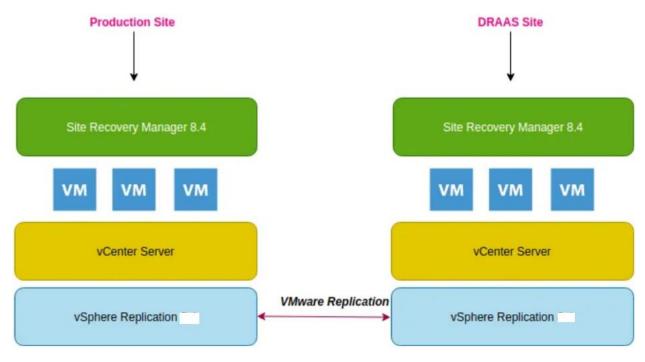
Thanks

Ram

22nd Apr 2022

NOTE: In order to use Replication Appliance, you will need VMWare Site Recovery Manager Appliance + you have to create TWO sites (Production and Disaster Recovery) so the replication of VM's can be done at DR site. For home lab you will need the following:

- 2 vCenters (Production and DR)
- 2 Replication Appliance (Production and DR)
- 2 Site Recovery Manager Appliance (Production and DR)



For home lab you can go with this configuration for the VM's

VM	Version	vCPU	Memory GB	Storage	Quantiy
vCenter	7.0 U1	2	10	100GB	1
SRM Manager	8.4	2	8	60 GB	2
vSphere Replication	8.4	2	8	60 GB	2

With vSphere Replication, you can configure the replication of a virtual machine from a source site to a target site, monitor and manage the status of the replication, and recover the virtual machine at the target site.

In a typical vSphere Replication installation, the local site provides business-critical data center services. The remote site is an alternative facility to which you can migrate these services.

The local site can be any site where vCenter Server supports a critical business need. The remote site can be in another location, or in the same facility to establish a redundancy. The remote site is typically located in a facility where environmental, infrastructure, or other disturbances are unlikely to occur and affect the local site.

vSphere Replication has the following requirements for the vSphere® environments at each site:

- Ensure that each site has at least one data center.
- Ensure that the remote site has hardware, network, and storage resources that can support the same virtual machines and workloads as the local site.
- Ensure that the sites are connected by a reliable IP network.
- Ensure that the remote site accesses networks (public and private) comparable to the ones on the local site. It is not necessary for them to be in the same range of network addresses.

When everything is configured properly you will see this screen when you open Site Recovery from vCenter.

