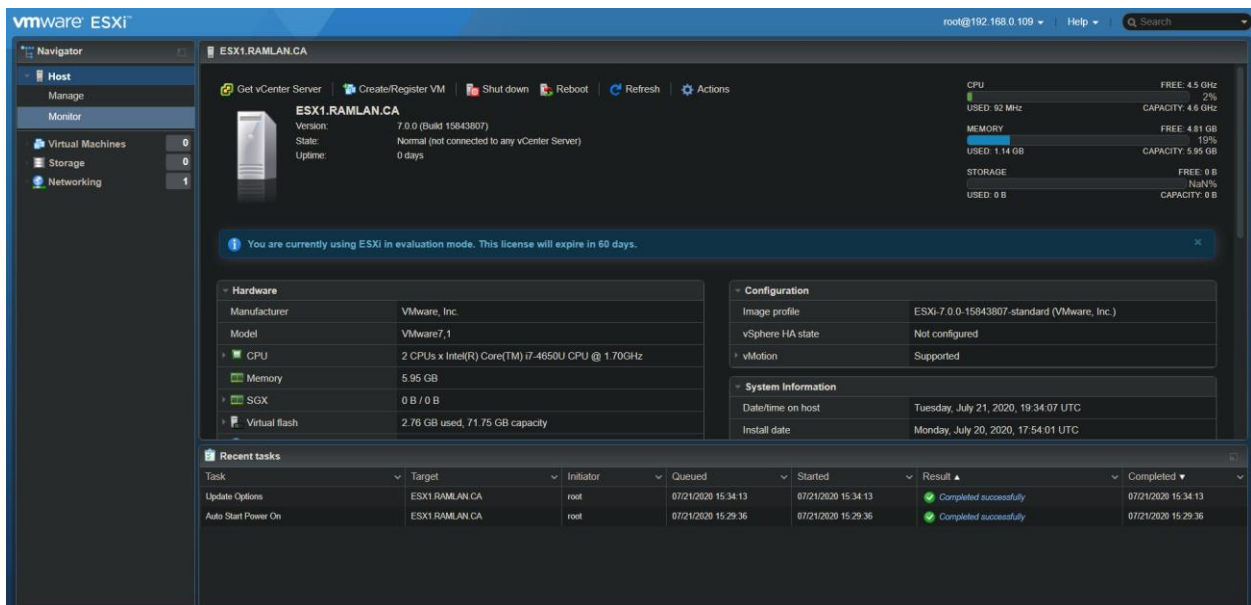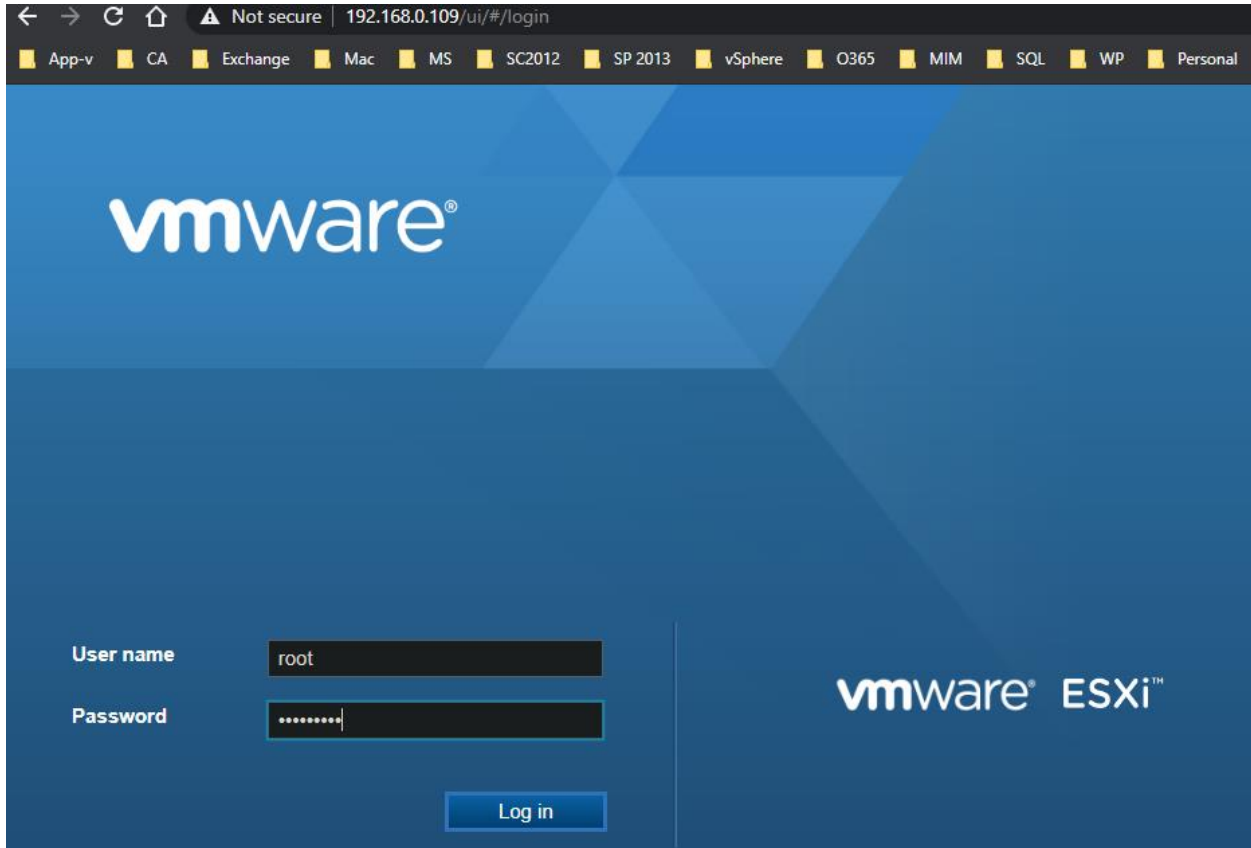# vSphere 7 Post Configuration

In this post, I will show you what we have configure after installing vSphere 7

1. Login to vSphere by IP or Hostname

2. NTP Setting

3. Start this service

4. Check Licensing Status

5. Join to Domain

6. Check Certificates – We will install internal certificate issue from CA later
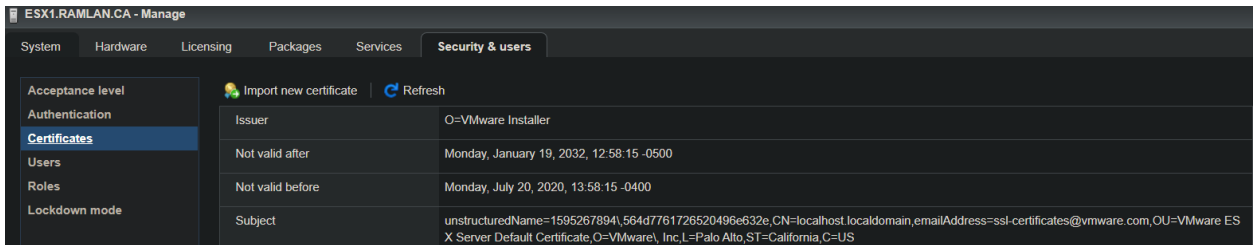
7. Lockdown Mode – We will configure after installing vCenter Server

8. Check Hardware

9. Check Monitor Performance

10. Add iSCSI Storage – I will be using EMC SAN Storage

Datastores | **Adapters** | Devices | Persistent Memory

Configure iSCSI | Software iSCSI | Rescan | Refresh | Actions   🔍 Search

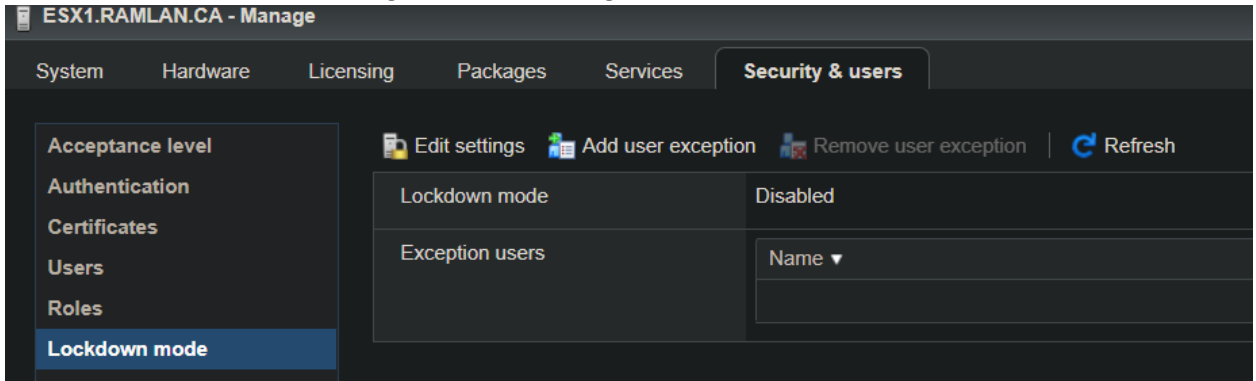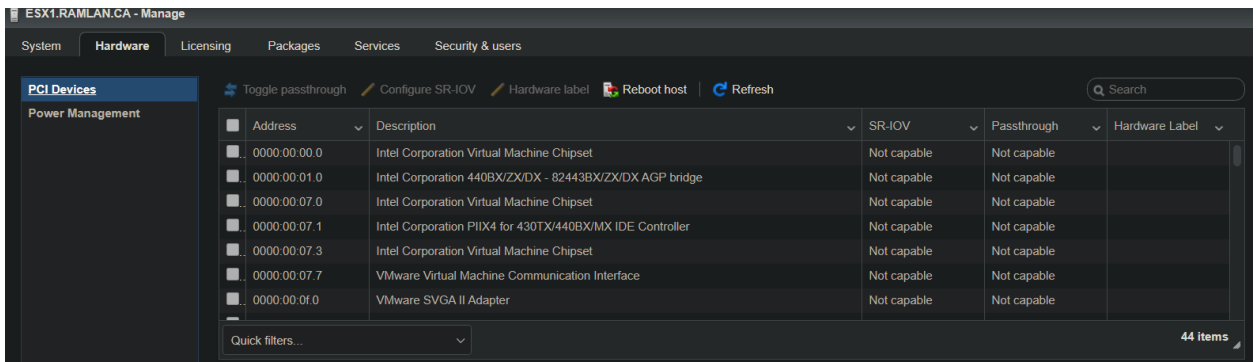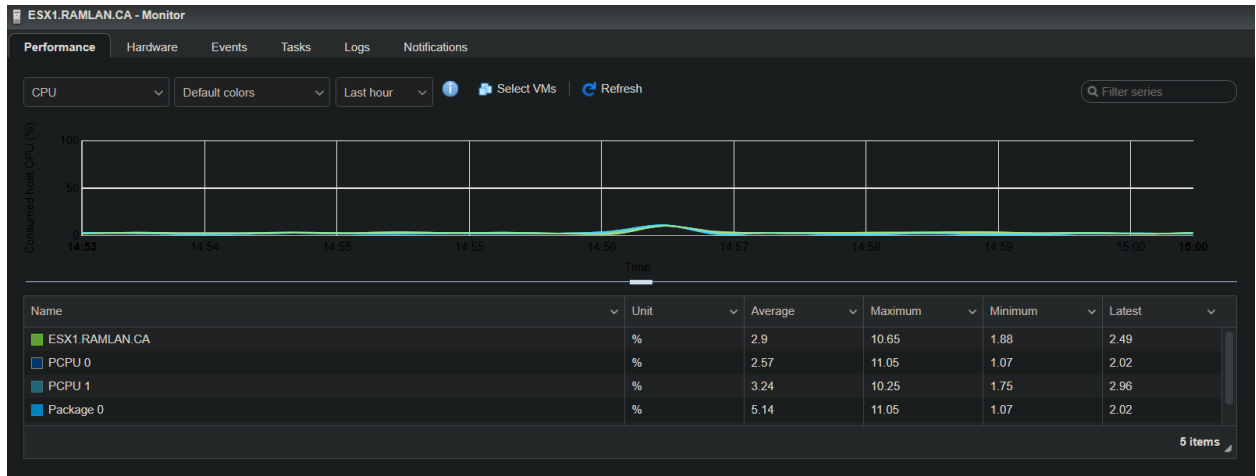| Name	Model	Status	Driver
vmhba0	PVSCSI SCSI Controller	Unknown	pvscsi
vmhba1	PIIX4 for 430TX/440BX/MX IDE Controller	Unknown	vmkata
vmhba64	PIIX4 for 430TX/440BX/MX IDE Controller	Unknown	vmkata
vmhba65	iSCSI Software Adapter	Online	iscsi_vmk

4 items

New datastore | Increase capacity | Rescan | Refresh | Actions   🔍 Search

Name	Status	Type	Capacity	Queue Depth	Vendor
EMC iSCSI Disk (naa.5000144f88602323)	⚠ Normal, Degraded	Disk	1,000 GB	128	EMC
EMC iSCSI Disk (naa.5000144f23823062)	⚠ Normal, Degraded	Disk	1,000 GB	128	EMC
Local NECVMWar CD-ROM (mpx.vmhba64:C0:T0:L0)	✅ Normal	CDROM	Unknown	N/A	VMware
EMC iSCSI Disk (naa.5000144f85409168)	⚠ Normal, Degraded	Disk	1,000 GB	128	EMC
Local VMware, Disk (mpx.vmhba0:C0:T0:L0)	✅ Normal	Disk (SSD)	80 GB	1024	VMware

5 items

Datastores | Adapters | Devices | Persistent Memory

New datastore | Increase capacity | Register a VM | Datastore browser | Refresh | Actions

Name	Drive Type	Capacity	Provisioned

New datastore

1 **Select creation type**
2 **Select device**
3 **Select partitioning options**
4 **Ready to complete**

Select creation type

How would you like to create a datastore?

Create new VMFS datastore
Add an extent to existing VMFS datastore
Expand an existing VMFS datastore extent
Mount NFS datastore

Create a new VMFS datastore on a local disk device

vmware®

Back | Next | Finish | Cancel

New datastore

Select device

Select a device on which to create a new VMFS partition

Name

The following devices are unclaimed and can be used to create a new VMFS datastore

Name	Type	Capacity	Free space
🖴 EMC iSCSI Disk (naa.5000144f49928773)	Disk	1,000 GB	1,000 GB

1 items

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Back | Next | Finish | Cancel

New datastore - Datastore5

Select partitioning options

Select how you would like to partition the device

Use full disk ▾   VMFS 6 ▾

Before, select a partition   After

Free space (1,000 GB)   1. VMFS (1,000 GB)

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Back | Next | Finish | Cancel

New datastore - Datastore5

✔ 1 Select creation type
✔ 2 Select device
✔ 3 Select partitioning options
✔ 4 Ready to complete

Ready to complete

Summary

Name	Datastore5
Disk	EMC iSCSI Disk (naa.5000144f49928773)
Partitioning	Use full disk
VMFS version	6

VMFS (1,000 GB)

vmware

Back   Next   Finish   Cancel

⚠ **Warning**

⚠ The entire contents of this disk are about to be erased and replaced with the specified configuration, are you sure?

Yes   No

| Datastores | Adapters | Devices | Persistent Memory |

🖳 New datastore 🗖 Increase capacity 🖳 Register a VM 📁 Datastore browser ⟳ Refresh ⚙ Actions   🔍 Search

Name	Drive Type	Capacity	Provisioned	Free	Type	Thin provisioning	Access
🖳 Datastore5	Non-SSD	999.75 GB	1.42 GB	998.33 GB	VMFS6	Supported	Single

1 items

11. Services that should be running and stopped

ESX1.RAMLAN.CA - Manage

System | Hardware | Licensing | Packages | Services | Security & users

▶ Start ⬛ Stop ⟳ Restart ⟳ Refresh ⚙ Actions   🔍 Search

Name	Description	Status ▾	Source	Firewall rules
DCUI	Direct Console UI	▶ Running	Base system	None
TSM	ESXi Shell	▶ Running	Base system	None
TSM-SSH	SSH	▶ Running	Base system	None
lbtd	Load-Based Teaming Daemon	▶ Running	Base system	None
lwsmd	Active Directory Service	▶ Running	Base system	None
ntpd	NTP Daemon	▶ Running	Base system	ntpClient
vmsyslogd	Syslog Server	▶ Running	Base system	None
vpxa	VMware vCenter Agent	▶ Running	Base system	vpxHeartbeats

15 items

ESX1.RAMLAN.CA - Manage

System | Hardware | Licensing | Packages | Services | Security & users

▶ Start ⬛ Stop ⟳ Restart ⟳ Refresh ⚙ Actions   🔍 Search

Name	Description	Status ▾	Source	Firewall rules
attestd	attestd	⬛ Stopped	Base system	None
kmxd	kmxd	⬛ Stopped	Base system	None
pcscd	PC/SC Smart Card Daemon	⬛ Stopped	Base system	None
ptpd	PTP Daemon	⬛ Stopped	Base system	ptpd
sfcbd-watchdog	CIM Server	⬛ Stopped	Base system	CIMHttpServer, CIMHttpsServer
snmpd	SNMP Server	⬛ Stopped	Base system	snmp
xorg	X.Org Server	⬛ Stopped	esx-xserver	None

12. Auto Start
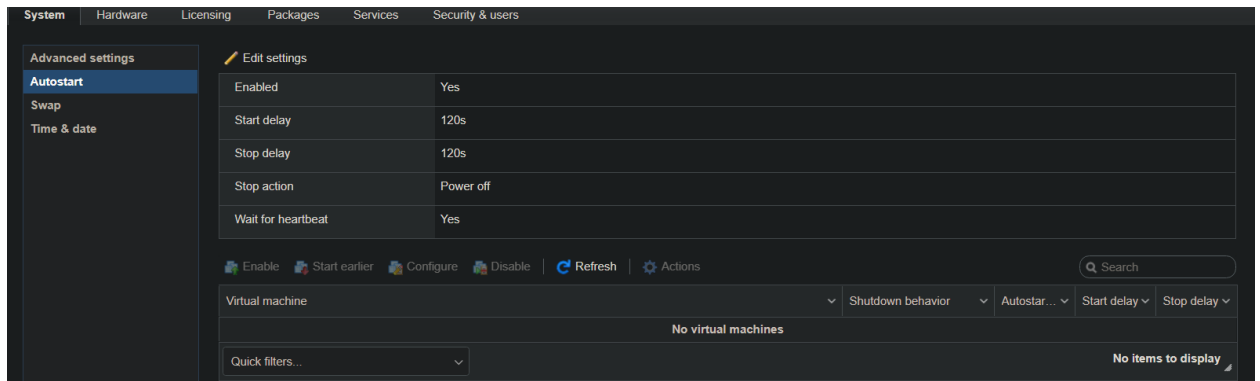
13. Swap
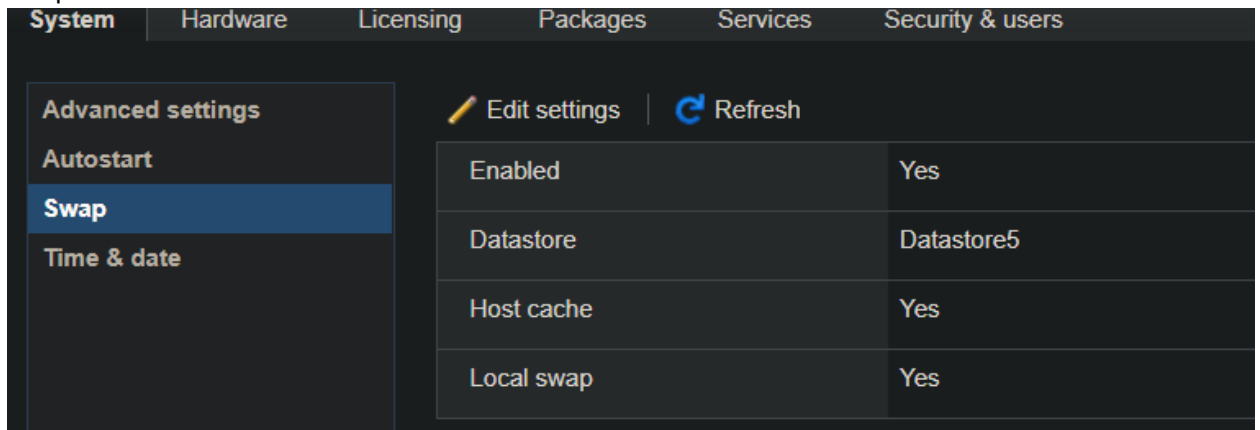
This concludes some of the post configuration after the install. I might add more as and when we explore the product in great detail.

Thanks

Ram Lan
22nd July 2020