



Milestone 2 - AD and vCenter

Step 1: Add Server 19 and VCSA ISOs to DataStore 2

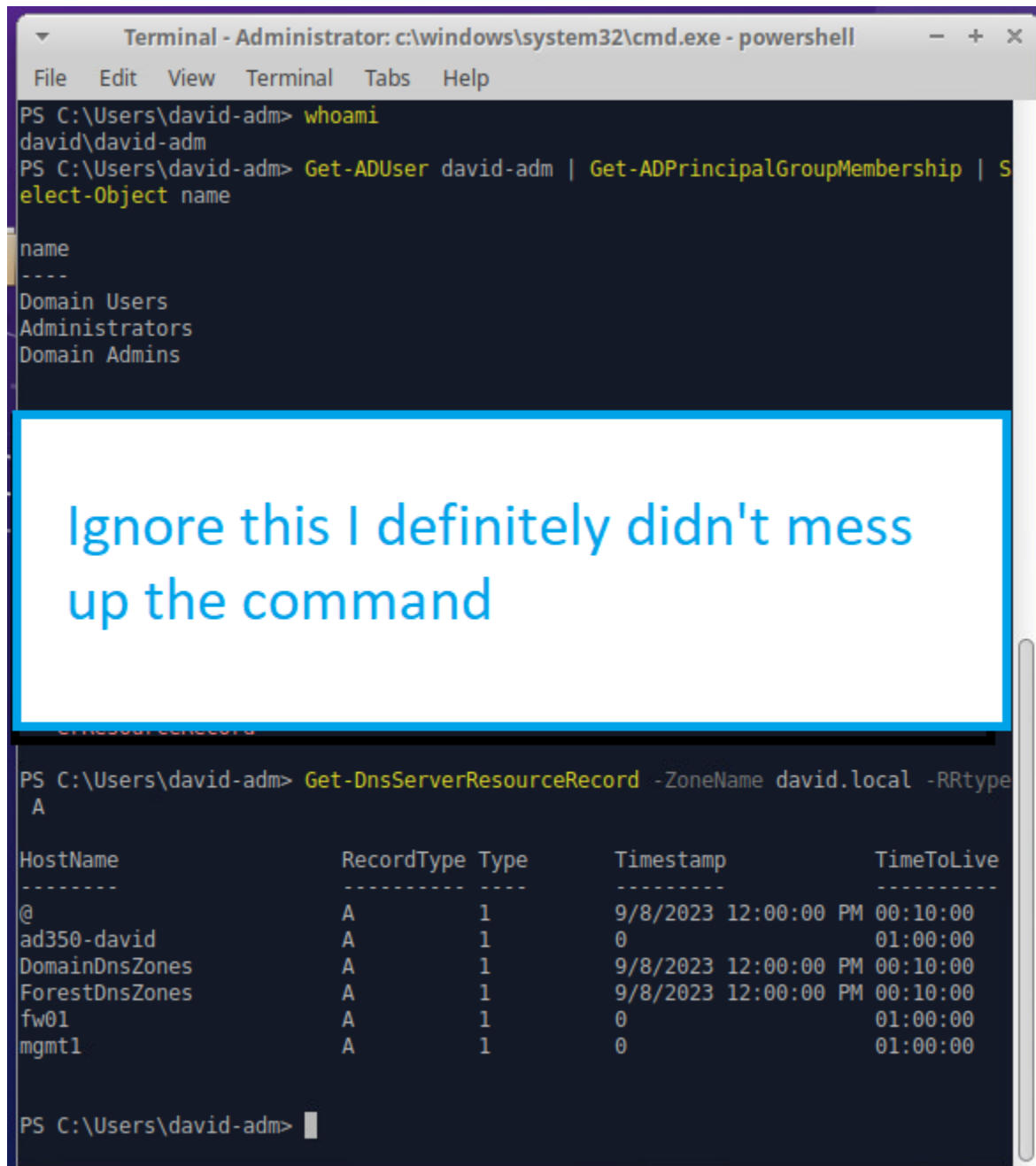
Deliverable 1. Watch the following [video](#). Provide a screenshot that shows that the VCSA and Server 2019 ISO's have been added to datastore 2 via wget similar to the one below.

```
8 wget http://192.168.7.240/isos/SERVER_19_x64_FA23.iso
9 wget http://192.168.7.240/isos/VMware-VCSA-all-8.0.0-20519528.iso
10 history
[root@super16:~]
```

<input type="checkbox"/>	 prsense	<input checked="" type="checkbox"/>	Nor...	2.05 GB
<input type="checkbox"/>	 VMware	<input checked="" type="checkbox"/>	Nor...	Unknown
<input type="checkbox"/>	 winserv	<input checked="" type="checkbox"/>	Nor...	Unknown

Step 2: AD-350

Deliverable 2. SSH session from mgmt1 to yourname@yourdomain@10.0.17.4. With your session show the logged in user, their primary ad groups and the A records for your primary zone similar to the screenshot below



```
Terminal - Administrator: c:\windows\system32\cmd.exe - powershell
File Edit View Terminal Tabs Help
PS C:\Users\david-adm> whoami
david\david-adm
PS C:\Users\david-adm> Get-ADUser david-adm | Get-ADPrincipalGroupMembership | Select-Object name
name
----
Domain Users
Administrators
Domain Admins
```

Ignore this I definitely didn't mess up the command

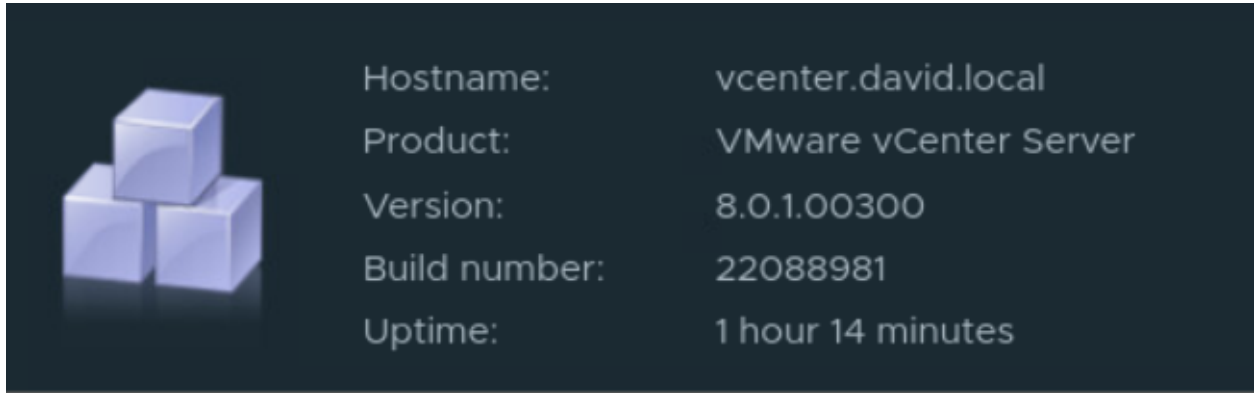
```
PS C:\Users\david-adm> Get-DnsServerResourceRecord -ZoneName david.local -RRtype A
HostName RecordType Type Timestamp TimeToLive
-----
@ A 1 9/8/2023 12:00:00 PM 00:10:00
ad350-david A 1 0 01:00:00
DomainDnsZones A 1 9/8/2023 12:00:00 PM 00:10:00
ForestDnsZones A 1 9/8/2023 12:00:00 PM 00:10:00
fw01 A 1 0 01:00:00
mgmt1 A 1 0 01:00:00

PS C:\Users\david-adm>
```

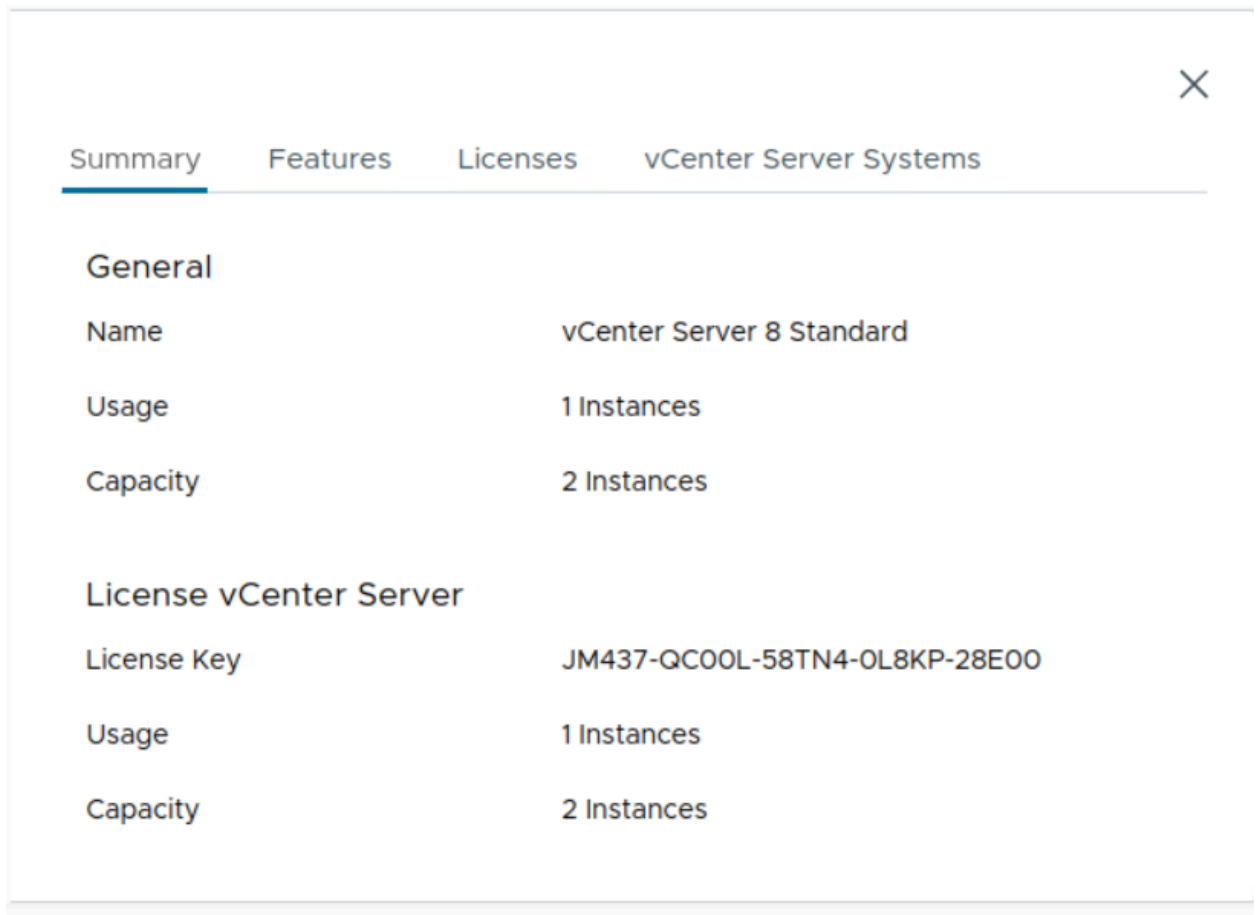
Step 3: VCenter Installation & Licensing

Deliverable 3. Provide Screenshots that show:

- Your current vCenter version



- Valid vCenter license



- Valid vsphere license

General

Name	vSphere 8 Enterprise Plus
Usage	1 CPUs (up to 32 cores)
Capacity	8 CPUs (up to 32 cores)

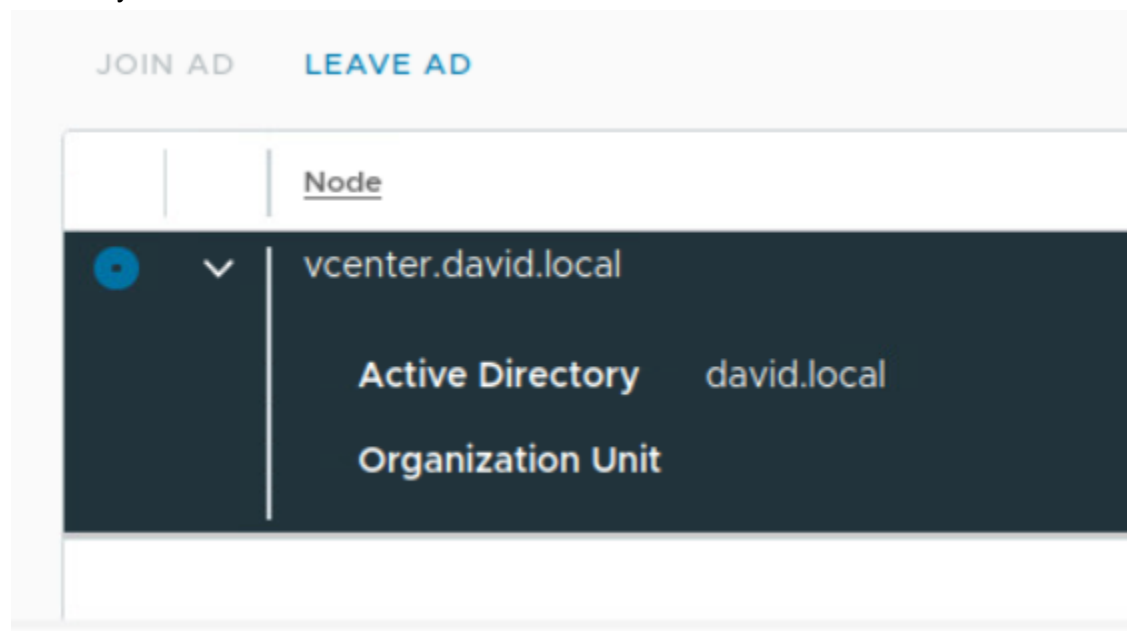
License ESXi

License Key	156AJ-JE31M-589N8-OP2RP-2JFHN
Usage	1 CPUs (up to 32 cores)
Capacity	8 CPUs (up to 32 cores)

Step 4: SSO Integration

Watch the following [video](#) and perform the following actions

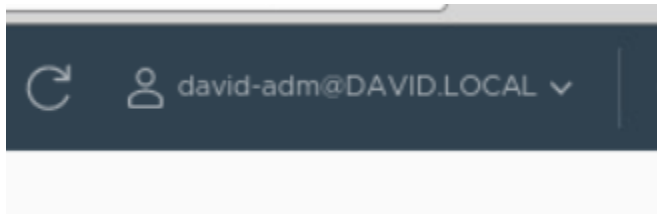
- Join vCenter to your domain



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Deliverable 4. Provide a screenshot showing your named domain administrator login in the upper right of the vCenter UI.



Deliverable 5. Capture this process in your tech journal. There is a great deal of work here which is why it is worth 3 points. Make sure you capture what was done technically to meet the requirements of this milestone. If you've documented relevant AD configurations before, you can link to that documentation with annotations on any substantive changes. Most of the AD steps were fully documented in classes such as SYS265. Make sure to capture and comment on the areas that gave you trouble. Provide links to the documentation you created in the course of this milestone.