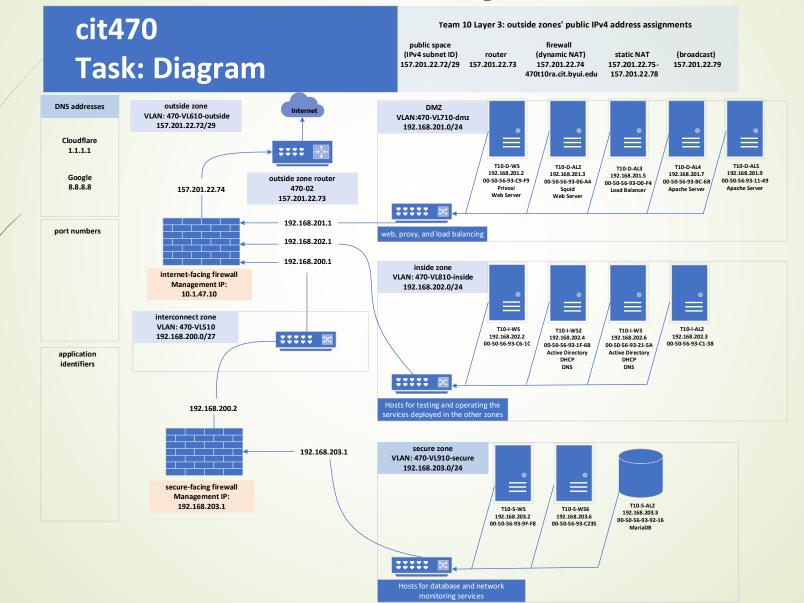
Task: Above-and-Beyond 0

Task: Above-and-Beyond 0

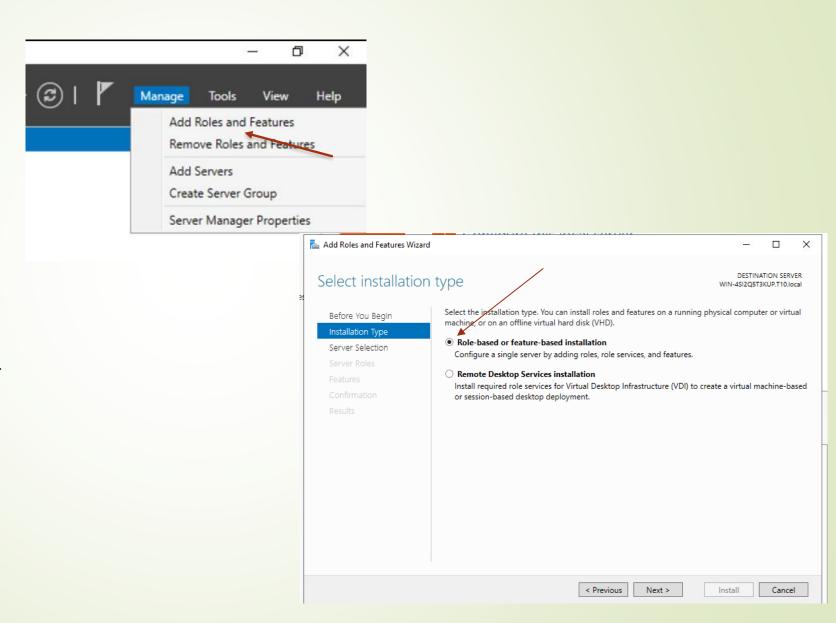


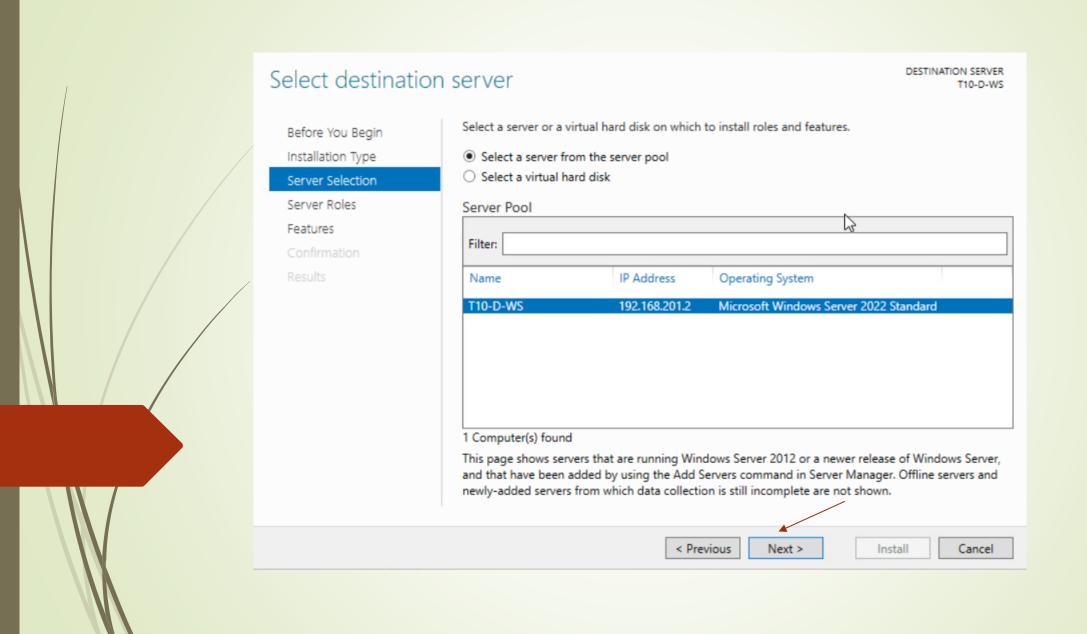
Open server manager

Select the "Manage" Tab

Select "Roles and Features"

Select the default and click "Next"





Under "Roles"
Select the "Active
Directory Domain
Services" and the
"DNS Server"
options.

Under "Features" make sure that "Group Policy Manager" is selected.

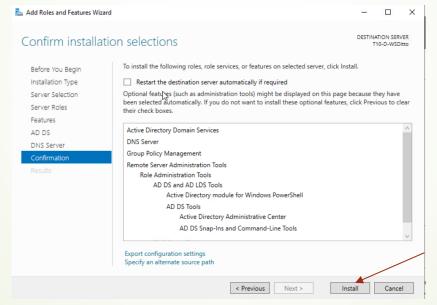
Click Next and then click Next on the following two pages.

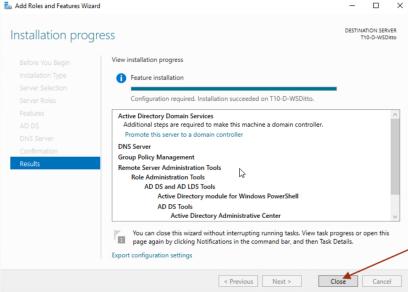
select	one or more roles to install on the selected server
Roles	Active Directory Certificate Services Active Directory Domain Services Active Directory Federation Services
	Active Directory Lightweight Directory Services Active Directory Rights Management Services Device Health Attestation DHCP Server DNS Server
A	Fax Server File and Storage Services (1 of 12 installed) Host Guardian Service Hyper-V Network Policy and Access Services Print and Document Services Remote Access
	Remote Desktop Services Volume Activation Services Web Server (IIS) Windows Deployment Services Windows Server Update Services

	.NET Framework 3.5 Features
	.NET Framework 4.8 Features (2 of 7 installed)
4	Azure Arc Setup (Installed)
	Packground Intelligent Transfer Service (BITS)
	BitLocker Drive Encryption
	BitLocker Network Unlock
	BranchCache
	Client for NFS
	Containers
	Data Center Bridging
	Direct Play
	Enhanced Storage
	Failover Clustering
4	Group Policy Management
	Host Guardian Hyper-V Support
	I/O Quality of Service
	IIS Hostable Web Core
	Internet Printing Client
ī	IP Address Management (IPAM) Server

Click "Install"

Once the Installation has finished Click "Close"





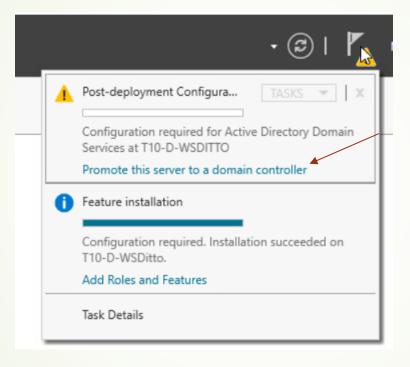
Click on the exclamation flag and then select "Promote this server to domain controller".

When the Active Directory
Domain Services
Configuration
Wizard opens,
Select "Add a new forest".

Enter your

Domain name

and click "Next".



Select the deployment operation

Add a domain controller to an existing domain

Add a new domain to an existing forest

Add a new forest

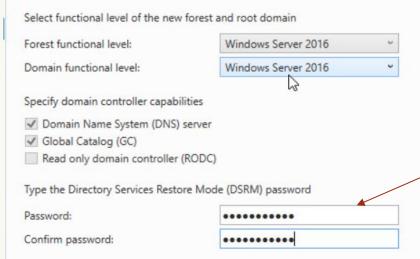
Specify the domain information for this operation

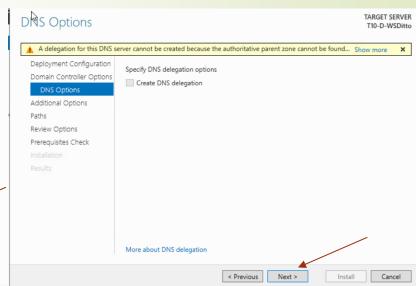
Root domain name:

Enter a DSRM Password

Çlick "Next"

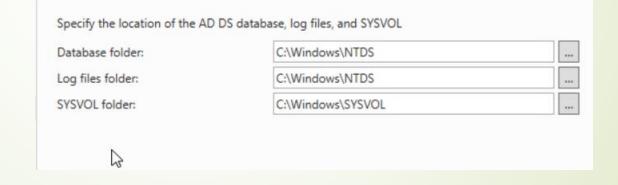
On the DNS Options page click "Next"





On the other Options Page and the Paths page leave the default settings and click "Next".

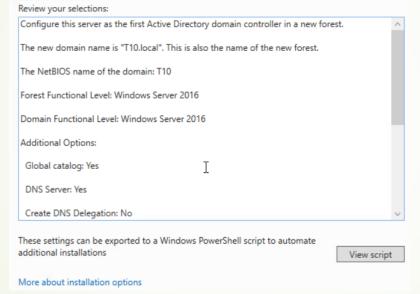
Verify the NetBIOS name assigned	to the domain and chang	ge it if necessary
The NetBIOS domain name:	T10	

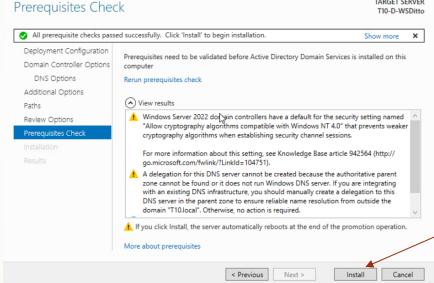


Review options then click "Next".

Once
Prerequisite
Check is
completed
click "Install".

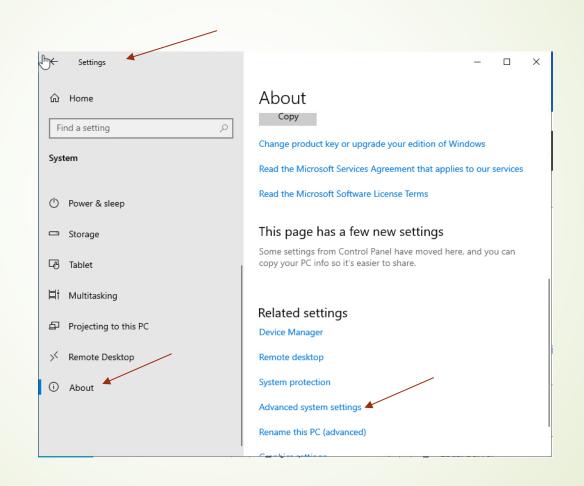
The Server will automatically restart.





Join Windows Computer to a Domain

On the
Windows
computer
you want to
join to the
domain, go
to Settings >
About >
Advanced
System
Settings



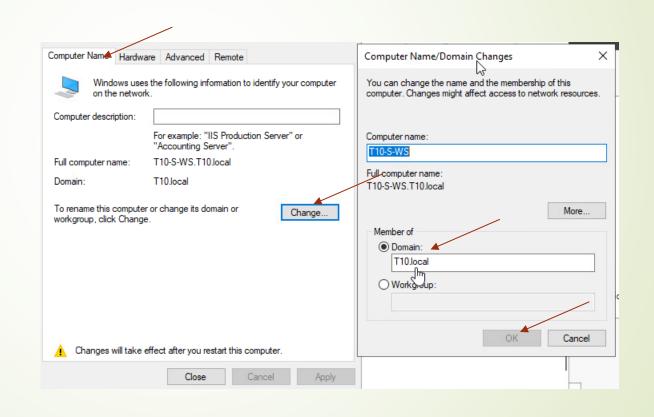
Join Windows Computer to a Domain

Select the "Computer Name" tab

Click "Change" to rename the computer or change its domain or workgroup

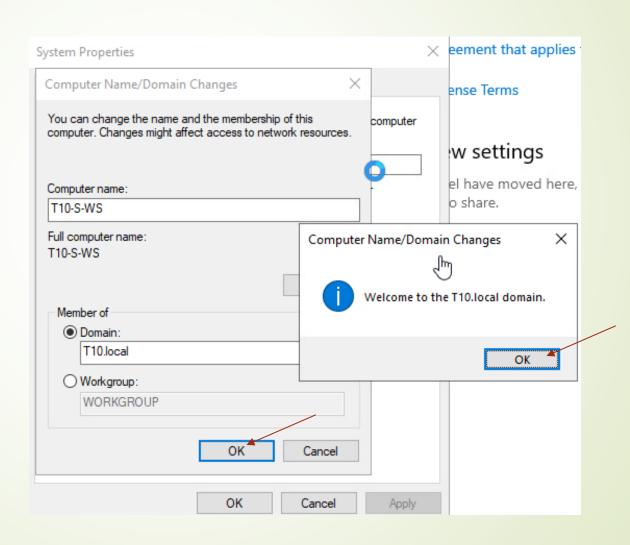
Select "Domain" then enter the domain name

Select OK



Join Windows Computer to a Domain

Once welcome confirmation is received, click OK, then OK



Install Cockpit

```
[cditto@T10-D-AL3 ~]$ sudo dnf install cockpit-podman cockpit-machines cockpit-n
etworkmanager cockpit-packagekit
[cditto@T10-D-AL3 ~]$ sudo systemctl enable --now cockpit.socket
[cditto@T10-D-AL3 ~]$ sudo systemctl start cockpit cockpit.socket
[cditto@T10-D-AL3 ~]$ sudo systemctl status cockpit
  cockpit.service - Cockpit Web Service
   Loaded: loaded (/usr/lib/systemd/system/cockpit.service; static; vendor pres>
   Active: active (running) since Fri 2024-02-16 19:39:06 CST; 8s ago
     Docs: man:cockpit-ws(8)
  Process: 532788 ExecStartPre=/usr/libexec/cockpit-certificate-ensure --for-co>
 Main PID: 532795 (cockpit-tls)
    Tasks: 1 (limit: 23500)
   Memory: 700.0K
   CGroup: /system.slice/cockpit.service
           └─532795 /usr/libexec/cockpit-tls
Feb 16 19:39:06 T10-D-AL3.localdomain systemd[1]: Starting Cockpit Web Service.>
Feb 16 19:39:06 T10-D-AL3.localdomain systemd[1]: Started Cockpit Web Service.
[cditto@T10-D-AL3 ~]$ sudo firewall-cmd --permanent --add-service=cockpit
```

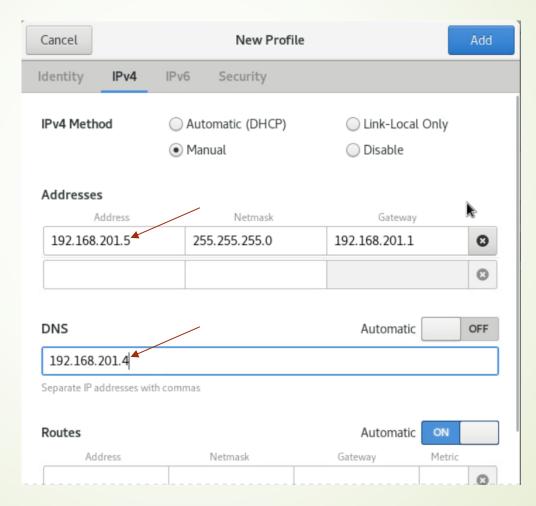
[cditto@T10-D-AL3 ~]\$ suso firewall-cmd --reload

Join a Linux Machine to a Domain Using Cockpit

Check IP configuration to make sure DNS is pointing to the DNS server the Domain is using (Once DNS and DCHP is set up in active Directory this step should already be done for you)

Get The IP address of the machine cockpit is installed on

Open a web-browser and enter the <IP Address>:9090



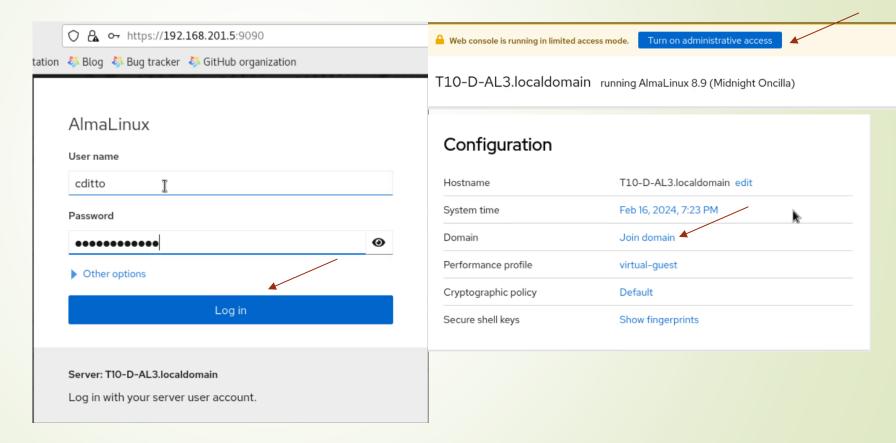
Forever-Fix	m Firefox Privacy Not				
Q https://192.168.201.5:9090					
⊕ https://1	.92.168.201.5:9090/ –				
This time, se	earch with: G &				

Join a Linux Machine to a Domain Using Cockpit

Sign in using credentials for the machine

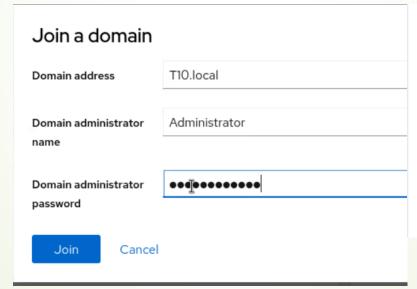
Change limited access settings and turn on administrator access

Scroll down and select "join Domain"



Join a Linux Machine to a Domain Using Cockpit

Enter
Domain
credentials
then click
"Join"



Configuration				
Hostname	T10-D-AL3.localdomain			
System time	Feb 16, 2024, 7:26 PM			
Domain	T10.local			
Performance profile	virtual-guest			
Cryptographic policy	Default			
Secure shell keys	Show fingerprints			

Check Active Directory for Joined Computers

On the Domain
Controller go to server
manager

In the right hand corner select the "Tools" tab

Select "Active Directory User and Computers"

Select desired Domain and then the "Computer" folder

All domain computers should be listed.

