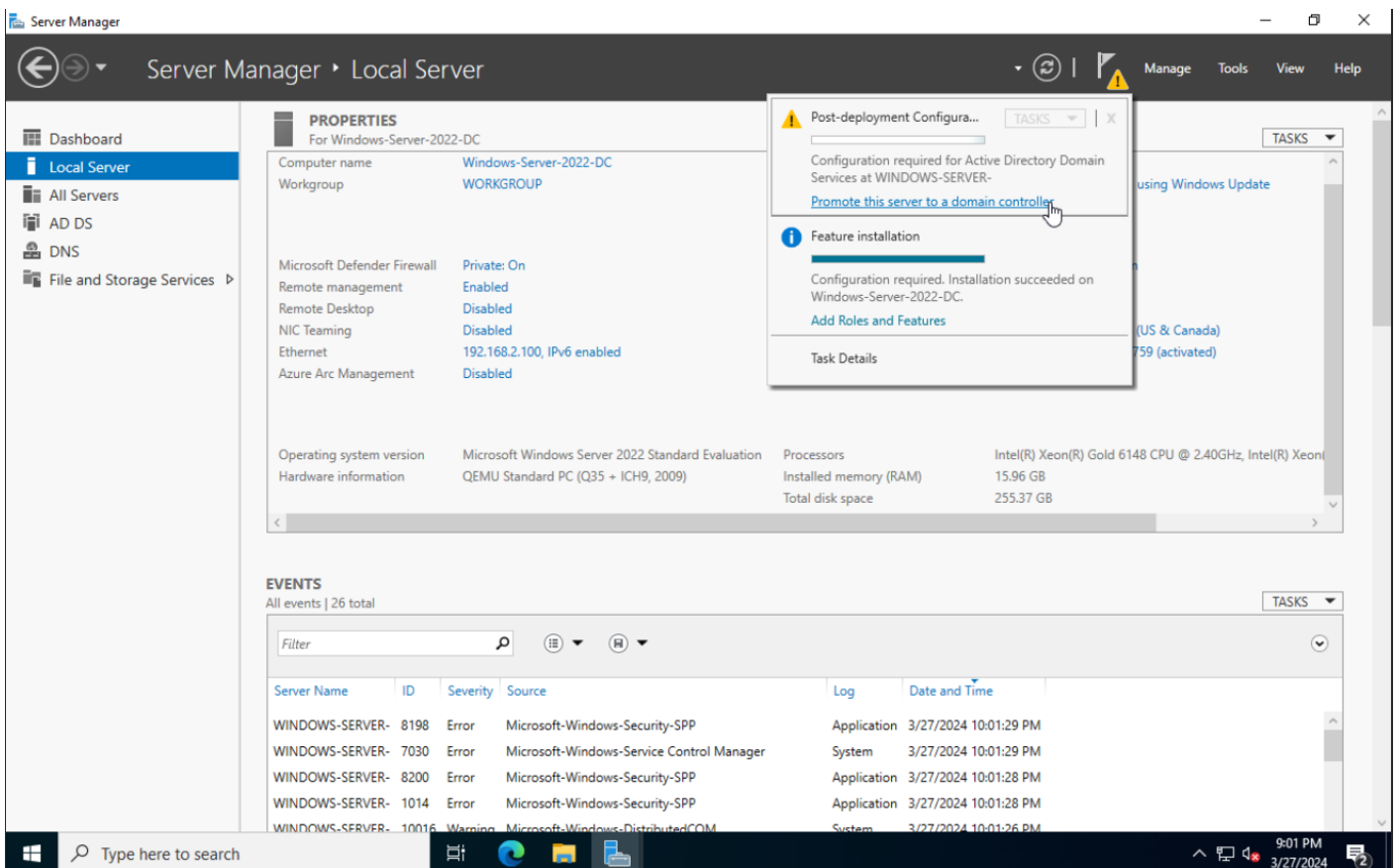


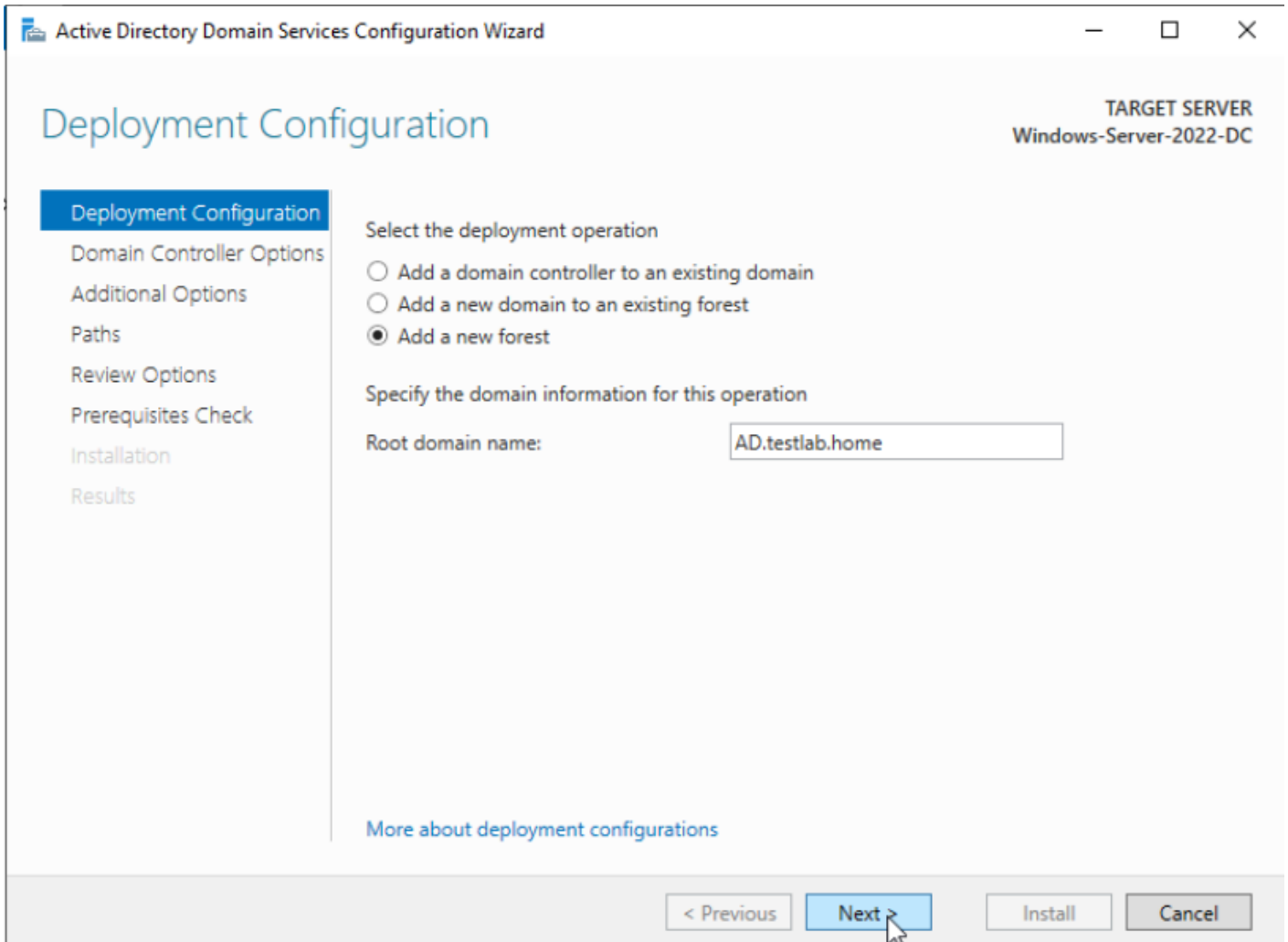
Setting Up Server as Active Directory Domain Controller

Keeping it simple, select install Active Directory Domain Services and DNS Server, via Manage ---> Add Roles and Features.

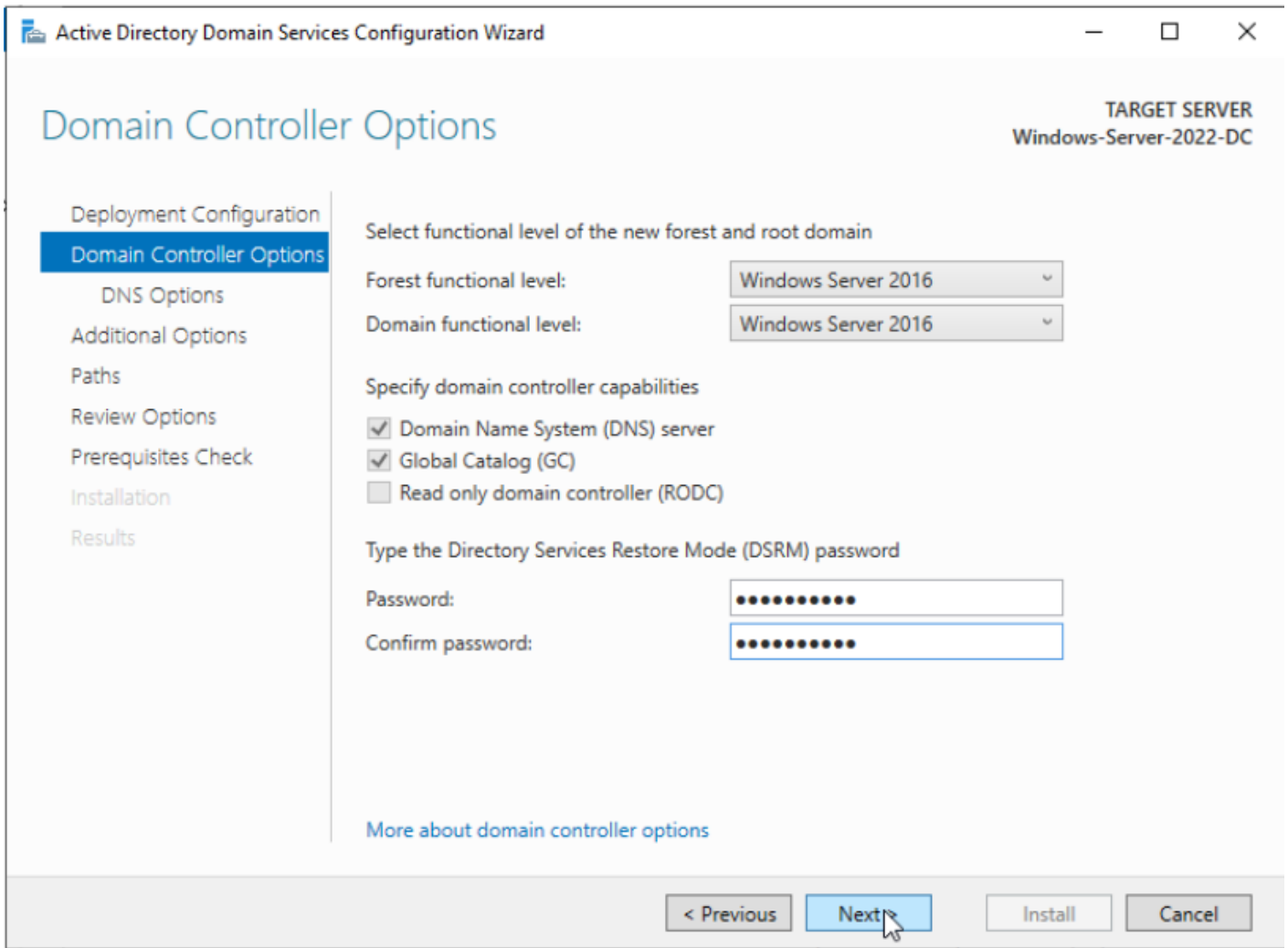
After installation, promote your Windows server to a Domain Controller :



A Deployment Configuration Wizard screen will pop-up. This step is important to properly setting up active directory services! Select Add a new Forest to begin the configuration wizard:



- Here you can see I've entered AD.testlab.home as my Root Domain Name



- Here you can set levels if you plan on connecting other Windows Servers. For my purposes, I'll be keeping it at its default of Windows Server 2016
- Set your DSRM password and store it safely.

If you're setting this up in a test environment, you'll likely see the following warning pop-up. For our purposes, this is okay:

Active Directory Domain Services Configuration Wizard

TARGET SERVER
Windows-Server-2022-DC

DNS Options

⚠ A delegation for this DNS server cannot be created because the authoritative parent zone cannot be found... [Show more](#) ✕

- Deployment Configuration
- Domain Controller Options
- DNS Options**
- Additional Options
- Paths
- Review Options
- Prerequisites Check
- Installation
- Results

Specify DNS delegation options

DNS Options

⚠ A delegation for this DNS server cannot be created because the authoritative parent zone cannot be found or it does not run Windows DNS server. If you are integrating with an existing DNS infrastructure, you should manually create a delegation to this DNS server in the parent zone to ensure reliable name resolution from outside the domain "AD.testlab.home". Otherwise, no action is required.

OK

[More about DNS delegation](#)

< Previous Next > Install Cancel

Click through Additional Options, Paths, and Review Options to get to the prerequisite checks:

Active Directory Domain Services Configuration Wizard

TARGET SERVER
Windows-Server-2022-DC

Prerequisites Check

✔ All prerequisite checks passed successfully. Click 'Install' to begin installation. [Show more](#) ✕

- Deployment Configuration
- Domain Controller Options
 - DNS Options
 - Additional Options
 - Paths
 - Review Options
 - Prerequisites Check**
 - Installation
 - Results

Prerequisites need to be validated before Active Directory Domain Services is installed on this computer

[Rerun prerequisites check](#)

⬆ View results

⚠ Windows Server 2022 domain controllers have a default for the security setting named "Allow cryptography algorithms compatible with Windows NT 4.0" that prevents weaker cryptography algorithms when establishing security channel sessions.

For more information about this setting, see Knowledge Base article 942564 (<http://go.microsoft.com/fwlink/?LinkId=104751>).

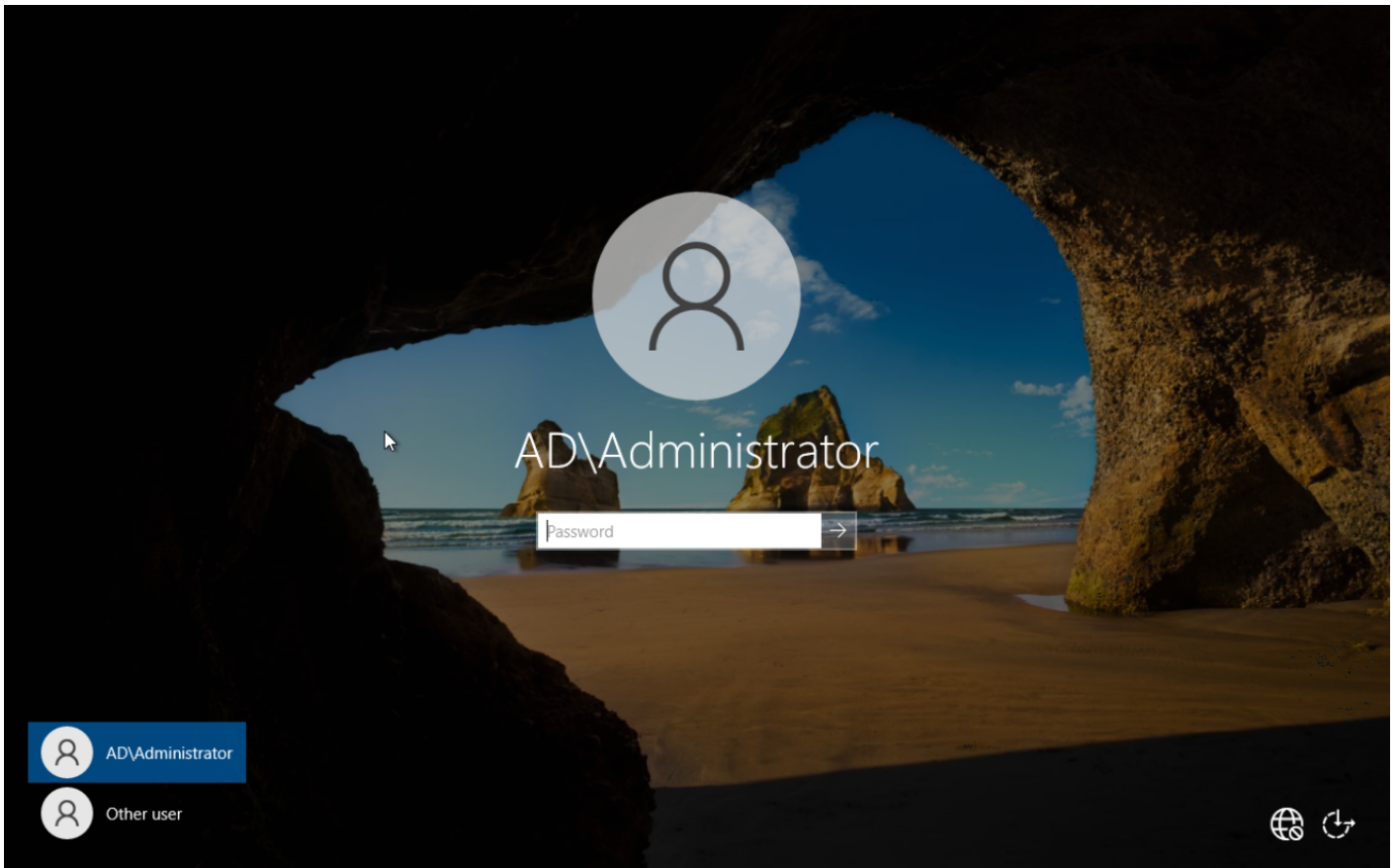
⚠ A delegation for this DNS server cannot be created because the authoritative parent zone cannot be found or it does not run Windows DNS server. If you are integrating with an existing DNS infrastructure, you should manually create a delegation to this DNS server in the parent zone to ensure reliable name resolution from outside the domain "AD.testlab.home". Otherwise, no action is required.

⚠ If you click Install, the server automatically reboots at the end of the promotion operation.

[More about prerequisites](#)

< Previous Next > **Install** Cancel

- Again, these warnings are okay for test environments. For production, you'll want to acknowledge them and make changes accordingly.
- After installation, the server will need to restart, and you should now be able to log in as Domain Administrator, which should say AD/administrator:



Useful Tips:

- If you're like me, you're using an evaluation copy of Windows and don't have any plans of purchasing a costly license anytime soon. To rearm the license and reset the count back to 180 days, run the following command in PowerShell:

- `slmgr -rearm`

Revision #2

Created 2024-03-28 03:58:57 UTC by Austin

Updated 2024-03-28 04:23:21 UTC by Austin