

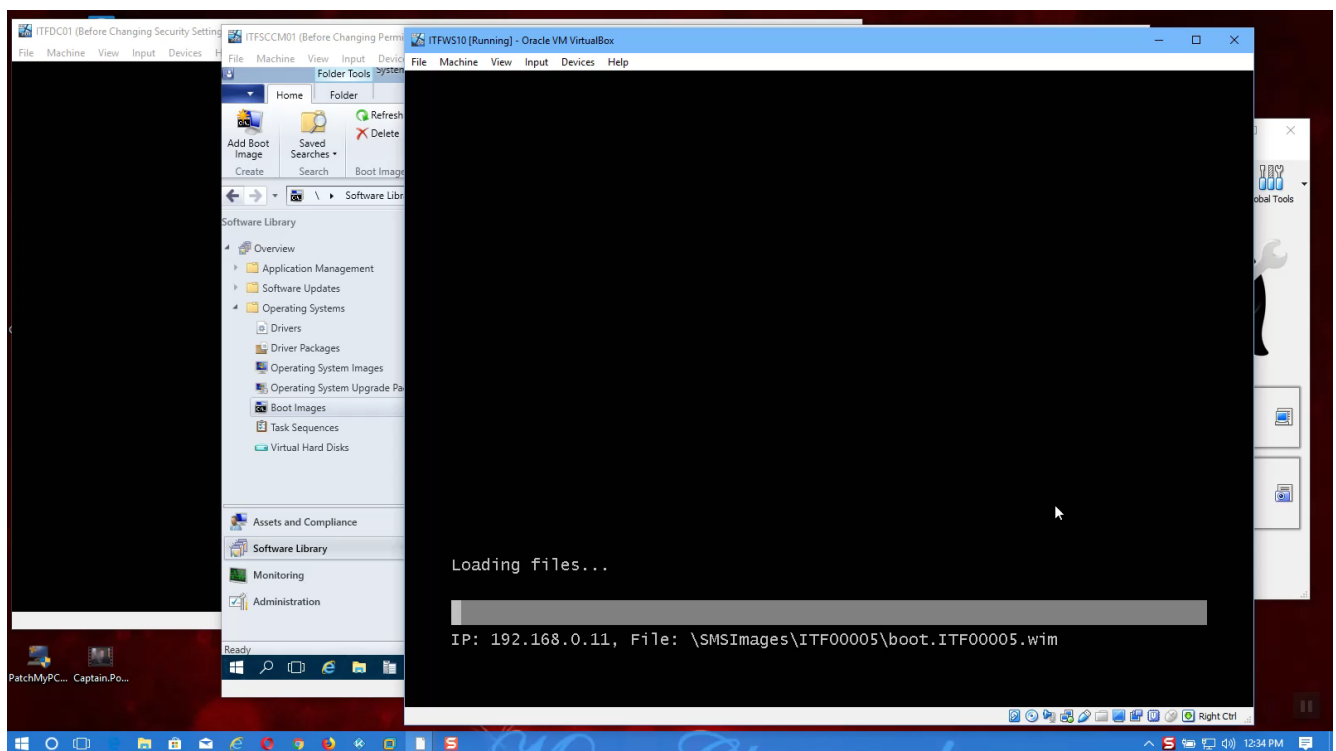
## OSD Fails Initializing Windows PE

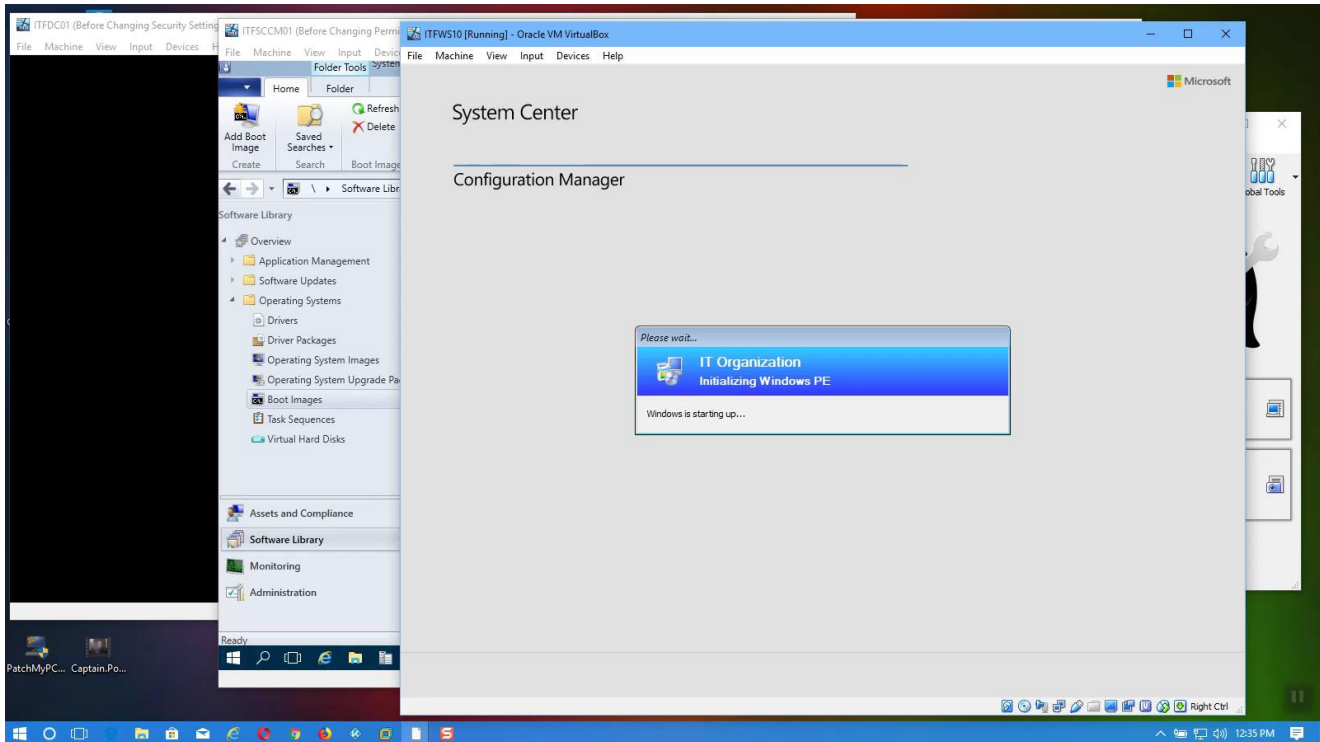
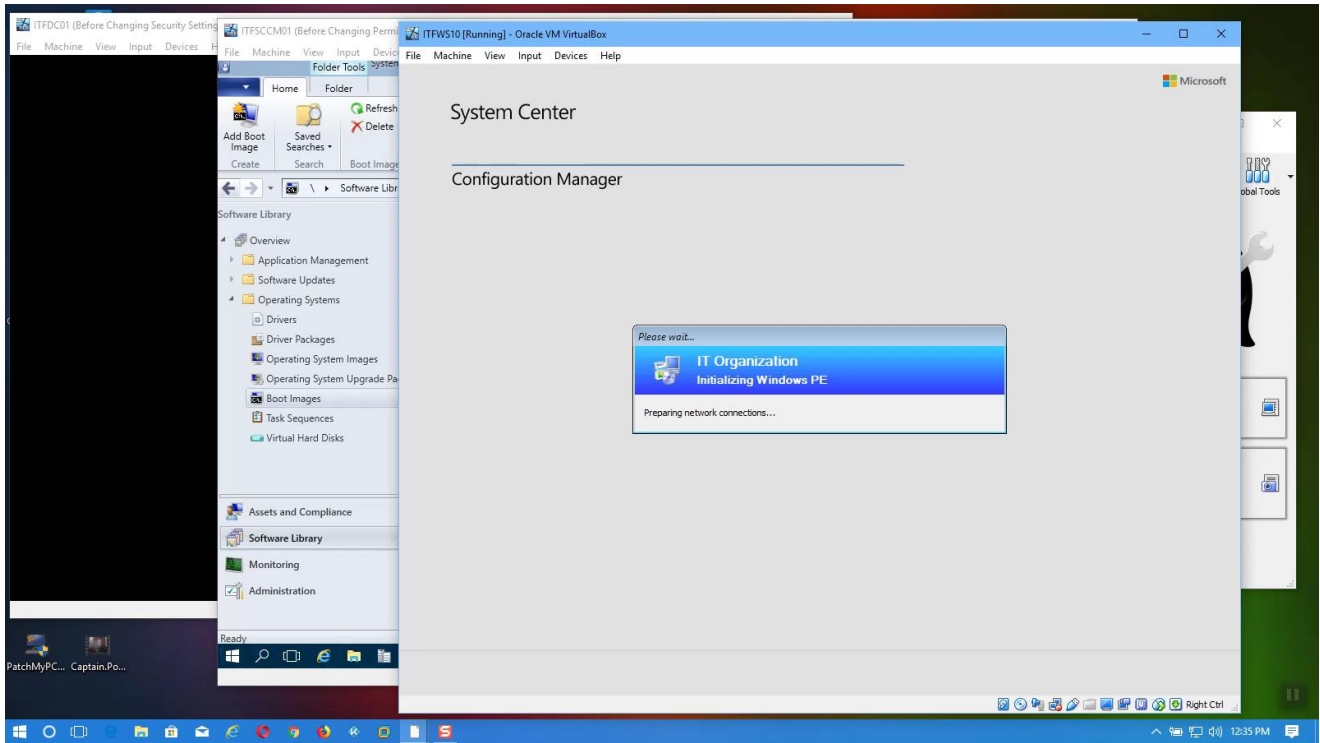
### SMSTS.log error - pxegetpxedata failed with 0x80070005

[Carl](#)

· 7 days ago

Hey guys, I'm having a similar issue but I don't get quite as far. My PXE boot works fine but once the PE starts and it says "Preparing network connections..." it restarts. I've been searching online for solutions and banging my head against the wall for about two weeks about this. I've tried adding network drivers as some sites suggested but that didn't make a difference either. A coworker of mine is taking the same course and having the same issue. I've also verified the steps you suggested Robert and added the account to software distribution that Alstud suggested. Any help you guys can provide would be greatly appreciated.





Hello Carl,

Ok try this,

### Using the **SMSTS.log** to troubleshoot failed Task Sequences.

if you created a task sequence and it is failing, in one of the lectures I told you how to setup command support. Those instruction are in the “Adding an O/S to Configuration Manager lecture”. You will need to check to be sure that the command support switch is turned on in the properties of the boot image that you are using.

When the TS fails press f8, you will need access to the smsts.log file. You could try the following copy **SMSTS.log** to a USB key or a network share.

When a Task Sequence Deployment fails with an error, proceed with the following instructions to extract the required log files:

- Click on **F8** when the Task Sequence fails to display the command prompt window.
- If you plug a USB drive then make sure that it is mapped (usually it is mapped as E:\ drive so make sure that you can access the drive from the command prompt windows). You can use **Diskpart> List Volume** command to figure out which drive letter is assigned by the operating system to the mounted USB drive.
- Otherwise, you can manually map a shared folder using **net use [Drive\_Letter]: \\server\share** command where **server** is your File Server Name or IP, **share** is your share name and **[Drive\_Letter]** is the letter of your new drive (Example: Z:).
- Use **xcopy** to proceed with copying the log file. The command to use is **xcopy [Source\_Folder] [Destination\_Folder]** where **[Source\_Folder]** is the folder where the log resides (You can refer to the previous table to get the log file location. It is better to copy the parent folder instead of copying only **SMSTS.log** file as you might find other useful logs inside. To copy all the folder content, you need to specify the location using this format **Folder\_Path\\*. \*** (Example: x:\windows\temp\SMSTSLog\\*. \*)) and **[Destination\_Folder]** is the destination folder you would like to use to copy the logs (Simply use the mapped drive of your USB drive or the network share as destination).

or this link will give you the location of the smsts.log at different phases of the OSD process.

[This link will help you find the smsts.log file](#)

Thanks,

Robert

Below is part of the SMSTS.log file

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## WINDOWS ADK COMPATIBILITY CHART

Here's the table for Windows ADK compatibility with SCCM Current Branch, as the time of posting.

Windows 10 ADK release	Configuration Manager 1610	Configuration Manager 1702	Configuration Manager 1706
1607	✓	BC	✗
1703	✗	✓	✓
1709	✗	✗	✓
Key			
✓ = <b>Supported</b> - Windows recommends using the Windows ADK that matches the version of Windows you are deploying. For example, use the Windows ADK for Windows 10 version 1703 when deploying Windows 10 version 1703.			
BC = <b>Backward compatible</b> - This combination is not tested but should work. Any known issues or caveats will be documented.			
✗ = <b>Not supported</b>			

[Robert](#) — Instructor

Hello Carl,

I have something for you to checkout. Please refer to section 3 - Configuration Manager branch and Windows ADK branch compatibility. We need to check compatibility with the new branch levels that are being downloaded by my students. This could be causing failures like you are experiencing. Anyway, I am not saying this will solve your problem but this will get everyone on the same page. Check this out and get back to me.

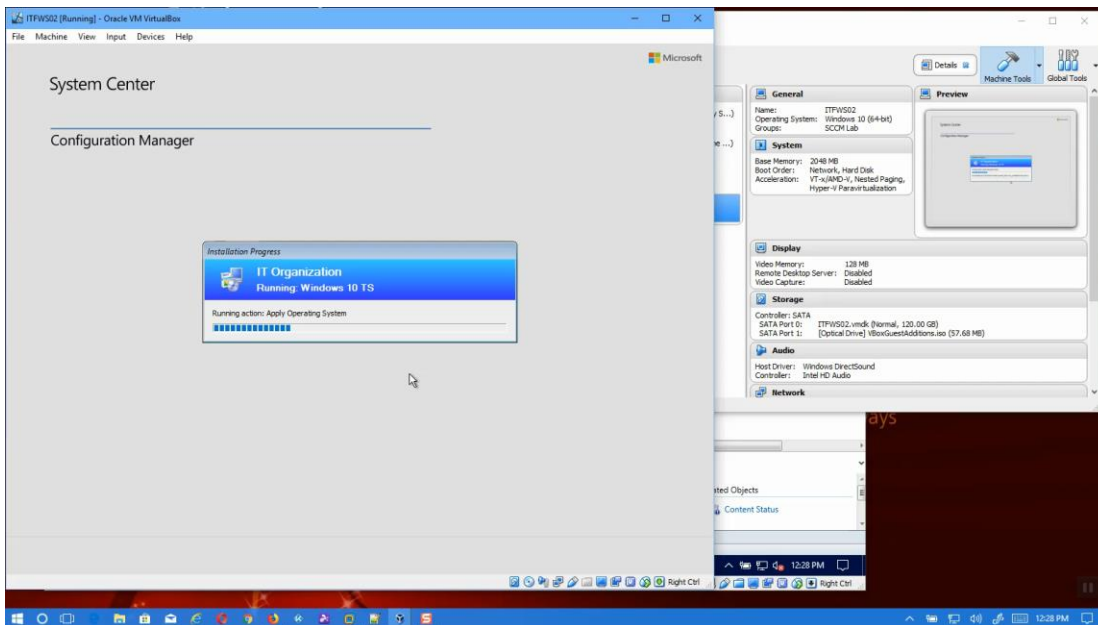
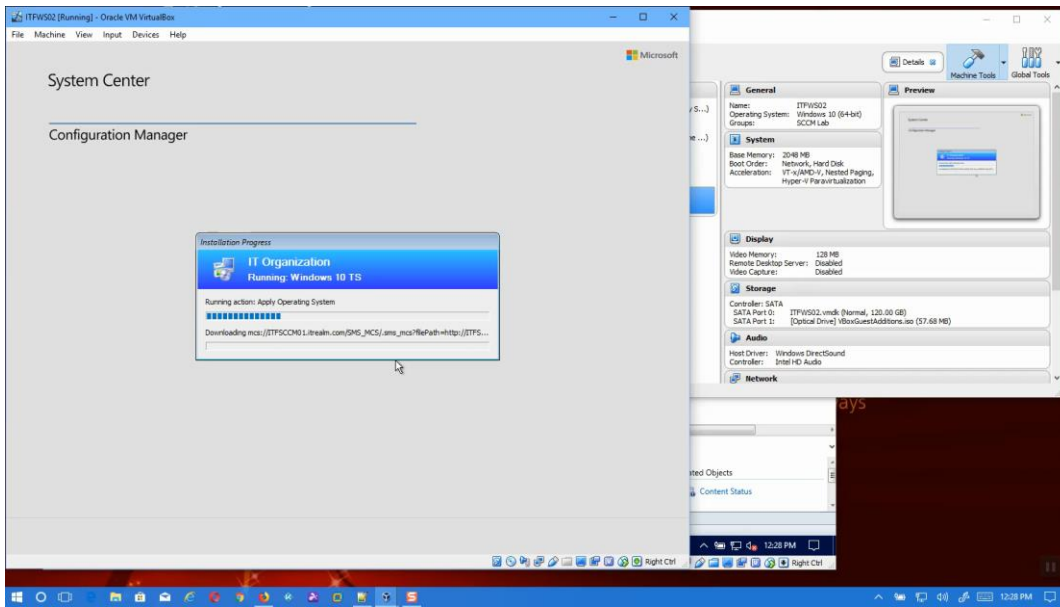
Thanks,

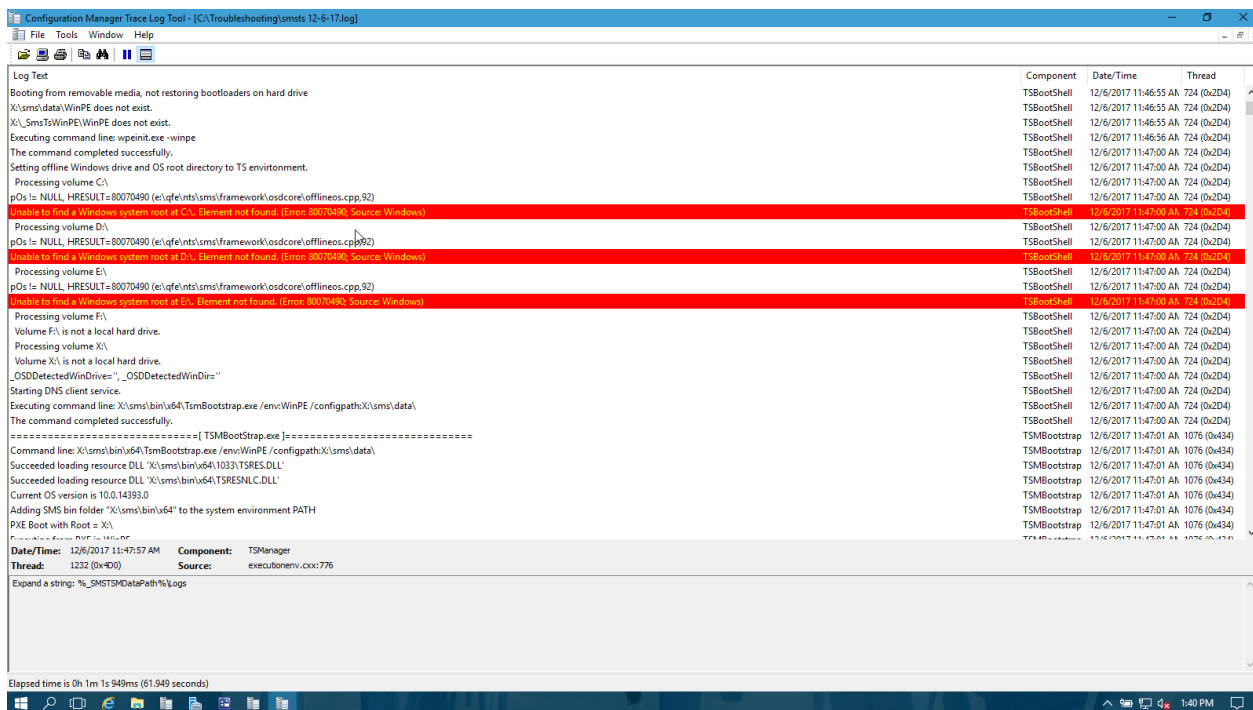
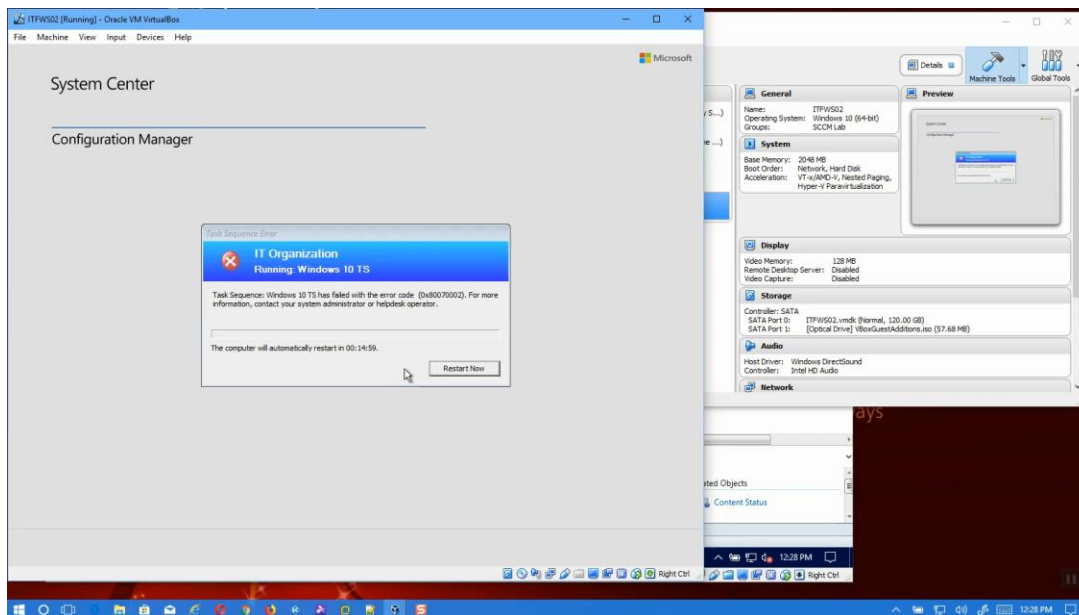
Robert

[Carl](#)

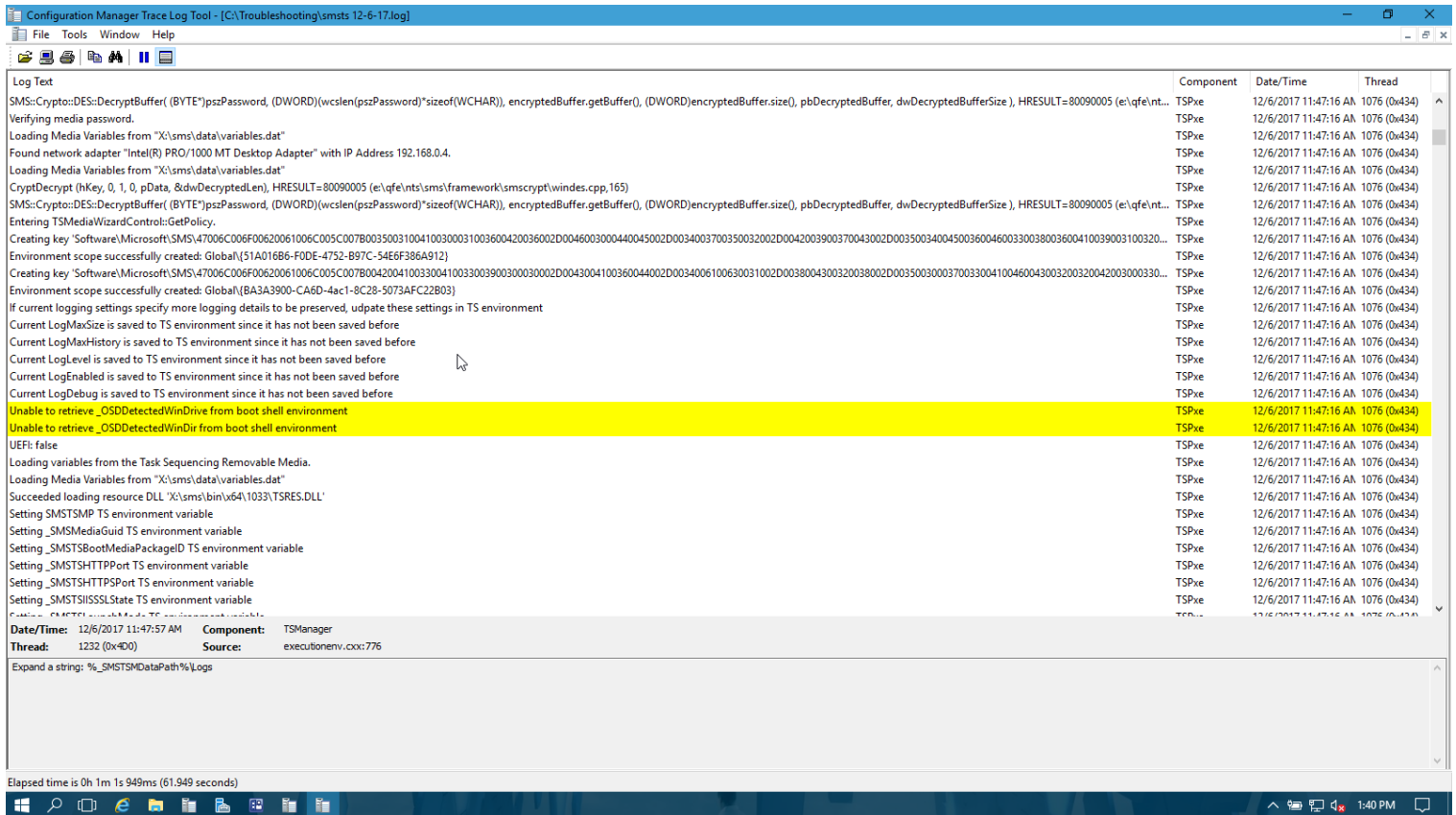
Hello Robert,

Sorry for the long delay in responding. First let me say thank you! The advise you gave helped me finally get past the issue I was having. I needed to downgraded the ADK I was using. I've completed that, also downloaded the matching version of Windows 10 Enterprise, recreated the Task Sequence, the boot files, the OS and made sure everything was distributed. Now I'm getting a new error in a different spot that I'm hoping you can help with. While it's "Applying the Operating System" I get an error. I'll post the smsts log below as well.









Let me know if you need anything else from me.

Robert — Instructor  
Hello Carl

I just put up 7 lectures under "Problems and Solutions from the message board". Especially lecture 70 (make sure you have a network access account configured) and 71.

Also, right click on your 64 bit Operating System Image (found in Software Library > Operating Systems > Operating System Images), and select "Manage Access Accounts", and then add the SCCM Administrator account.

Check those two text lectures, and those other suggestions, then we will know for sure that we are all on the same page. If you want please document your solutions so that we can add to these lectures to help some other students. I will give you credit for the solution.

<https://enterinit.com/sccm-osd-task-sequence-has-failed-with-the-error-code-0x80070002/>

Thanks,

Robert

Mark as top answer  
Carl



Hello Robert,

You are awesome! That is exactly what I needed. Turns out when I did the downgrade and replaced the task sequence, the boot images and the operating system, it removed the account I assigned from "Manage Access Accounts" and I didn't think to check that again. I am finally able to image a machine via PXE boot.

Now I can work my way through the rest of the course. You mentioned documenting my solutions. I'm not sure if you wanted me to do that here or if there somewhere else to do this so I'll put it here just in case.

First Issue: After PXE booting a VM, SCCM would close and the VM restart when it would get to "Preparing network connections..."

Solution: SCCM and the Windows ADK were not compatible versions. Downgrading to the correct ADK, recreating the boot files and the task sequence then distributing and deploying accordingly fixed the issue.

Second Issue: The task sequence would fail with error code 0x80070002 when applying the operating system

Solution: Adding the SCCMAdmin account to the Software Distribution "Network Access Account" fixed the issue and allowed me to complete a successful deployment.

Thanks again for all of your help.

**Special thanks to Carl for submitting these two problems to the message board. Special thanks to Alstud for suggesting to Carl to add a Network Access Account.**

**We are glad that we could help Carl find a solution.**