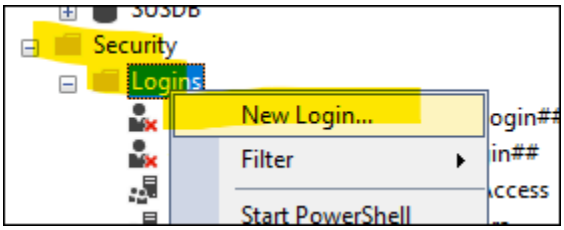
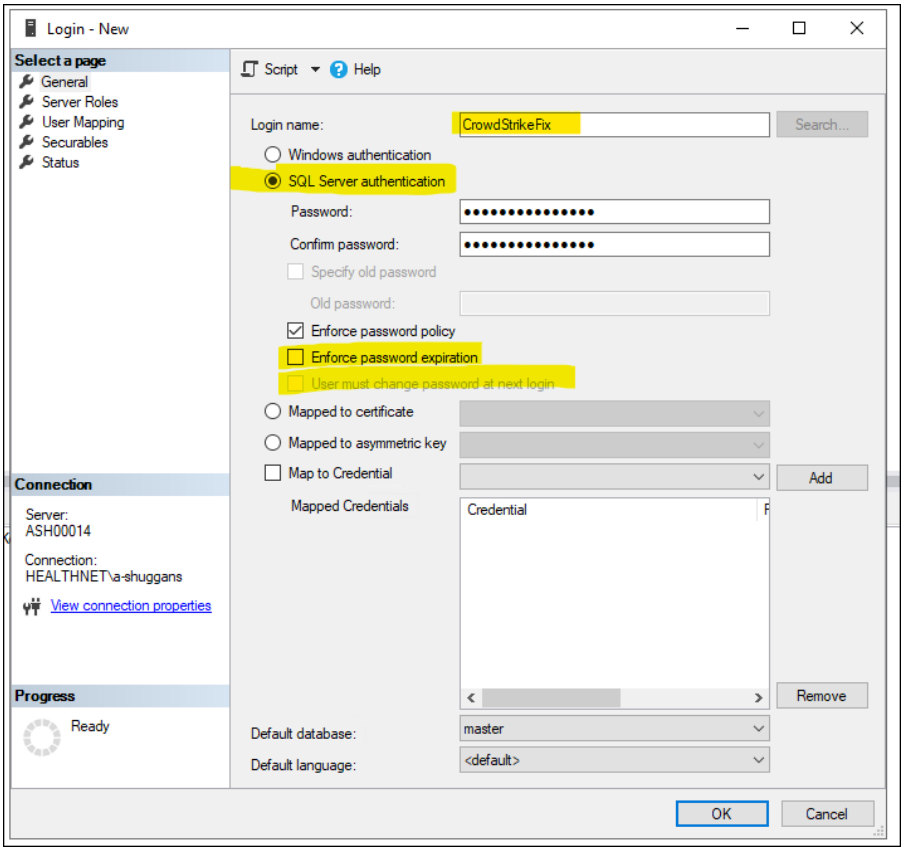
SQL User Creation

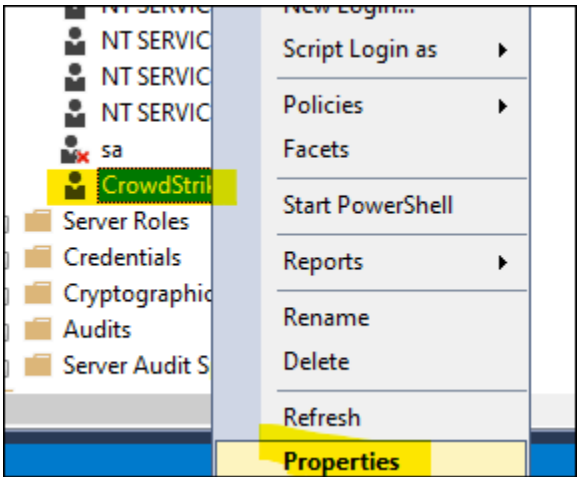
You will need to create a SQL user for your script to use to retrieve the recovery key from the MBAM or ConfigMgr database (we can't use windows auth since the Task Sequence runs from WinPE)



I made my user called "CrowdStrikeFix" – note that we switched the new user wizard to create the user with SQL Server Authentication to do this. I removed the Enforce password expiration option here (optional), which also removes the "User must change password at next logon" option (required).

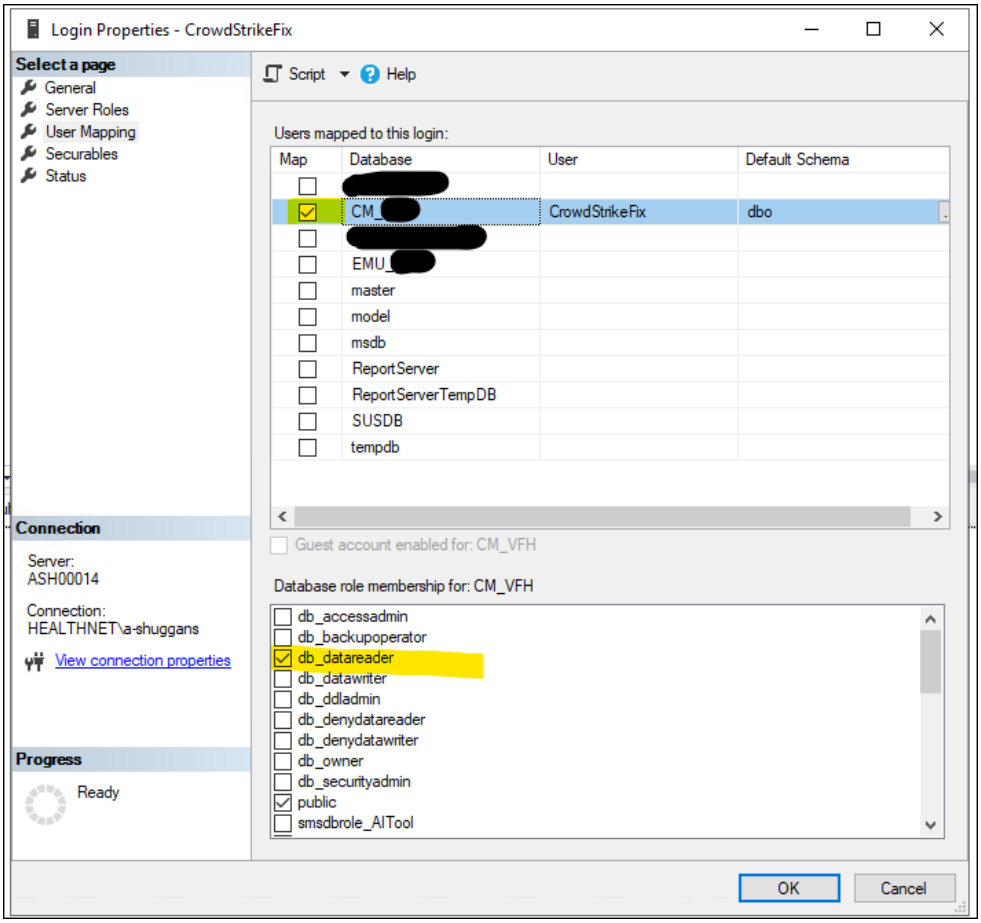


Now we need to grant the new user some permissions. Those depend on if you are using standalone MBAM or using ConfigMgr's new built-in MBAM feature (Standalone is being deprecated this year!)

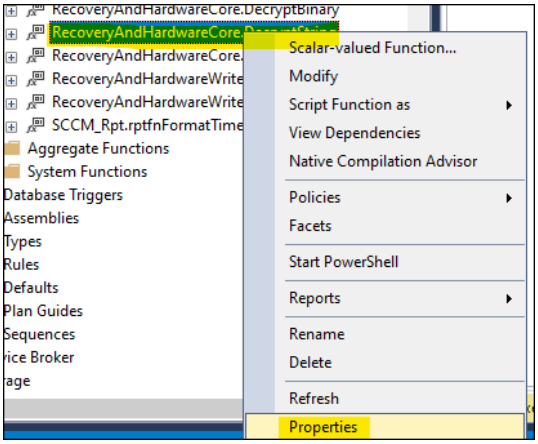


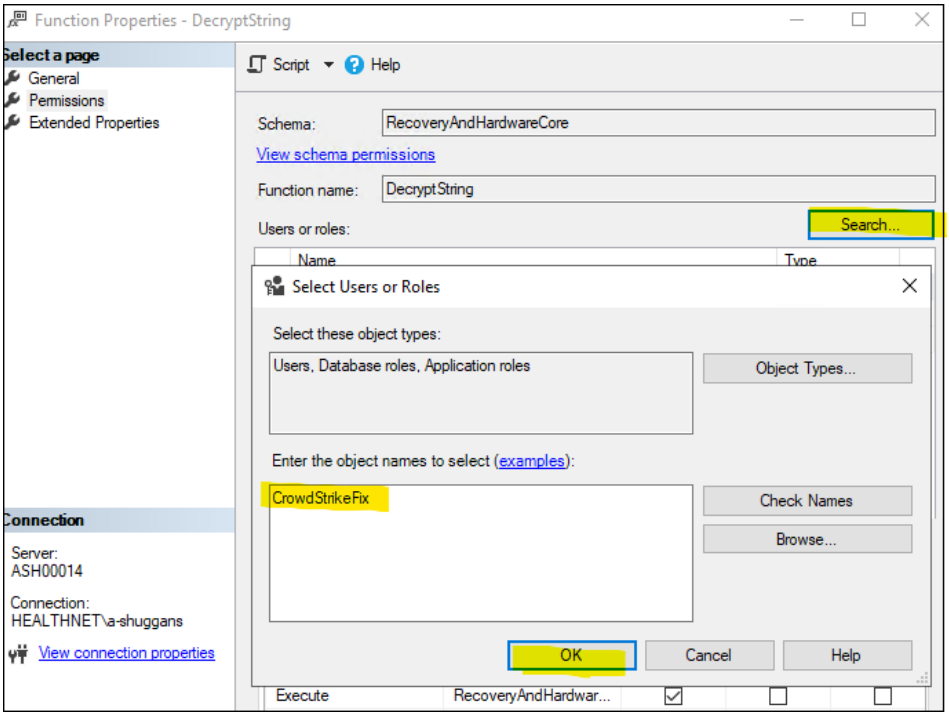
ConfigMgr MBAM:

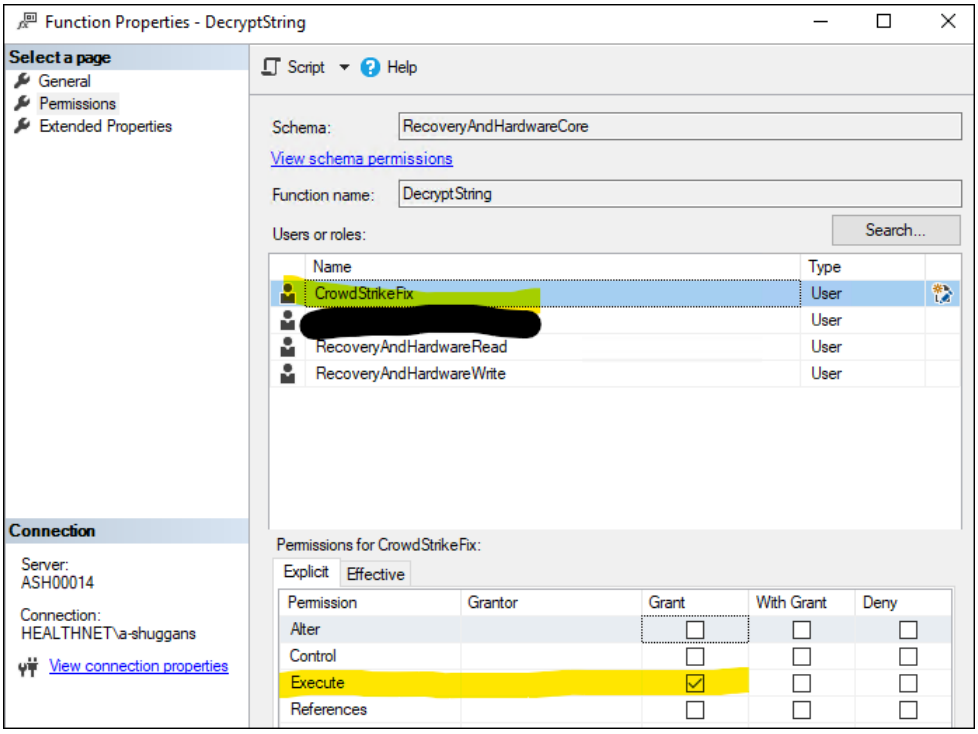
Right click our new user under logins and select properties. Under the User Mapping page, check the box next to the CM_<SiteCode> database and grant the db_datareader role.



Under the CM_<SiteCode> database, there is a directory called Scalar-Valued Functions – we need to grant execute permissions on the RecoveryAndHardwareCore.DecryptString functionfound there (Right click it and select properties):

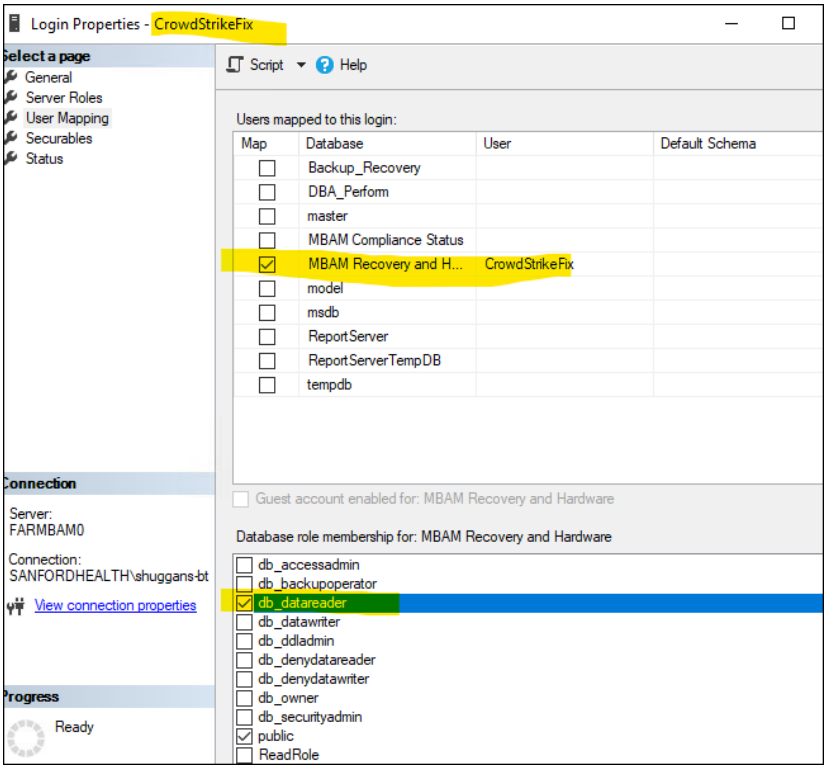






For Standalone MBAM:

We just need to grant db_datareader role to our new login for the MBAM Recovery and Hardware Service database.



Script Setup:

For the script setup, you need to set the following options to prepare the script for use in the task sequence:

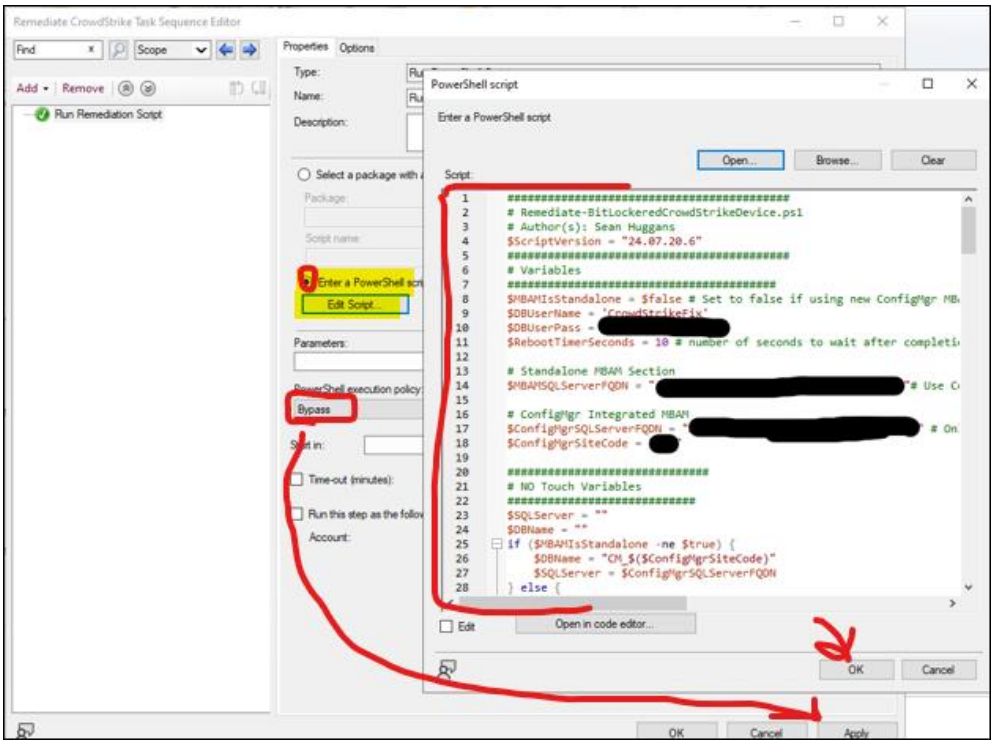
```
$MBAMIsStandalone = $false  # Set to true if you are still using standalone MBAM (Not the new built-in ConfigMgr MBAM feature)
$DBUserName = 'CrowdStrikeFix' # You can  change this if you like
$DBUserPass = 'SomeSecurePassword' # This needs to match your SQL User account's password
$RebootTimerSeconds = 10 # number of seconds to wait after completion (fail or success) before rebooting automatically
# Standalone MBAM Section - ignore if using New ConfigMgr Built-In MBAM
$MBAMSQLServerFQDN = "someserver.somedomain.somecompany.com"# Use ConfigMgr DB Server Here if ConfigMgr is using new integrated MBAM

# ConfigMgr Built-In MBAM (New feature, this is not the same as standalone MBAM with ConfigMgr integration)
$ConfigMgrSQLServerFQDN = "someserver.somedomain.somecompany.com" # Only use if your org is using new ConfigMgr MBAM feature (not standalone MBAM)
$ConfigMgrSiteCode = "FOO"
```

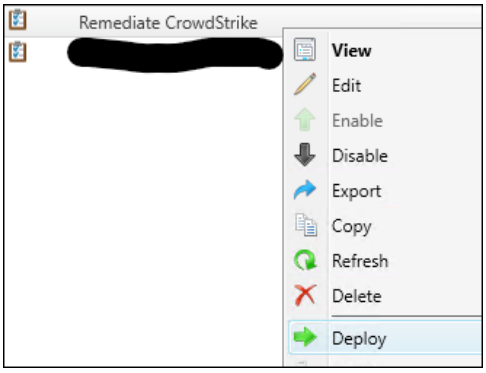
That's all for the script, we will use it in the Task sequence setup below.

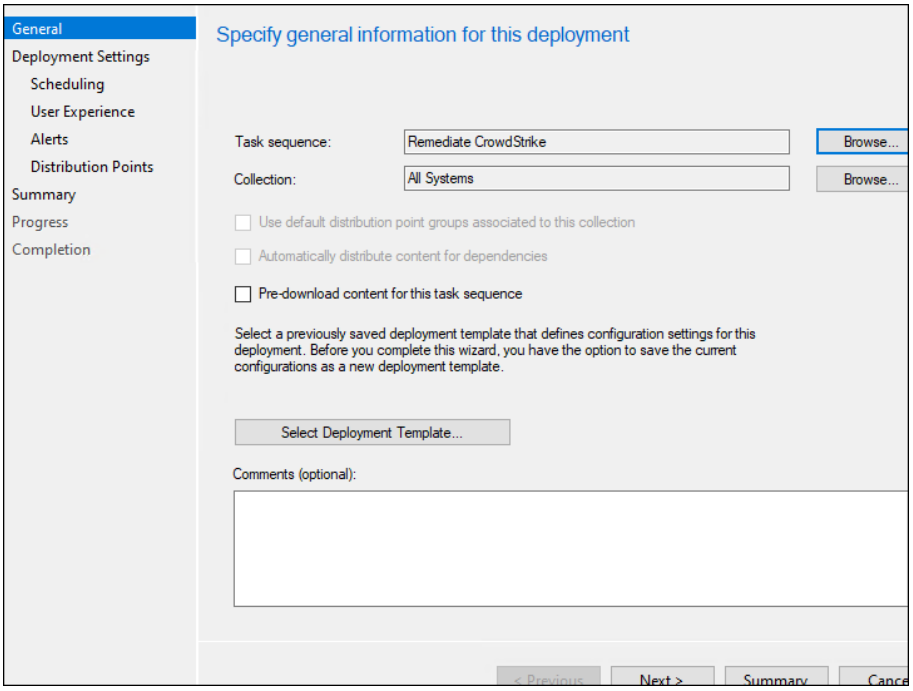
Task Sequence Setup:

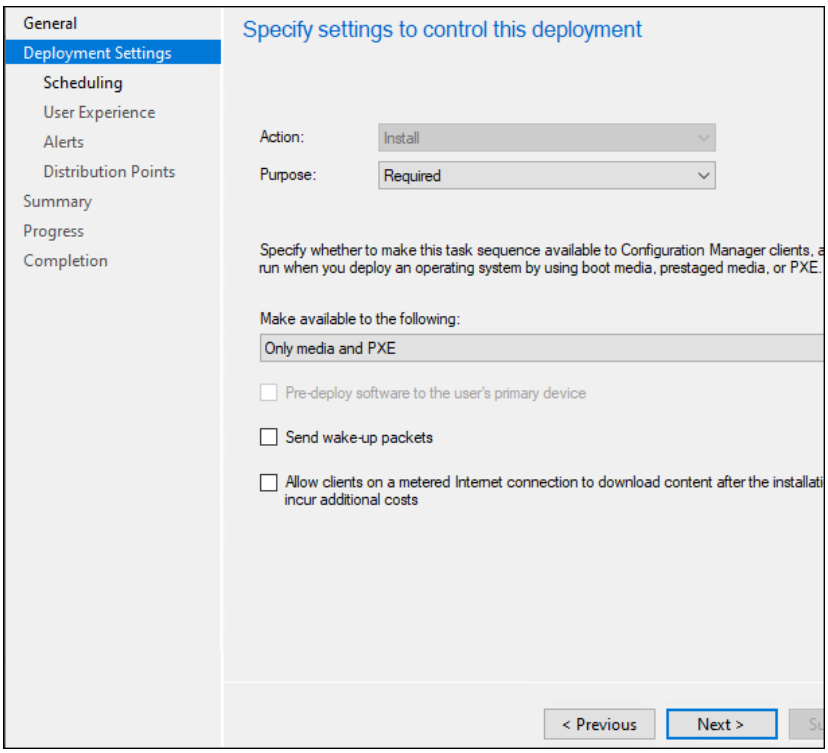
Task Sequence is simple, only one "Run a Powershell Script" step is needed. Enter the Script to avoid the need to distribute content:

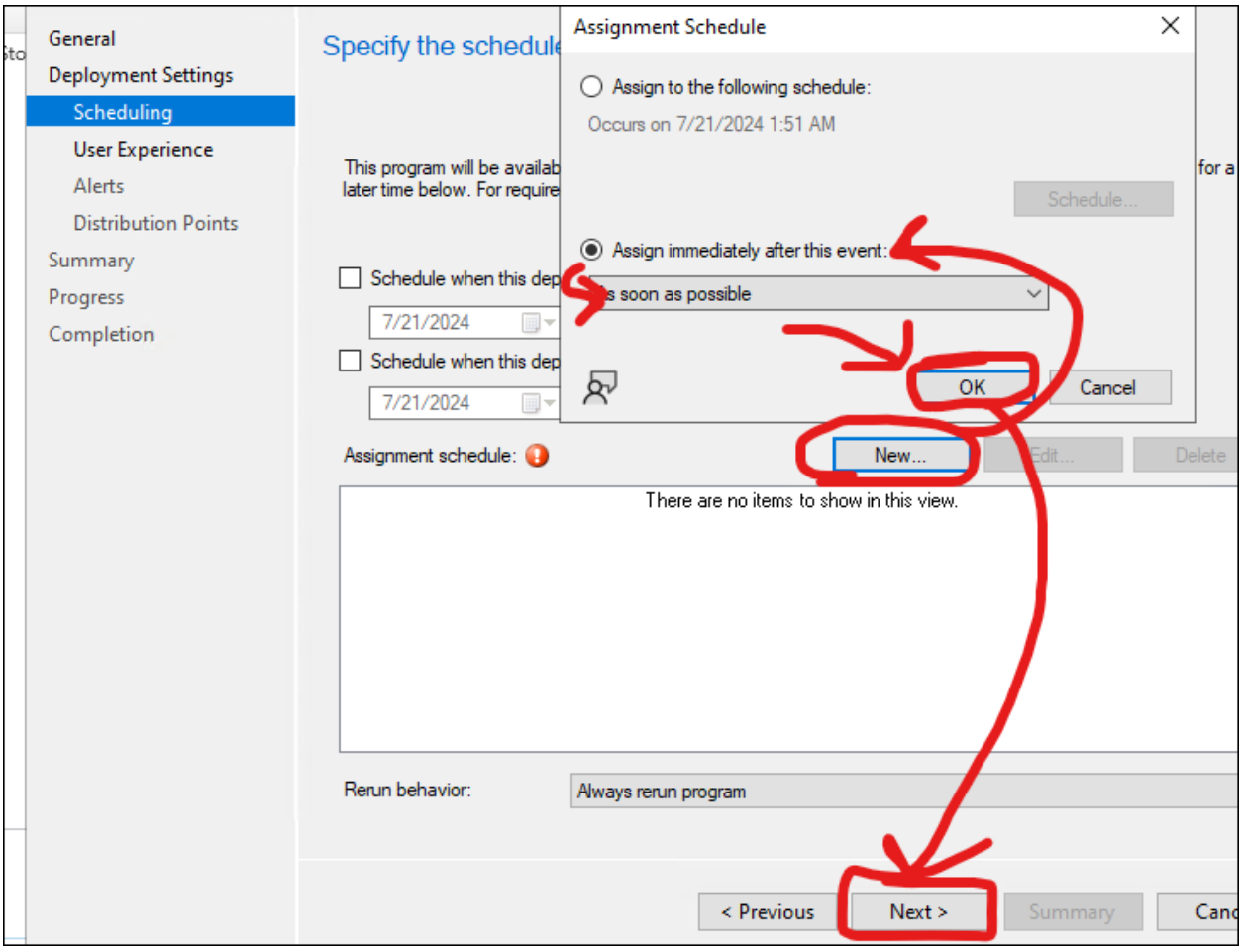


Deploy the Task Sequence to All Systems (you may have to set the option to allow the task sequence to be deployed to large collections to do this).


Remediate CrowdStrike
[redacted]
View
Edit
Enable
Disable
Export
Copy
Refresh
Delete
Deploy


General
Deployment Settings
Scheduling
User Experience
Alerts
Distribution Points
Summary
Progress
Completion
Specify general information for this deployment
Task sequence:
Remediate CrowdStrike
Browse...
Collection:
All Systems
Browse...
Use default distribution point groups associated to this collection
Automatically distribute content for dependencies
Pre-download content for this task sequence
Select a previously saved deployment template that defines configuration settings for this deployment. Before you complete this wizard, you have the option to save the current configurations as a new deployment template.
Select Deployment Template...
Comments (optional):
< Previous
Next >
Summary
Cance


General
Deployment Settings
Scheduling
User Experience
Alerts
Distribution Points
Summary
Progress
Completion
Specify settings to control this deployment
Action:
Install
Purpose:
Required
Specify whether to make this task sequence available to Configuration Manager clients, a
run when you deploy an operating system by using boot media, prestaged media, or PXE.
Make available to the following:
Only media and PXE
Pre-deploy software to the user's primary device
Send wake-up packets
Allow clients on a metered Internet connection to download content after the installati
incur additional costs
< Previous
Next >


General
Deployment Settings
Scheduling
User Experience
Alerts
Distribution Points
Summary
Progress
Completion
Specify the schedule
This program will be availab
later time below. For require
for a
Schedule when this dep
7/21/2024
Schedule when this dep
7/21/2024
Assignment schedule:
There are no items to show in this view.
Rerun behavior:
Always rerun program
< Previous
Next >
Summary
Canc
Assignment Schedule
Assign to the following schedule:
Occurs on 7/21/2024 1:51 AM
Schedule...
Assign immediately after this event:
s soon as possible
OK
Cancel
New...
Edit...
Delete

For the rest of the options, just take the defaults and apply.

At this point, you should now simply need to send users instructions on how to PXE boot your particular PC brand/models. Because of the required deployment, the task sequence should auto-run + reboot their machine, which should follow the normal boot order and boot back into a working windows since the task sequence will have nuked the bad driver.