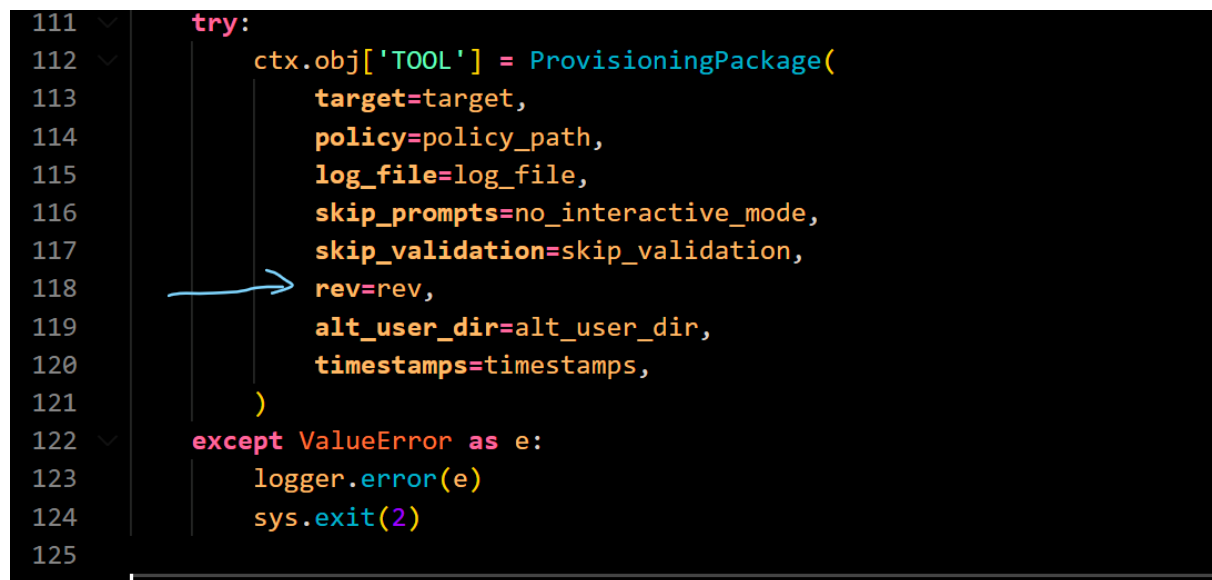# RDK3 provisioning with the ModusToolbox 3.4 version and *edgeprotecttools*

1. Open File Explorer and enter into edgeprotecttools source directory.
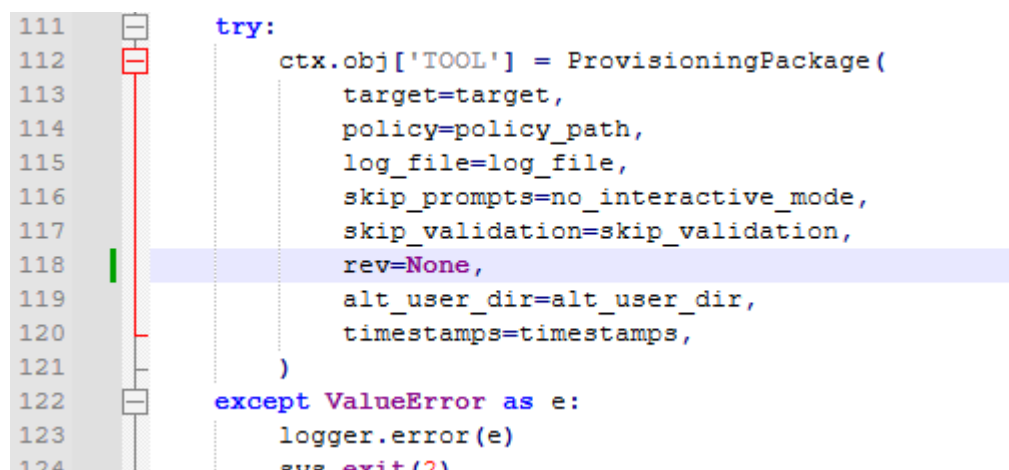Usually it will be in:
<installation directory> Infineon\Tools \ModusToolbox-Edge-Protect-Security-Suite-1.3\tools\edgeprotecttools\src\src

2. Open **cli.py** in text editor and change the vararg **rev=rev** to **rev=None** in ProvisioningPackage() object creation at line number 118.

```
111    try:
112        ctx.obj['TOOL'] = ProvisioningPackage(
113            target=target,
114            policy=policy_path,
115            log_file=log_file,
116            skip_prompts=no_interactive_mode,
117            skip_validation=skip_validation,
118            rev=rev,
119            alt_user_dir=alt_user_dir,
120            timestamps=timestamps,
121        )
122    except ValueError as e:
123        logger.error(e)
124        sys.exit(2)
125
```

```
111    try:
112        ctx.obj['TOOL'] = ProvisioningPackage(
113            target=target,
114            policy=policy_path,
115            log_file=log_file,
116            skip_prompts=no_interactive_mode,
117            skip_validation=skip_validation,
118            rev=None,
119            alt_user_dir=alt_user_dir,
120            timestamps=timestamps,
121        )
122    except ValueError as e:
123        logger.error(e)
124        sys.exit(2)
```

Save it and close the editor.

3. Open the command prompt with administrator rights and change the directory to:*<installation directory>\ModusInfineon\Tools\Toolbox-Edge-Protect-Security-Suite-1.3*
Make sure you have the Python updated to *Python 3.12.4*
Command to check:
python --version

Command to update:
python.exe -m pip install --upgrade pip

4. Run the following command to compile and install the edgeprotecttools. It will be installed in the systems/Users python library path.
python -m pip install tools/edgeprotecttools/src

You can also check where the library is installed using:
python -m pip show edgeprotecttools

5. In a text editor, paste it and remove the "site-packages" at the end and add "*Scripts\edgeprotecttools.exe*" to it and copy the resulting text:
C:\Users\GDR\AppData\Local\Programs\Python\Python312\Lib\site-packages\Scripts\edgeprotecttools.exe
It may also be found in the upper directory, for example, please make sure it exists.
C:\Users\GDR\AppData\Local\Programs\Python\Python312\Scripts

This is the path of the newly compiled edgeprotecttools.

6. Open the secure-policy-configurator *<installation directory>\ModusInfineon\Tools\ModusToolbox-Edge-Protect-Security-Suite-1.3\tools\secure-policy-configurator* and open the settings:
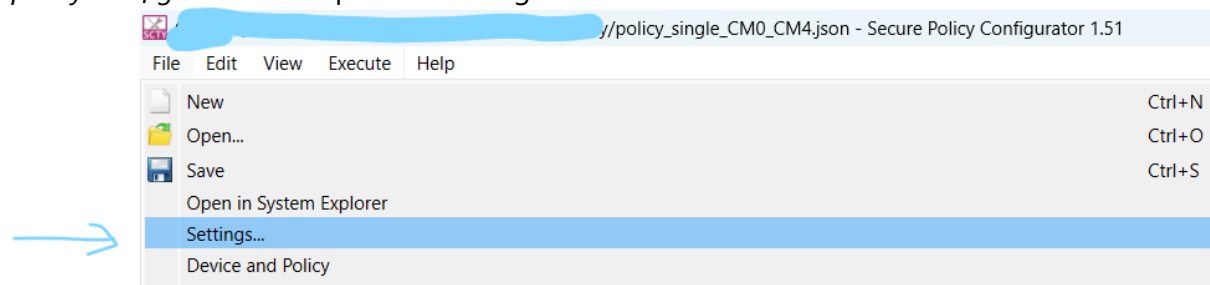
Select Custom path and paste the copied path and press OK.
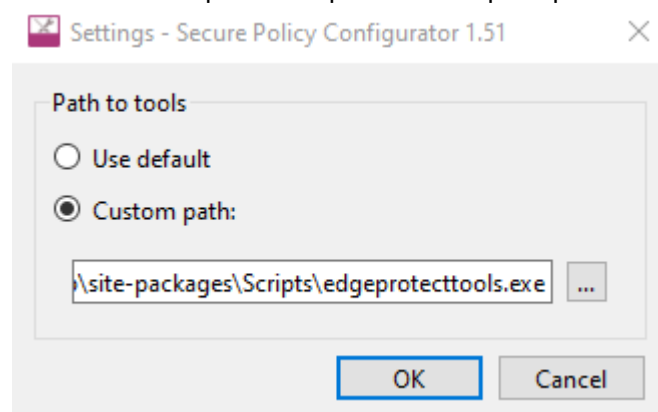
Now since the revision will be ignored, the entrance exam and provisioning may be executed.

File   Edit   View   Execute   Help

Probe: 1. COM26: KitProg3 UNDEFINED

Keys   Configuration   Certificates

ID	Description	Path	
1	Device Private Key for key derivation		
2	Device Private Key for signing (This is a copy of Key ID 1)		
3	Cypress Public Key		
4	HSM Public Key	../keys/hsm_state.json	...
5	OEM Public Key	../keys/oem_state.json	...
6	Custom Key 1		...
7	Custom Key 2		...
8	Custom Key 3	../keys/USERAPP_CM4_KEY.json	...

Notice List

Fix	Description	Location

Log

'ewoJImFsZyI6CSJFUzI1NiIKfQ.ewoJInR5cGUiOgkiREVWX1JTUCIsCgkiZGV2X21kIjoJInNpbG1
jb25faWQ9RTI2MS4yNCwgZmFtaWx5X21kPTEwMCIsCgkiZG11X21kIjoJewoJCSJsb3QiOgk5MTQxMD
U4LAoJCSJ3YWZlciI6CTEsCgkJInhwb3MiOgkyNiwKCQkieXBvcyI6CTM0LAoJCSJkYXkiOgk4LAoJC
SJtb250oaCI6CTMsCgkJIn1lYXIiOgkxMjIKCX0sCgkiZGV2X3B1Y19rZXkiOgl7CgkJImNydiI6CSJQ
LTI1NiIsCgkJImt0eSI6CSJFQyIsCgkJInVzZSI6CSJzaWciLAoJCSJraWQiOgkiMiIsCgkJIngiOgk
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dpZG1qeEpRVHh4emdXQ3Z1TmRMc1hHaDFpYkk1NzY2SjRsUjQwbyIKCX0sCgkib2VtX3B1Y19rZXkiO
gl7CgkJImNydiI6CSJQLTI1NiIsCgkJImt0eSI6CSJFQyIsCgkJInVzZSI6CSJzaWciLAoJCSJraWQi
OgkiNSIsCgkJIngiOgkidmZiN19qZXdUeHBBGVklOY1hkc1pRSkJBckM1aWdyTjBCTGM3ODNGaWdyTSI
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kicHJvZF9pZCI6CSJteV90aGluZyIsCgkiY29tcGxldGUiOgl0cnVlCn0.wc-lu4oIty6sjPgRNw9On
p9DEKun1cbB58IKsJwNhhbImBucCCGwT7vMXcCNIcf97z0uqgUVqEuPGXHE85njLA'
: E : INFO : Saved device response to 'C:
\Users\GDR\mtw\RDK3_SSS_Rev3\packets\device_response.jwt'
: E : INFO : FlashBoot firmware status = 0xa1000101
: E : INFO : **
: E : INFO :   RE-PROVISIONING PASSED
: E : INFO : **

Ready