Add New Software

In push install manual, we do remotely install product to client machine. All product in tabs product configuration is a default product of OPSI tool. Agent allowed to add/remove product on OPSI tools in order to comply operation requirement.

Only system administrator have an access to add/remove product on OPSI. Every system administrator have an **OPSI-setup-detector** installed in their local machine.

The **OPSI-setup-detector** is a tool for supporting the packaging of software to prepare for software rollouts. All the steps can be done from the graphical user interface.

Step creation:
1. **Create software installation script:**
   1. Start → OPSI Setup Detector
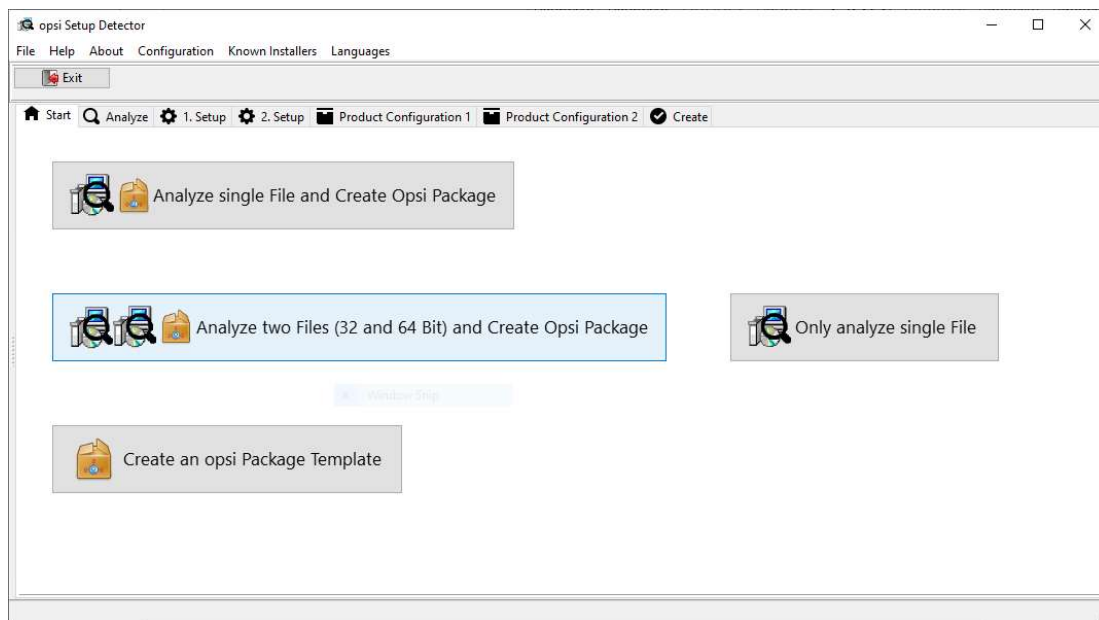
There are option available to use:

a) **Analyze single File and Create Opsi Package**
   - Analyze single setup file (32 or 64 Bit) and create opsi package script.
b) **Analyze two File (32 and 64 Bit) and Create Opsi Package**
   - Analyze both 32 and 64 bit setup file and create opsi package by combine both in one package script.
c) **Only analyze single File**
   - Check and analyze setup file but not create any package script.
d) **Create an opsi Package Template**
   - Create default template script without attach to any product setup file.

2. Choose option either **Analyze single File and Create Opsi Package** or **Analyze two File (32 and 64 Bit) and Create Opsi Package** to create software package script.
3. Select setup file to analyze
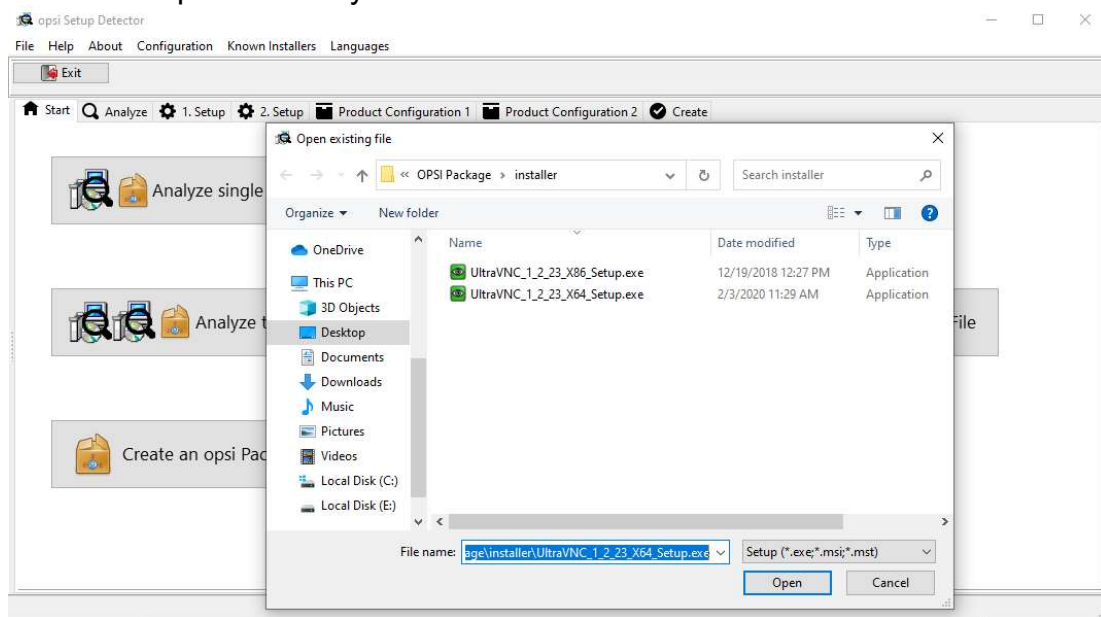
4. After product analyze, it will show details software on tabs **setup**. On this section, system administrator can edit the installDir, unattended install command and unattended uninstall command that need to use during install/uninstall software on client. Click *next* after finish setup.
   *please refer link for learn to use opsi-winst script
   https://download.uib.de/opsi_stable/doc/html/en/opsi-winst-manual/opsi-winst-manual.html
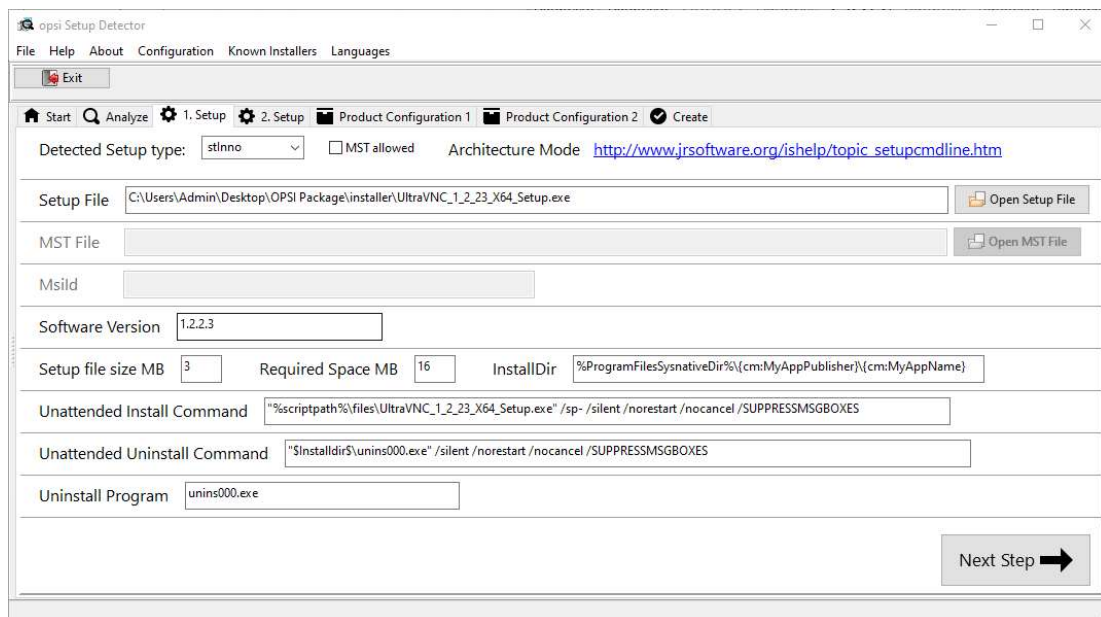
5. On tabs **Product configuration**, system administrator allow to change the opsi product id, product name and describe software. After that click *next.*

6. System administrator allow to set software priority, software dependencies and properties. Click *next* after finish

7. On tabs **Create,** set the path of opsi-work-bench which is locate to local folder of *system* administrator local machine. On **create mode,** select to radio button **create opsi product files. Builder mode,** select radio button **build** then click **Create Opsi Package.**
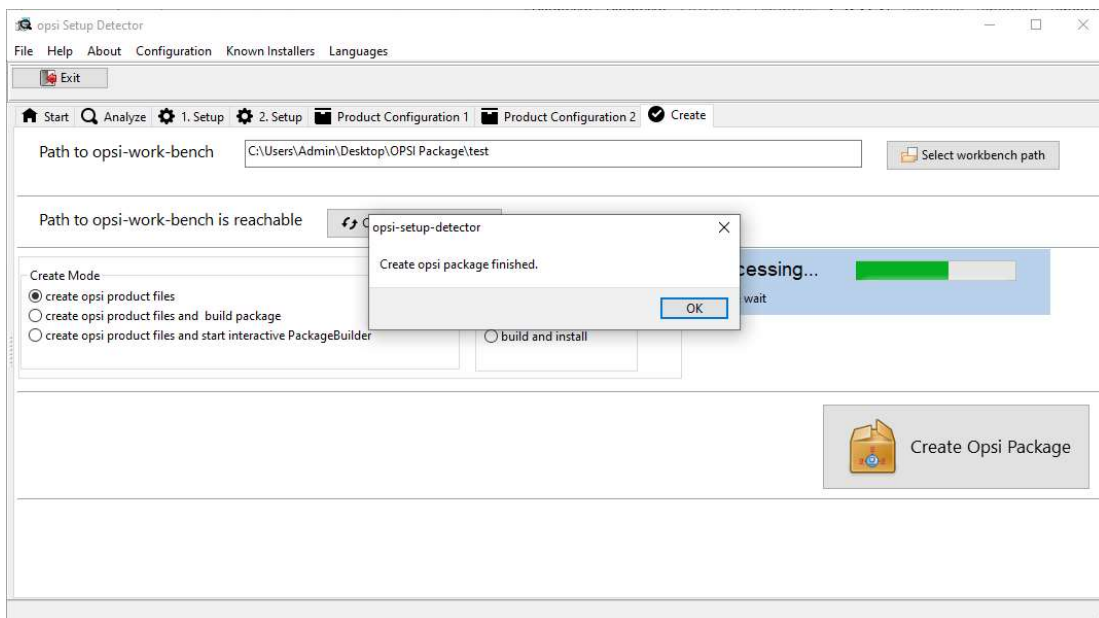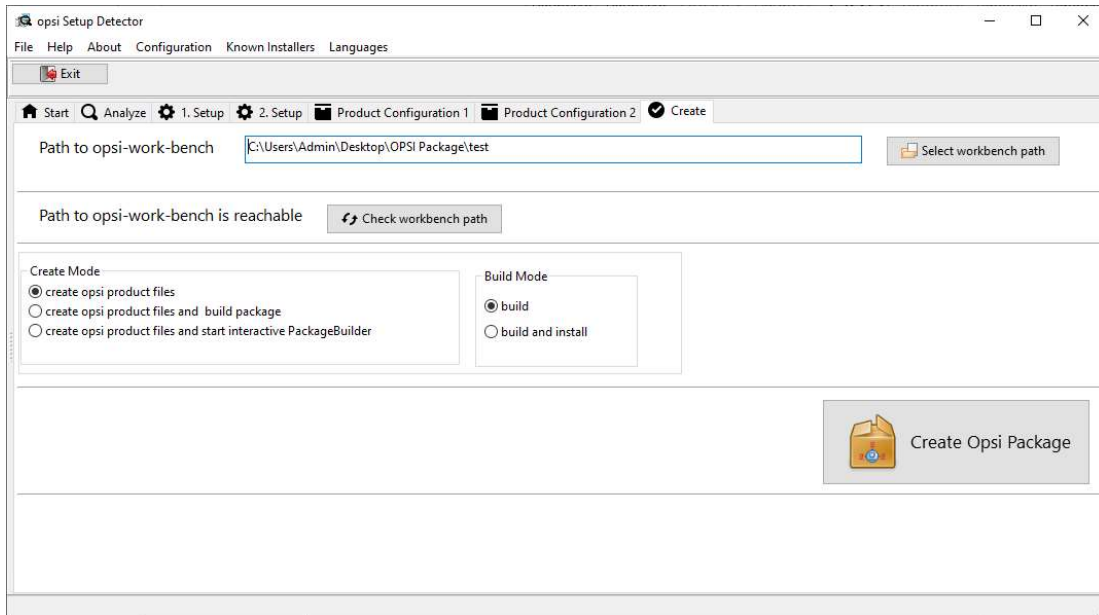
Click **OK** once finish then check opsi package on local folder.

8. Copy/move opsi software package script on local folder to opsi/workbench directory on server. On this system administrator need WinSCP tools or use shared folder to copy/move the package script.

2. Install OPSI package on OPSI Server
   1. Move to /var/lib/opsi/workbench
      (cmd: root@opsiserver-test: cd /var/lib/opsi/workbench)

   2. Switch to directory software package that already copy/move to workbench
      server (cmd: root@opsiserver-test:/var/lib/opsi/workbench# : cd ultravnc)

3. Use command **opsi-makepackage** to create software package on server.
   (cmd: root@opsiserver-test:/var/lib/opsi/workbench/ultravnc# opsi-makepackage)

```
root@opsiserver-test:/var/lib/opsi/workbench# cd ultravnc/
root@opsiserver-test:/var/lib/opsi/workbench/ultravnc#
root@opsiserver-test:/var/lib/opsi/workbench/ultravnc#
root@opsiserver-test:/var/lib/opsi/workbench/ultravnc# opsi-makepackage

Locking package

Package info
------------------------------------------------------------------------
   version            : 1
   custom package name :
   package dependencies :

Product info
------------------------------------------------------------------------
   product id         : ultravnc
   product type       : localboot
   version            : 1.2.2.3
   name               : UltraVNC
   description        :
   advice             :
   priority           : 0
   licenseRequired    : False
   product classes    :
```
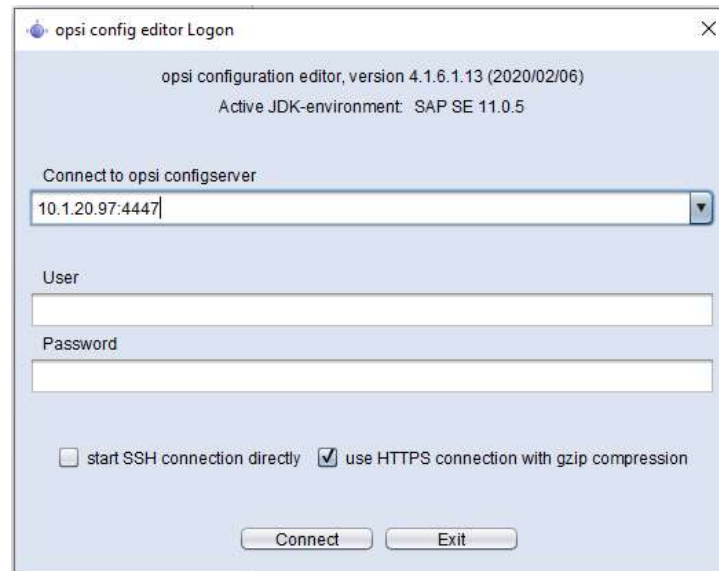
4. Install software package on server by use command ***opsi-package-manager -i
   *.opsi***
   (cmd: root@opsiserver-test:/var/lib/opsi/workbench/ultravnc# opsi-package-manager -i *.opsi)

```
Creating archive CLIENT_DATA.cpio.gz
  100.00% [=====================================================]
Creating archive OPSI.cpio.gz
  100.00% [=====================================================]
Creating archive ultravnc_1.2.2.3-1.opsi
  100.00% [=====================================================]

Creating md5sum file '/var/lib/opsi/workbench/ultravnc/ultravnc_1.2.2.3-1.opsi.md5'
Creating zsync file '/var/lib/opsi/workbench/ultravnc/ultravnc_1.2.2.3-1.opsi.zsync'
Cleaning up
Unlocking package

root@opsiserver-test:/var/lib/opsi/workbench/ultravnc#
root@opsiserver-test:/var/lib/opsi/workbench/ultravnc#
root@opsiserver-test:/var/lib/opsi/workbench/ultravnc# ls -lh
total 2.5M
drwxrws--- 3 adminuser pcpatch 4.0K May  7 16:14 CLIENT_DATA
drwxrws--- 2 adminuser pcpatch 4.0K May  7 16:14 OPSI
-rw-rw---- 1 opsiconfd pcpatch 2.5M May  7 17:02 ultravnc_1.2.2.3-1.opsi
-rw-rw---- 1 opsiconfd pcpatch   32 May  7 17:02 ultravnc_1.2.2.3-1.opsi.md5
-rw-rw---- 1 opsiconfd pcpatch 7.6K May  7 17:02 ultravnc_1.2.2.3-1.opsi.zsync
root@opsiserver-test:/var/lib/opsi/workbench/ultravnc#
root@opsiserver-test:/var/lib/opsi/workbench/ultravnc#
root@opsiserver-test:/var/lib/opsi/workbench/ultravnc#
root@opsiserver-test:/var/lib/opsi/workbench/ultravnc# opsi-package-manager -i ultravnc_1.2.2.3-1.opsi
root@opsiserver-test:/var/lib/opsi/workbench/ultravnc#
```

5. Click "Manage Desktop" button on Nex-desk System, agent will pop up to opsi config editor logon interface.
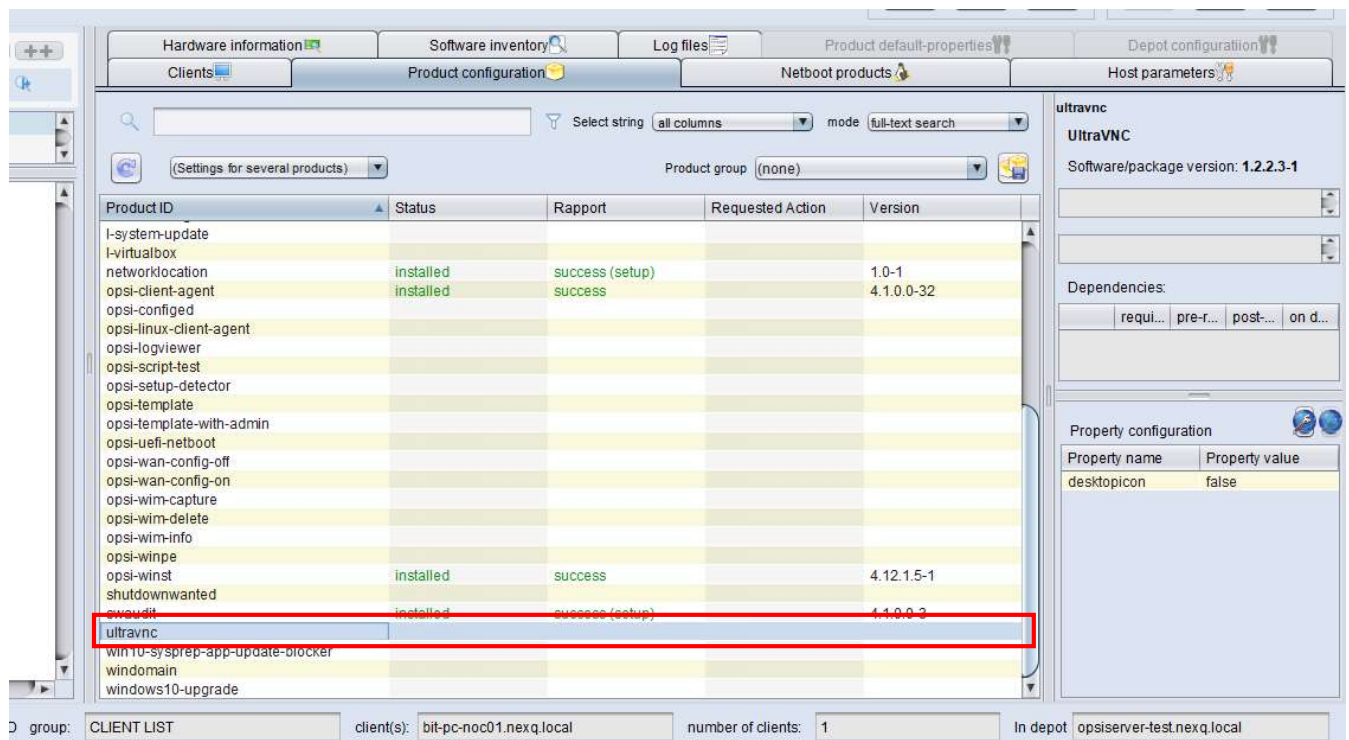

Connect to opsi configserver: 10.1.20.97:4447
User: root
Password: abc@123

6. Select client and switch to the tab **Product configuration**. You can see new product (ex: ultravnc) already in listed on **product configuration.**