

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.

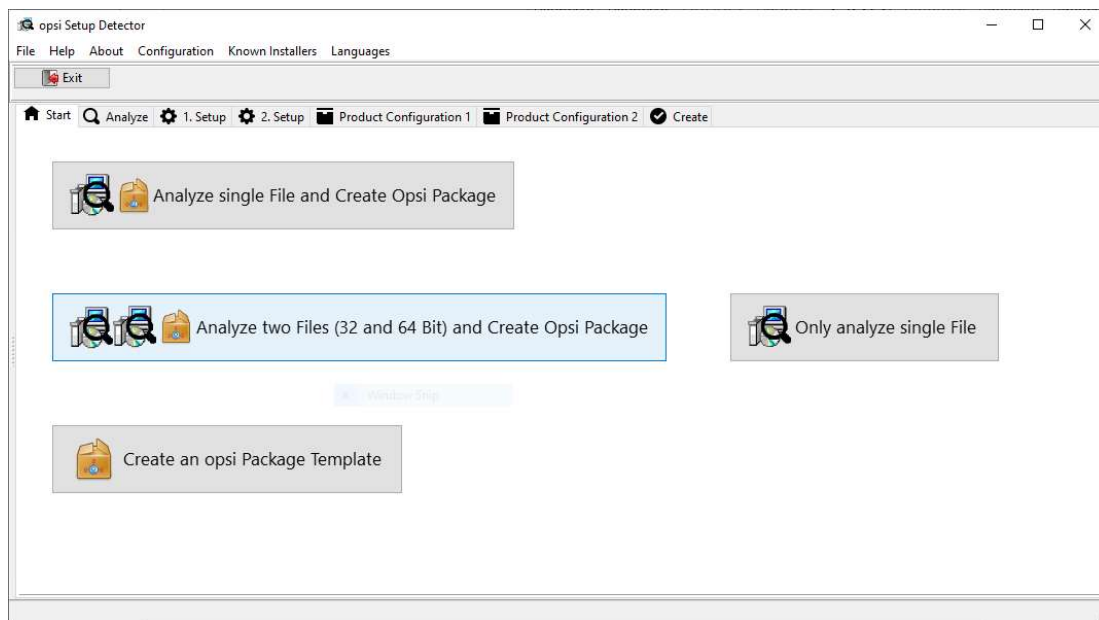
Only system administrator have an access to add/remove product on OPSI. Every system administrator have an **OPSI-setup-detector** installed in their local machine.

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:

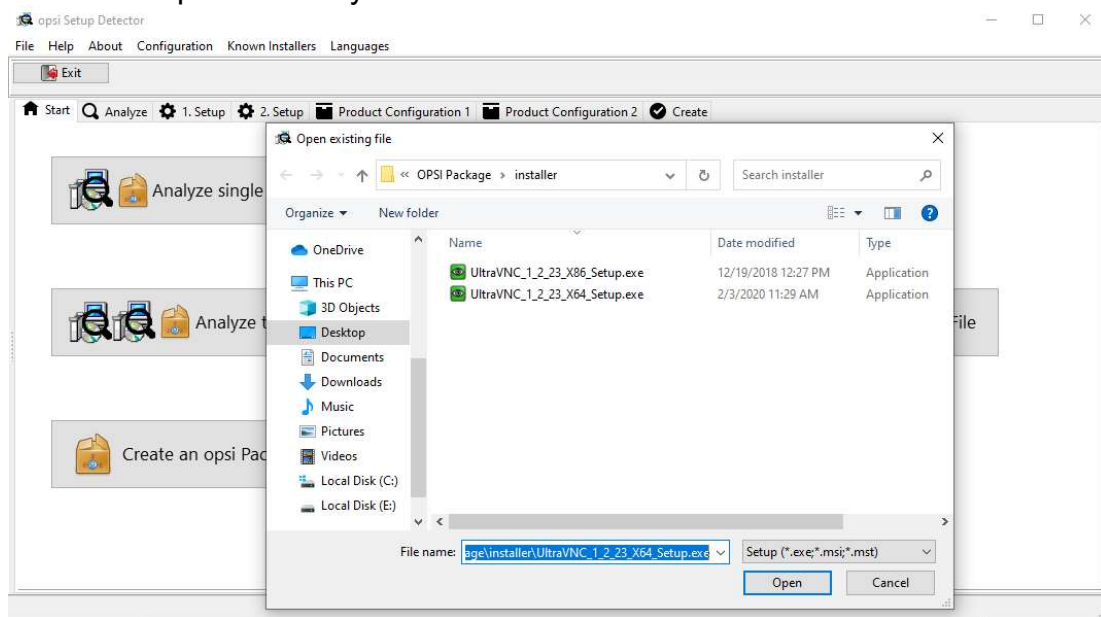
1. Start → OPSI Setup Detector



There are options available to use:

- Analyze single File and Create Opsi Package**
 - Analyze single setup file (32 or 64 Bit) and create opsi package script.
- 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.
- Only analyze single File**
 - Check and analyze setup file but not create any package script.
- Create an opsi Package Template**
 - Create default template script without attach to any product setup file.

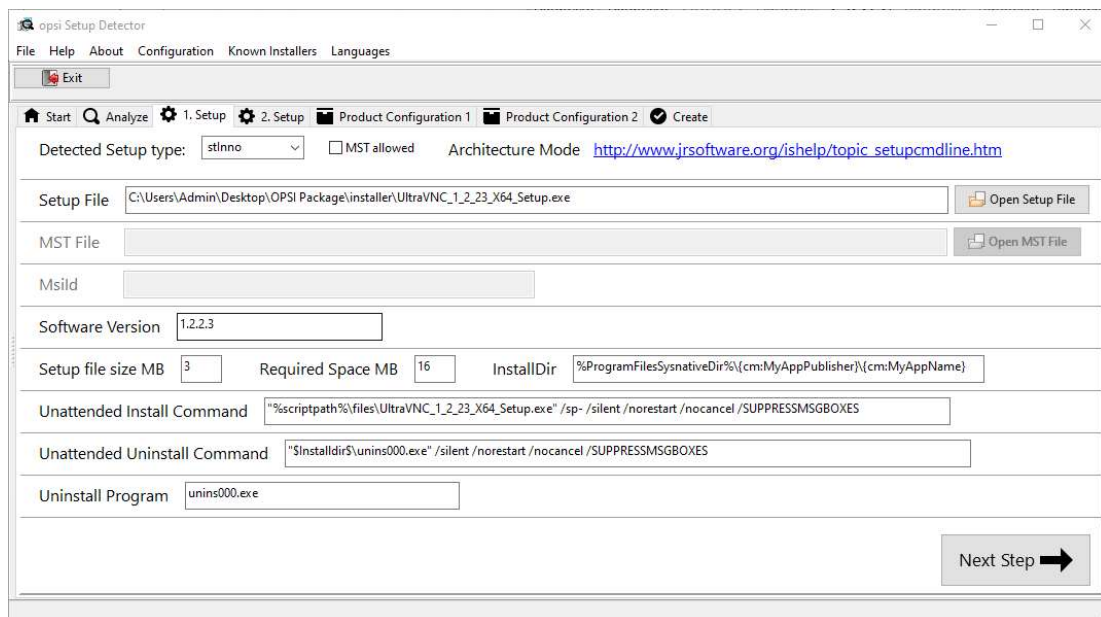
- Choose option either **Analyze single File and Create Opsi Package** or **Analyze two File (32 and 64 Bit) and Create Opsi Package** to create software package script.
- Select setup file to analyze



- 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**.

opsi Setup Detector

File Help About Configuration Known Installers Languages

Exit

Start Analyze 1. Setup 2. Setup Product Configuration 1 Product Configuration 2 Create

opsi Product ID opsi Product Name

Product Version Package Version ☐ License required

Description

Advice

Next Step →

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

opsi Setup Detector

File Help About Configuration Known Installers Languages

Exit

Start Analyze 1. Setup 2. Setup Product Configuration 1 Product Configuration 2 Create

Priority

Dependencies

+ Add Dependency

- Delete Dependency

Edit Dependency

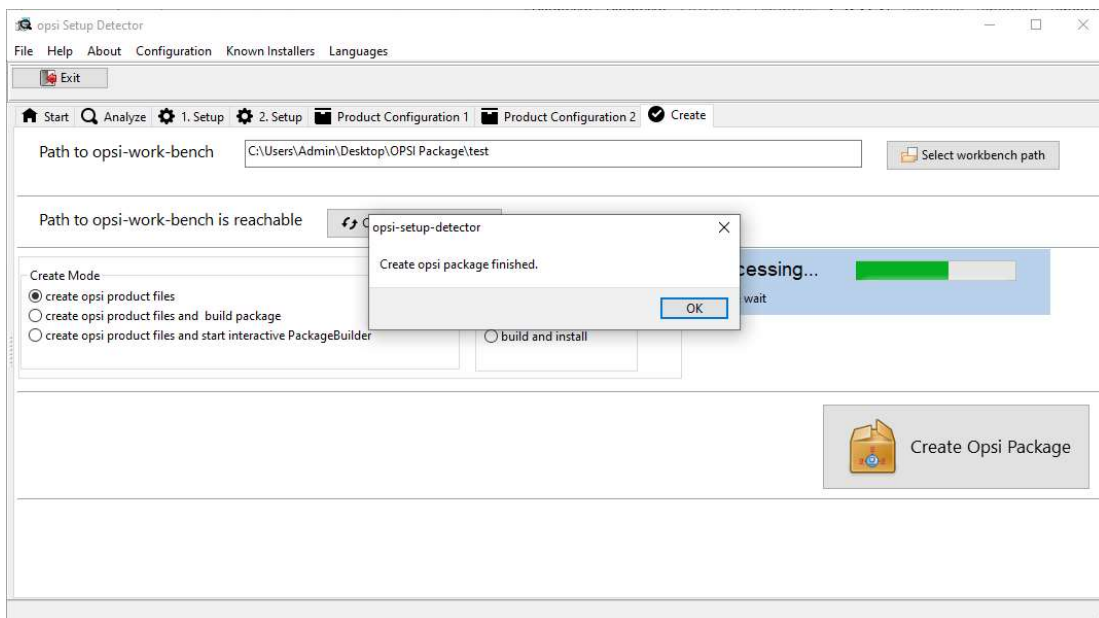
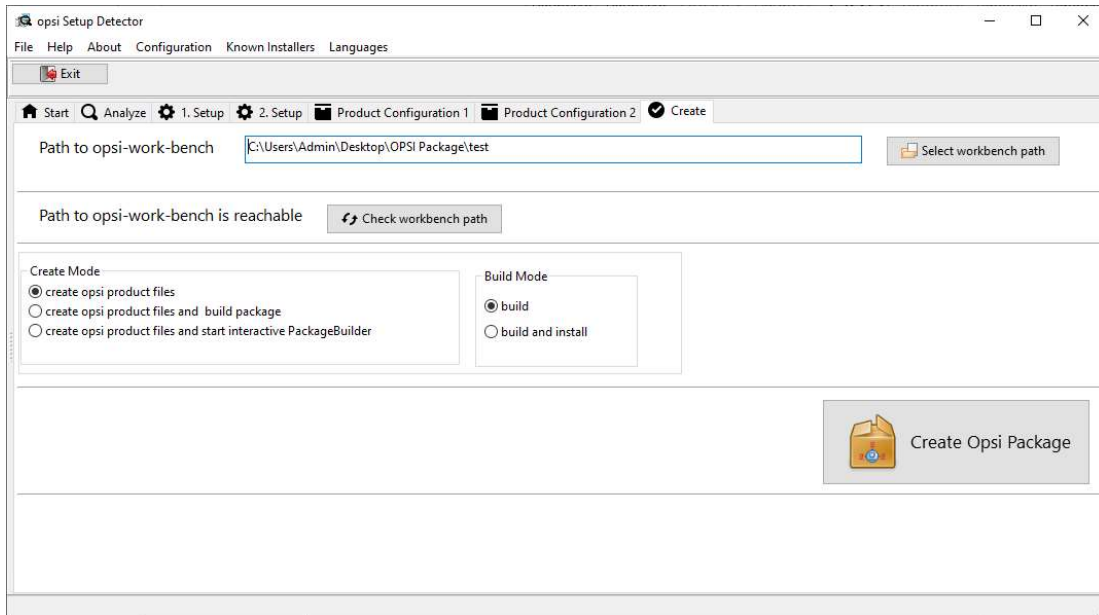
Properties

+ Add Property - Delete Property Edit Property

Number	PropertyId	Description	Type	Multivalue	Editable	Possible Values	Default Values
1	DesktopIcon	Soll es ein Desktop Icon geben ?	bool	False	False	[]	False

Next Step →

- 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.

- 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)

```
root@opsiserver-test: /var/lib/opsi/workbench
login as: root
root@10.10.130.150's password:
Welcome to Ubuntu 18.04.3 LTS (GNU/Linux 4.15.0-74-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

 * Canonical Livepatch is available for installation.
   - Reduce system reboots and improve kernel security. Activate at:
     https://ubuntu.com/livepatch

190 packages can be updated.
149 updates are security updates.

You have new mail.
Last login: Thu May  7 16:46:37 2020 from 10.10.20.27
root@opsiserver-test:~# cd /var/lib/opsi/workbench/
root@opsiserver-test:/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)

```
root@opsiserver-test: /var/lib/opsi/workbench/ultravnc
login as: root
root@10.10.130.150's password:
Welcome to Ubuntu 18.04.3 LTS (GNU/Linux 4.15.0-74-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

 * Canonical Livepatch is available for installation.
   - Reduce system reboots and improve kernel security. Activate at:
     https://ubuntu.com/livepatch

190 packages can be updated.
149 updates are security updates.

You have new mail.
Last login: Thu May  7 16:47:23 2020 from 10.10.20.27
root@opsiserver-test:~# cd /var/lib/opsi/workbench/
root@opsiserver-test:/var/lib/opsi/workbench#
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#
```

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  :
```

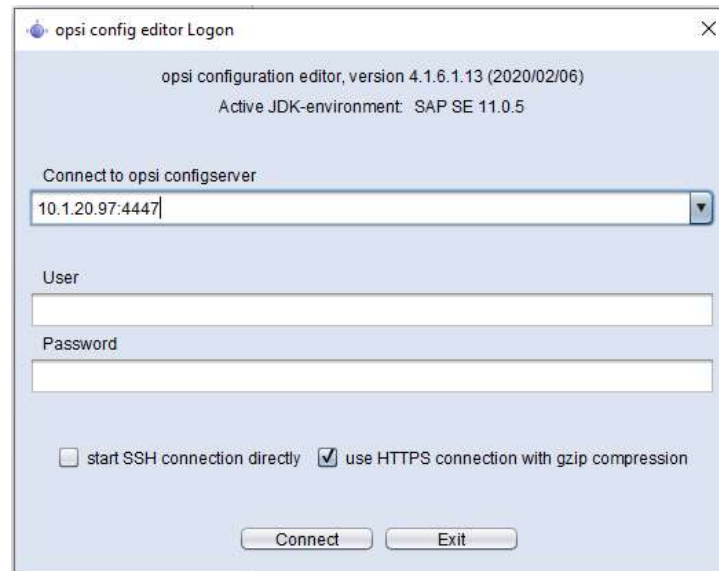
4. Install software package on server by use command **opsi-package-manager -i *.opsi**
(cmd: root@opsiserver-test:/var/lib/opsi/workbench/ultravnc# opsi-package-manager -i *.opsi)

```
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#
```


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



opsi config editor Logon

opsi configuration editor, version 4.1.6.1.13 (2020/02/06)
Active JDK-environment: SAP SE 11.0.5

Connect to opsi configserver
10.1.20.97:4447

User
Password

☐ start SSH connection directly ☒ use HTTPS connection with gzip compression

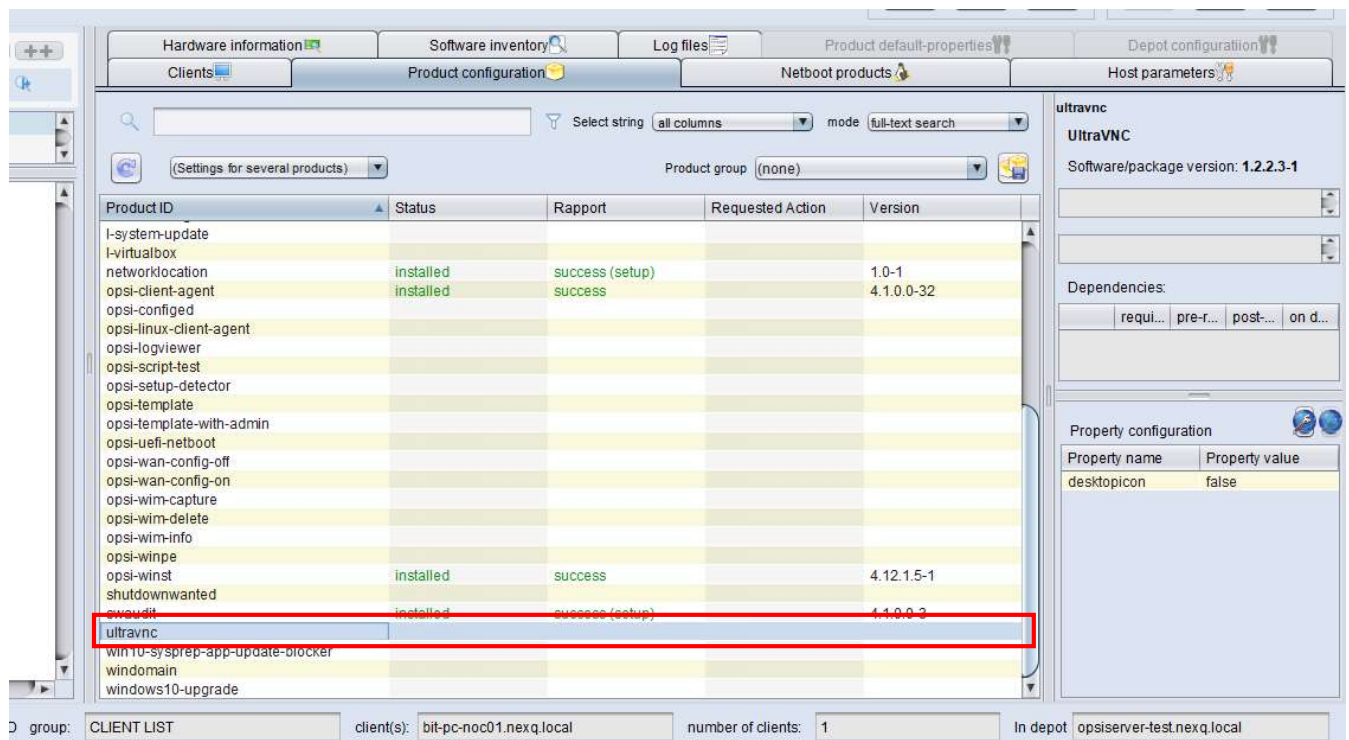
Connect Exit

Connect to opsi configserver: 10.1.20.97:4447

User: root

Password: abc@123

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



Hardware information | Software inventory | Log files | Product default-properties | Depot configuration

Clients | **Product configuration** | Netboot products | Host parameters

Search: [] Select string: all columns mode: full-text search

(Settings for several products) Product group: (none)

Product ID	Status	Rapport	Requested Action	Version
I-system-update				
I-virtualbox				
networklocation	installed	success (setup)		1.0-1
opsi-client-agent	installed	success		4.1.0.0-32
opsi-configd				
opsi-linux-client-agent				
opsi-logviewer				
opsi-script-test				
opsi-setup-detector				
opsi-template				
opsi-template-with-admin				
opsi-uefi-netboot				
opsi-wan-config-off				
opsi-wan-config-on				
opsi-wim-capture				
opsi-wim-delete				
opsi-wim-info				
opsi-winpe				
opsi-winst	installed	success		4.12.1.5-1
shutdownwanted				
swaudit	installed	success (setup)		4.1.0.0-3
ultravnc				
win10-sysprep-app-update-blocker				
windomain				
windows10-upgrade				

ultravnc
UltraVNC
Software/package version: 1.2.2.3-1

Dependencies:
requi... pre-r... post-... on d...

Property configuration
Property name | Property value
desktopicon | false

group: CLIENT LIST client(s): bit-pc-noc01.nexq.local number of clients: 1 In depot opsiserver-test.nexq.local