
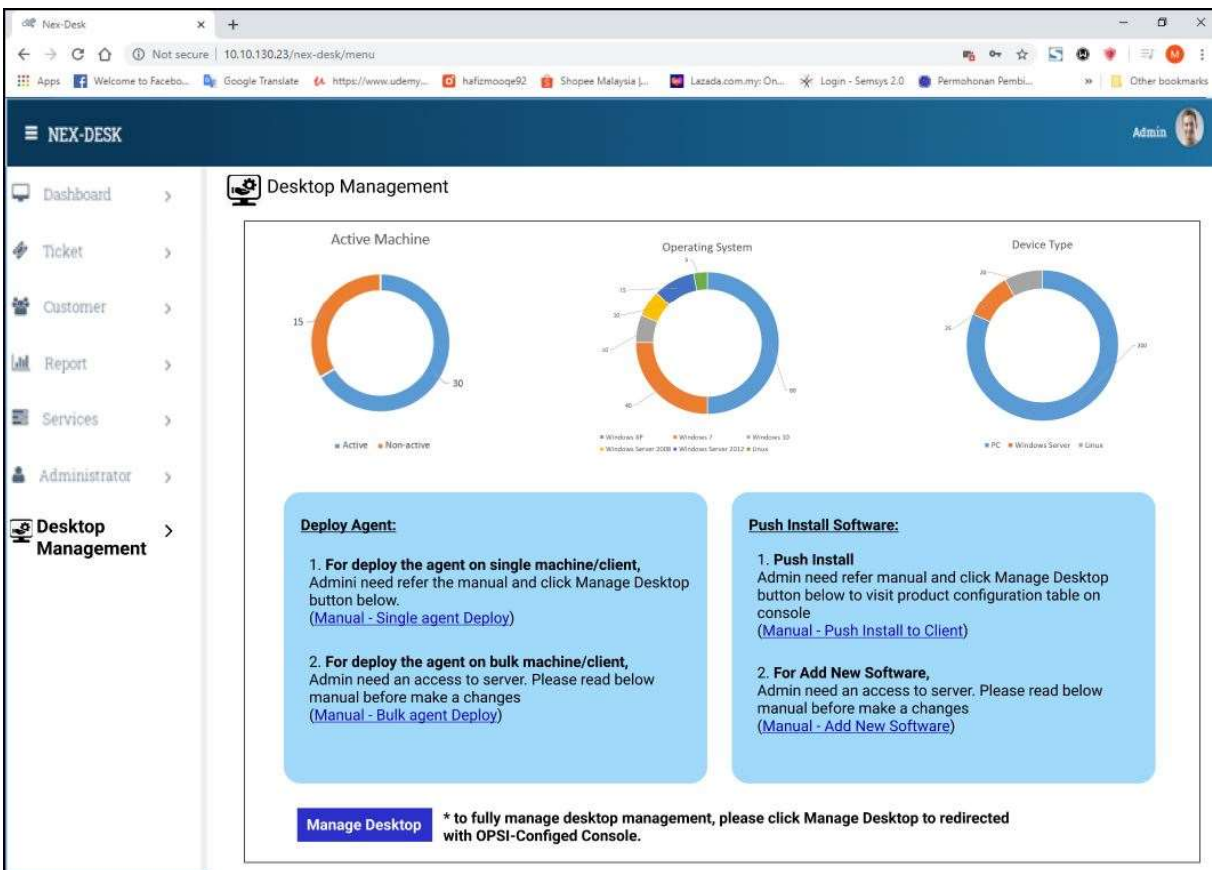


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Author: Muhammd Hafizuddin Shahipurullah			
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<h1>DESKTOP MANAGEMENT</h1>			
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REVISION RECORD			
Revision	Date	Responsible Person	Description of Change

Desktop Management



1. Active Machine Graph

- Refer to how much client desktop, laptop server are active and non-active.

2. Operating System Graph

- Refer to how much operating system in environment (Windows XP, Windows 7, Windows 8, Windows 10, Windows Server 2012, Linux)

3. Device Type Graph

- Refer to type of client (PC, Server, Linux)

4. Deploy Agent(note details)

- Words with color blue and underline is hyperlink for pdf file. User will learnt how to deploy agent for single machine/client or bulk machine/client by pdf guideline.
- PDF file for guideline will provide later

5. Push Install Software(note details)

- Words with color blue and underline is hyperlink for pdf file. User will learnt how to Push Install and Add New Software for single machine/client or bulk machine/client by pdf guideline.
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6. Manage Desktop Button— agent click here to open OPSI-Configed Console (windows based application) to make a changes or execute process.

Details Each UI:

1. Active Machine Graph

In OPSI DB, we can't know client is active or not-active. The only ways used OPSI Web page under OPSI Config Interface or OPSI-Config Console

Web Application: OPSI Config Interface

Path:

Method:

**hostids:

**timeout:

Used method: hostControlSafe_reachable
Fill the parameter on hostid n timeout

resulting json remote procedure call:

```
{ "method": "hostControlSafe_reachable",  
  "params": ["*all*", 5],  
  "id": 1 }
```

Result in json remote procedure call write

Execute

json-rpc result

```
{  
  "id": 1,  
  "result": {  
    "win-Sl2uqsf5f5 nexq.local": false,  
    "win-m2e5004ebdj nexq.local": true,  
    "bit-splunk nexq.local": true,  
    "mooge nexq.local": true,  
    "bit-pc-noc01 nexq.local": false,  
    "win-ab1jq606901 nexq.local": false,  
    "opsiserver-test nexq.local": false,  
    "win-utmn90qe3uj nexq.local": false,  
    "rdp nexq.local": true,  
    "win-rqs7qje73aj nexq.local": true  
  },  
  "error": null  
}
```

Result in name of client with true/false
*true = active / false=inactive

OPSI-Config Console

opsi config editor - root@10.10.130.150:4447

Selection OpsClient Server console Windows Main

Click this icon will sent command to check client active/inactive

Hardware information

Software inventory

Log files

Product default-properties

Depot configuration

Clients

Product configuration

Netboot products

Host parameters

Depot(s)

GROUPS

operation pc

poc-group

bit-pc-noc01.nexq.local

bit-splunk.nexq.local

mooge.nexq.local

rdp.nexq.local

win-Sl2uqsf5f5.nexq.local

win-ab1jq606901.nexq.local

win-m2e5004ebdj.nexq.local

win-utmn90qe3uj.nexq.local

DIRECTORY

CLIENT LIST

client name

description

On

last seen

IP address

bit-pc-noc01.nexq.local

BIT-PC-NOC01

2020-03-16 15:55:01

10.10.110.9

bit-splunk.nexq.local

Server NOC

2020-03-31 21:50:23

10.10.130.4

mooge.nexq.local

PC Hafiz

2020-04-03 11:55:51

10.10.20.27

rdp.nexq.local

PC NOC

2020-03-31 21:10:48

10.10.20.25

win-Sl2uqsf5f5.nexq.local

mydesk(ETL)

2020-04-03 15:56:51

10.10.130.25

win-ab1jq606901.nexq.local

BCS Server

2020-04-01 16:59:54

10.10.130.30

win-m2e5004ebdj.nexq.local

Nex-desk Development S...

2020-03-31 23:20:14

10.10.130.141

win-utmn90qe3uj.nexq.local

mydesk(mssql) server

2020-02-25 11:11:13

10.10.130.26

Description

Inventory number

opsi MAC address

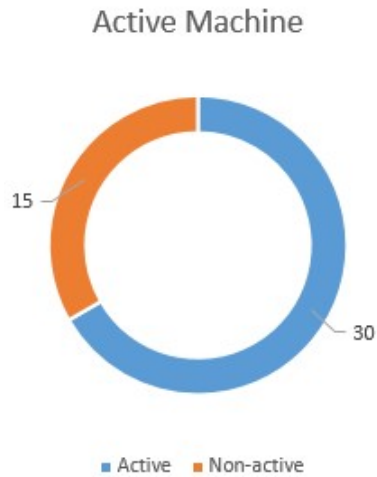
Install By Shutdown

Uefi Boot (not activated) ☐

WAN configuration (not activated) ☐

client one time password

Result after click the button
*with icon . refer to Inactive
and icon signal refer to active



To get the active client, should use OPSI API :

```
hostControl_reachable(hostIds=[*]  
timeout=5) - like in web application
```

Graph need count how much true and false result of API(like image on web application above).

True = active

False = Inactive

2. Operating System Graph

Can find in OPSIDB under table SOFTWARE_CONFIG under column name.

Used query IN or LIKE to filter Operating system

Example query:

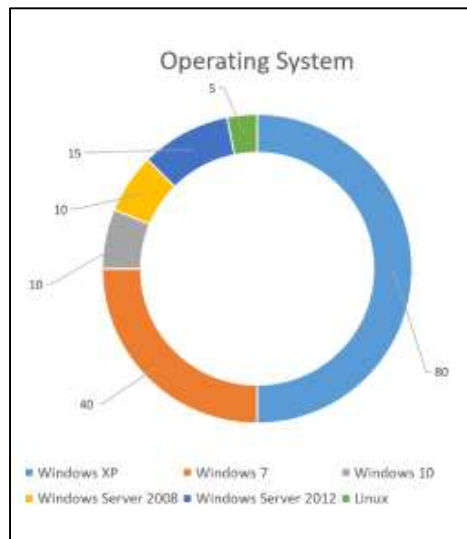
```
1. SELECT * FROM opsi.SOFTWARE_CONFIG WHERE name LIKE 'Windows %';
```

Or use

```
2. SELECT * FROM SOFTWARE_CONFIG WHERE name IN ('Windows 10 Pro (1903)', 'Windows 8.1 Enterprise', 'Windows 8.1 Pro', 'Windows Server 2012 R2 Standard');
```

Result:

config_id	clientId	name	version	subVersion	language	architecture	ADC
956	mooqe.nexq.local	Windows 10 Pro (1903)	10.0	00331-20020	en-US	x64	
1,507	bit-pc-noc01.nexq.local	Windows 8.1 Enterprise	6.3	00261-80463	en-US	x64	
602	rdp.nexq.local	Windows 8.1 Pro	6.3	00261-50000	en-US	x64	
2,044	win-ab1jq6o6901.nexq.local	Windows Server 2012 R2 Standard	6.3	00252-60020	en-US	x64	
307	bit-splunk.nexq.local	Windows Server 2012 R2 Standard	6.3	00252-70000	en-US	x64	
1,129	win-m2e5oo4ebdj.nexq.local	Windows Server 2012 R2 Standard	6.3	00252-70000	en-US	x64	
1,795	win-rgs7qje73aj.nexq.local	Windows Server 2012 R2 Standard	6.3	00252-70000	en-US	x64	



For this graph, just only count how much operating system in environment based on data in table SOFTWARE_CONFIG in OPSI DB and group under same operating system name.

3. Device Type Graph

Can find in OPSIDB under table SOFTWARE_CONFIG under column name.

Used query IN or LIKE to filter Operating system

Example query:

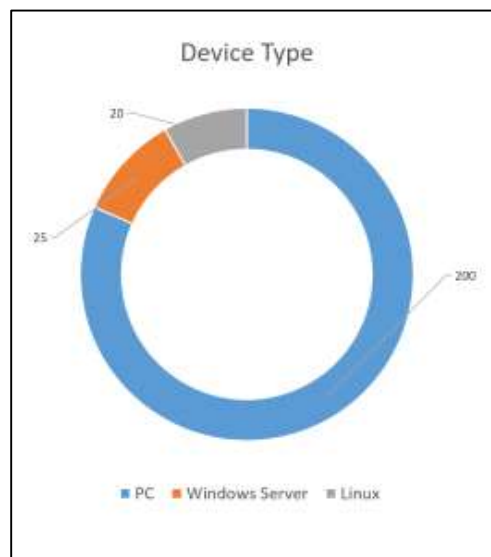
```
1. SELECT * FROM opsi.SOFTWARE_CONFIG WHERE name LIKE 'Windows %';
```

Or use

```
2. SELECT * FROM SOFTWARE_CONFIG WHERE name IN ('Windows 10 Pro (1903)', 'Windows 8.1 Enterprise', 'Windows 8.1 Pro', 'Windows Server 2012 R2 Standard');
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Result:

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307	bit-splunk.nexq.local	Windows Server 2012 R2 Standard	6.3	00252-70000	en-US	x64
1,129	win-m2e5oo4ebdj.nexq.local	Windows Server 2012 R2 Standard	6.3	00252-70000	en-US	x64
1,795	win-rgs7qje73aj.nexq.local	Windows Server 2012 R2 Standard	6.3	00252-70000	en-US	x64



For this graph, filter name operating system as below

1. with word "windows server" = put it under type Windows Server.
2. with word only "windows" & without word "windows server" = put it under type PC.
3. Other than "windows" & "windows server" = put it under type Linux.

Count how much device type in environment based on data in table SOFTWARE_CONFIG in OPSI.

4. Deploy Agent(note details)

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- PDF file for guideline will provide later
- Once user click [Manual – Single agent Deploy](#) or [Manual – Bulk agent Deploy](#), pdf file will open in html or auto download file.
- User need to click Manage Desktop Button in order to access OPIS-Configed Console

Deploy Agent:

- 1. For deploy the agent on single machine/client,**
Admini need refer the manual and click Manage Desktop button below.
([Manual - Single agent Deploy](#))
- 2. For deploy the agent on bulk machine/client,**
Admin need an access to server. Please read below manual before make a changes
([Manual - Bulk agent Deploy](#))

5. Push Install Software(note details)

- Words with color blue and underline is hyperlink for pdf file.
- User will learnt how to Push Install and Add New Software for single machine/client or bulk machine/client by pdf guideline.
- PDF file for guideline will provide later
- Once user click [Manual – Push Install to Client](#) or [Manual – Add New Software](#), pdf file will open in html or auto download file.
- User need to click use Manage Desktop Button in order to access OPIS-Configed Console

Push Install Software:

1. Push Install

Admin need refer manual and click Manage Desktop button below to visit product configuration table on console

[\(Manual - Push Install to Client\)](#)

2. For Add New Software,

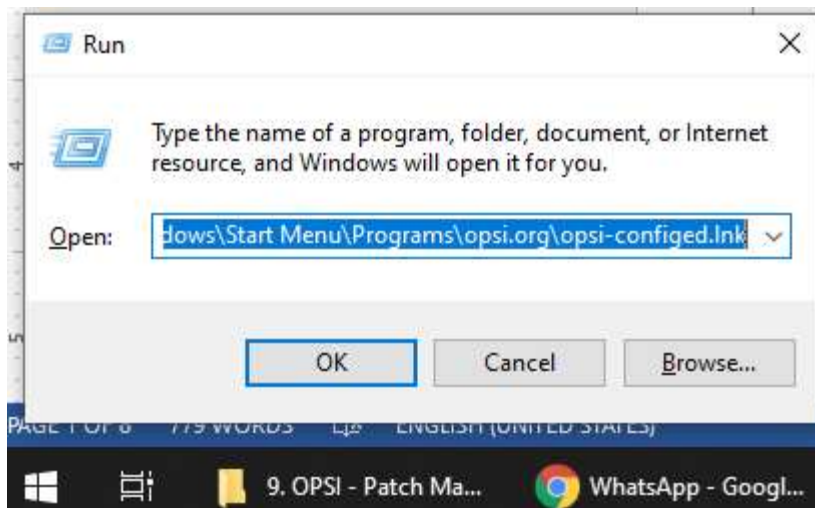
Admin need an access to server. Please read below manual before make a changes

[\(Manual - Add New Software\)](#)

6. Manage Desktop Button

- User click here to open **OPSI-Configed Console** (windows based application) to make a changes or execute process.
- **OPSI-Configed** Console need to install first on user PC/Desktop (windows based software).
- Step on backend need to call run application on windows, and used this call command to open OPSI-Configed Console

C:\ProgramData\Microsoft\Windows\Start Menu\Programs\opsi.org\opsi-configed.lnk



Manage Desktop

*** to fully manage desktop management, please click Manage Desktop to redirected with OPSI-Configed Console.**