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	1	2 April 2020	
Unit: **APPLICATION**			
Author: **Muhammd Hafizuddin Shahipurullah**			
Title: **NEX-DESK v2**			Document Catalog #: Number of pages:

DESKTOP MANAGEMENT

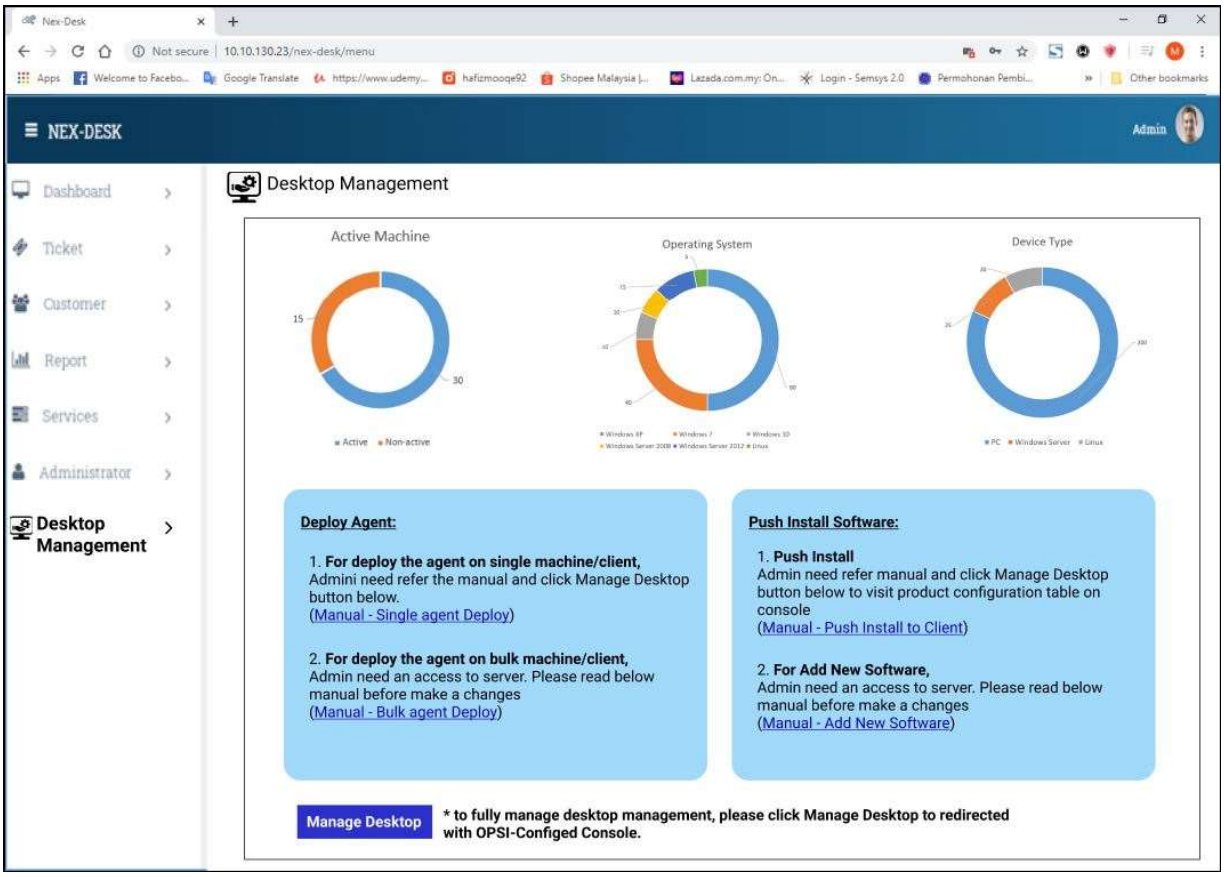
REVIEW & APPROVAL

Reviewed By	**Approved By**
 Name: Muhammad Hafizuddin Shahipurullah Designation: Date: 2 April 2019	Name: Designation: Date:

REVISION RECORD

Revision	Date	Responsible Person	Description of Change

Desktop Management



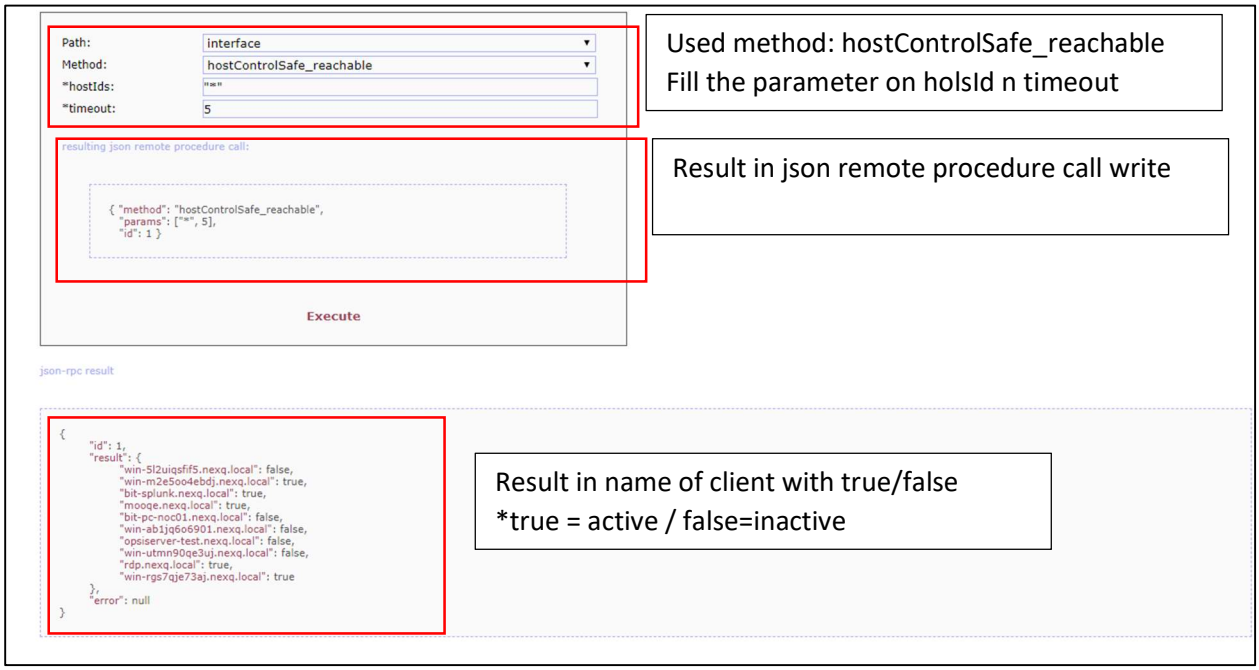
1. **Active Machine Graph**
   - Refer to how much client desktop, laptop server are active and non-active.
2. **Operating System Graph**
   - Refer to how much operating system in environment (Windows XP, Windows 7, Windows 8, Windows 10, Windows Server 2012, Linux)
3. **Device Type Graph**
   – Refer 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.
   - PDF file for guideline will provide later
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:

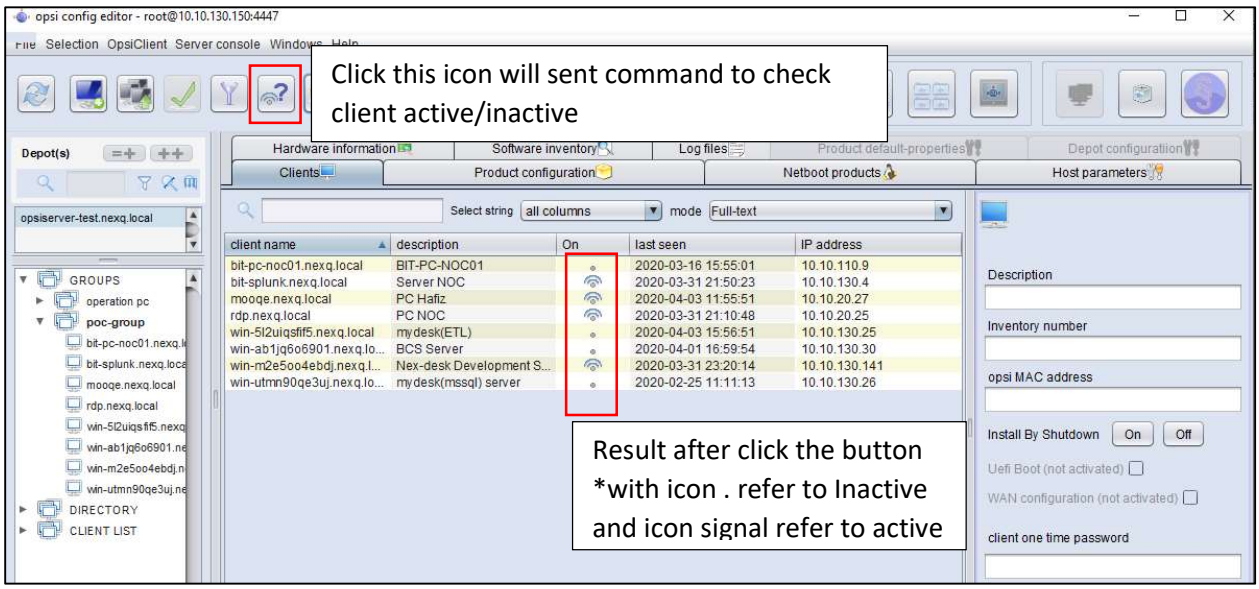
1. **Active Machine Graph**

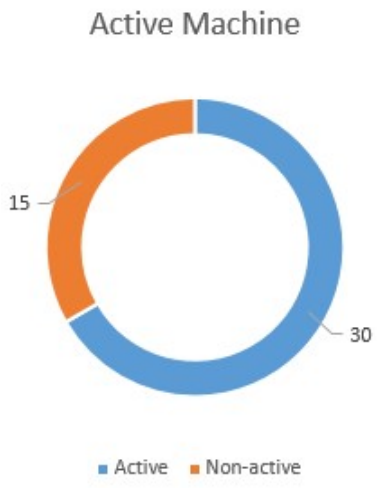
In OPSI DB, we can't know client is active or not-active. The only ways used OPSI Web page under OPSI Config Interface or OPSI-Config Console

Web Application: OPSI Config Interface



OPSI-Configed Console





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:

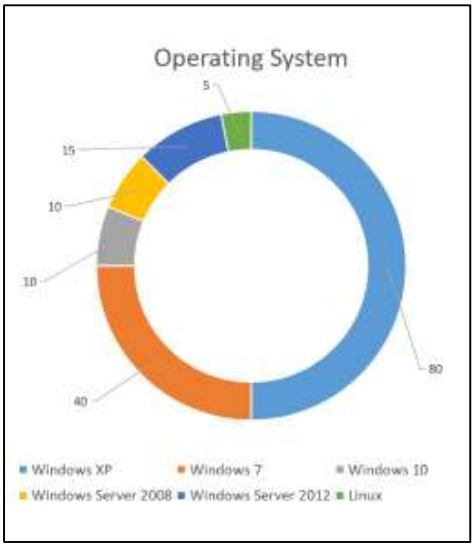
```
1. SELECT * FROM opsi.SOFTWARE_CONFIG WHERE name LIKE 'Windows %';
```

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
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
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Result:

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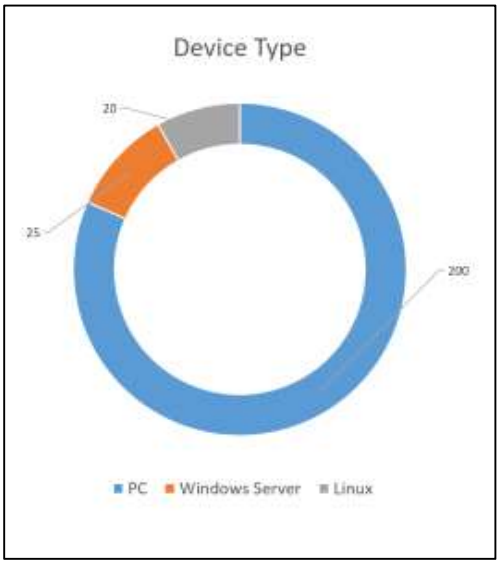
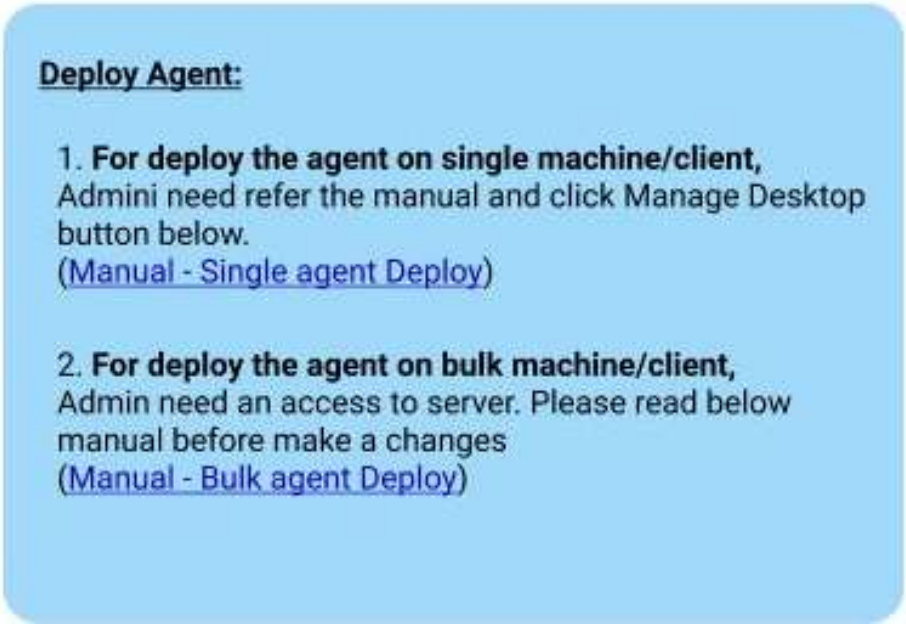


For this graph, filter name operating system as below

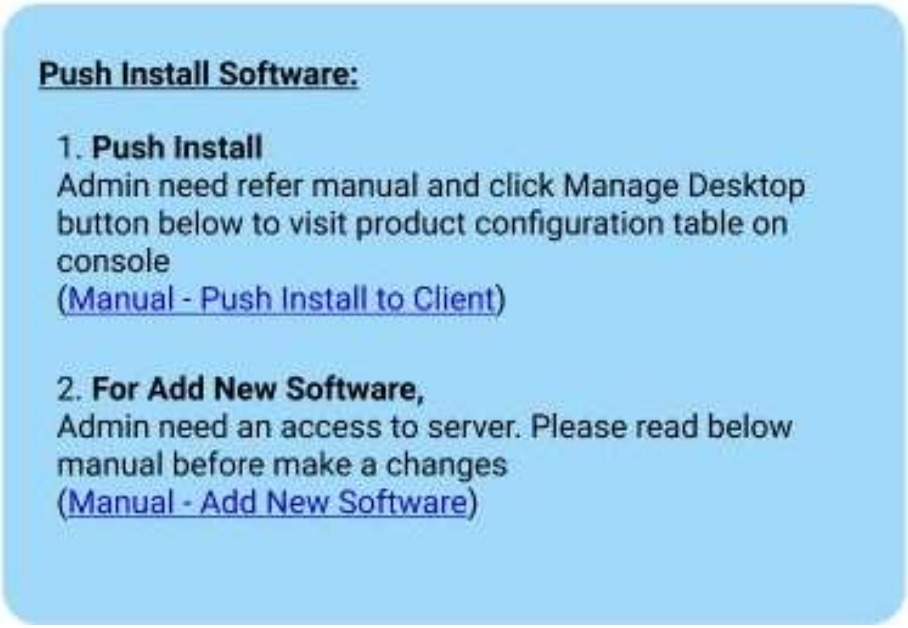
1. with word “windows server” = put it under type Windows Server.
2. with word only “windows” & without word “windows server” = put it under type PC.
3. Other than “windows” & “windows server” = put it under type Linux.

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

4. **Deploy Agent(note details)**
   - 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
   - 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

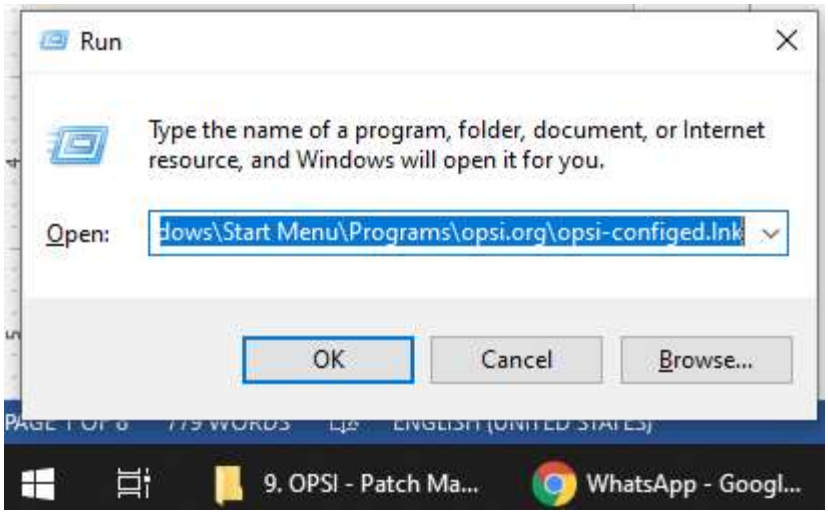


5. **Push Install Software(note details)**
   - Words with color blue and underline is hyperlink for pdf file.
   - User will learnt how to Push Install and Add New Software for single machine/client or bulk machine/client by pdf guideline.
   - PDF file for guideline will provide later
   - Once user 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



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.**