



## Persysistent Suite 6.0

# Application Deployment

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### Overview

Persysistent includes the ability to deploy applications to computers in your environment. You can deploy applications to machines on-demand, post imaging process, and install automatically based on group membership in Persysistent.

### Prerequisites

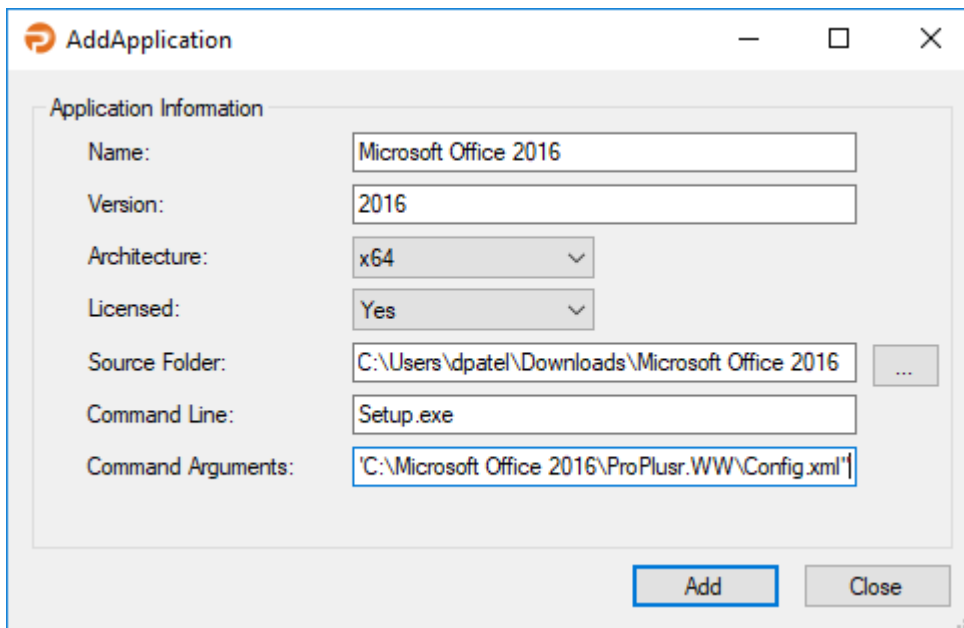
- Application install files such as MSI or EXE or Batch or PowerShell script.
- Switches to install the application silently
- Any pre or post installation steps if required



## Adding Application in Persysent

An application is needed to be added in Persysent in order to deploy it to machines.

1. Copy all application install files in a folder. For example: **Microsoft Office 2016**
2. Make sure that the install file is located at the root of the folder in step 1.
3. Run PE Builder utility on the Persysent Server.
4. Click on **Application**.
5. Click on **Add Application**.
6. On Add Application screen enter following information about the application:
  - A. **Name** – Name of the application.
  - B. **Version** – Version of the application.
  - C. **Architecture** – Select the architecture for the application.
  - D. **Licensed** – Select if the application is licensed or not.
  - E. **Source Folder** – Browse to source folder from step 1.
  - F. **Command Line** – Name of the MSI or EXE or Batch or PowerShell script.
  - G. **Command Arguments** – Command line arguments if any



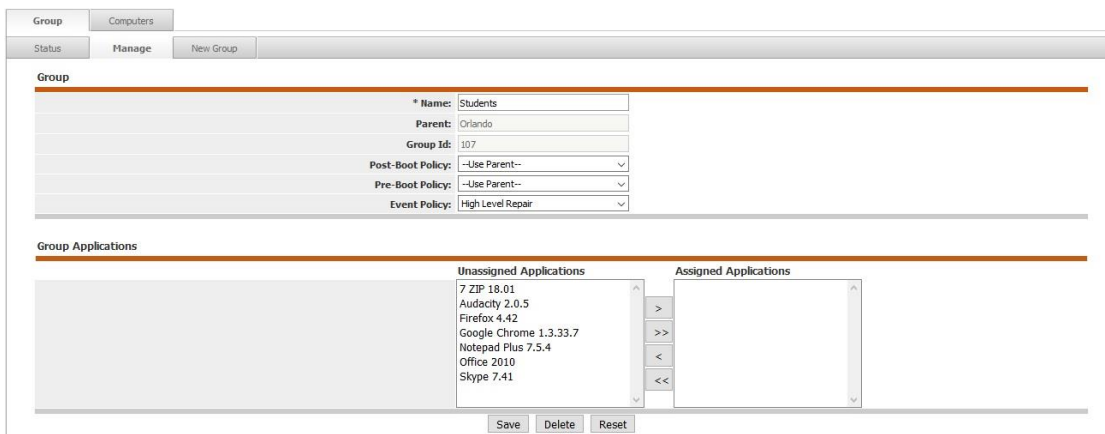
7. Verify the information entered.
8. Click **Add**.
9. Application will be added to the Persysent Server and listed under **Applications** on the WebUI.

Server   Computers   Imaging Console   Base Images <b>Applications</b> AD OU Paths										
Applications										
<b>Applications</b>										
<input type="checkbox"/>	<b>ID</b>	<b>Name</b>	<b>Version</b>	<b>Architecture</b>	<b>CreatedOn</b>	<b>Synchronize</b>	<b>ReSynchronize</b>	<b>Licensed</b>	<b>CommandLine</b>	<b>Arguments</b>
<input type="checkbox"/>	16	7 ZIP 18.01	18.01	x64	3/20/2018 12:11:04 PM	Yes	No	No	7 ZIP 18.01\7z1801-x64.exe	/S
<input type="checkbox"/>	33	Adobe Reader DC 18.11	18.11	x64	8/10/2018 3:36:26 PM	No	No	No	Adobe Reader DC 18.11\AcroRdrDC1801120055_en_US.exe	/sAll
<input type="checkbox"/>	27	Audacity 2.0.5	2.0.5	x64	4/20/2018 10:38:14 AM	Yes	No	No	Audacity 2.0.5\audacity-win-2.0.5.exe	/verysilent
<input type="checkbox"/>	26	Firefox 4.42	4.42	x64	4/4/2018 1:16:25 PM	Yes	No	No	Firefox 4.42\Firefox Installer.exe	-ms
<input type="checkbox"/>	24	Google Chrome 1.3.33.7	1.3.33.7	x64	4/4/2018 12:30:14 PM	Yes	No	No	Google Chrome 1.3.33.7\ChromeSetup.exe	/silent /install
<input type="checkbox"/>	21	Notepad Plus 7.5.4	7.5.4	x64	4/3/2018 5:12:18 PM	Yes	No	No	Notepad Plus 7.5.4\pp.7.5.4.Installer.exe	/S
<input type="checkbox"/>	28	Office 2010	2010	x64	4/20/2018 11:06:47 AM	Yes	No	Yes	Office 2010\Setup.exe	/config "C:\Office 2010\ProPlusr.WW\config.xml"
<input type="checkbox"/>	25	Skype 7.41	7.41	x64	4/4/2018 12:48:09 PM	Yes	No	No	Skype 7.41\SkypeSetupFull.exe	/VERY SILENT /SP- /NOCANCEL /NORESTART /SUPPRESSMSGBOXES /NOLAUNCH
<div> <input type="button" value="Delete"/> <span>Total Records: 8</span> <span>Page: ALL</span> <span>Lines: ---</span> </div>										

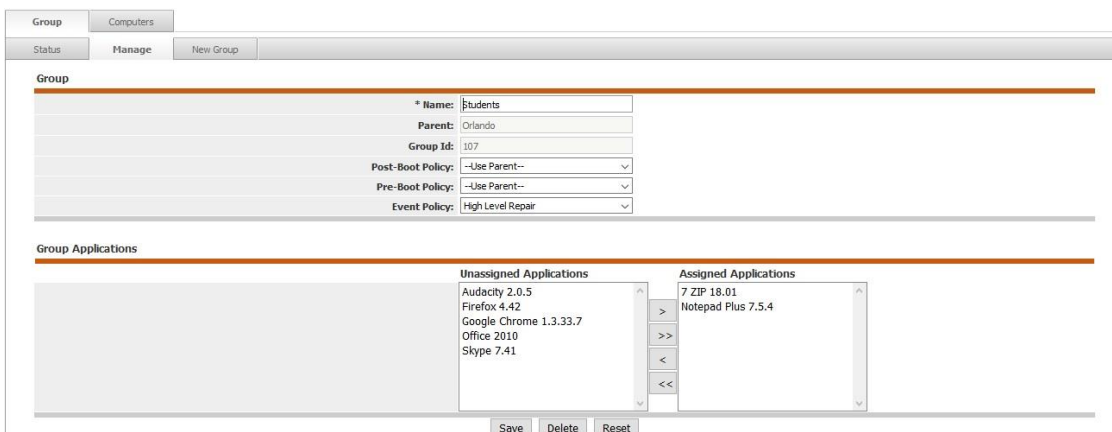
## Assigning Application to Persysnt Group

An application can be assigned to a Persysnt Group so that it will be deployed to any machine that is part of the group automatically. Persysnt Agent will poll the server and install any application on the machine that has not been installed already.

1. Login to **WebUI**.
2. Expand Persysnt Sever on the left-hand side tree.
3. Click on a specific group where you would like to assign the application on the left-hand side tree.
4. Click on **Group** tab.
5. Unassigned and Assigned applications would be listed on the page.



6. Select the applications that you would like to assign to the group.
7. Click on > button to move application to the **Assigned Applications**.

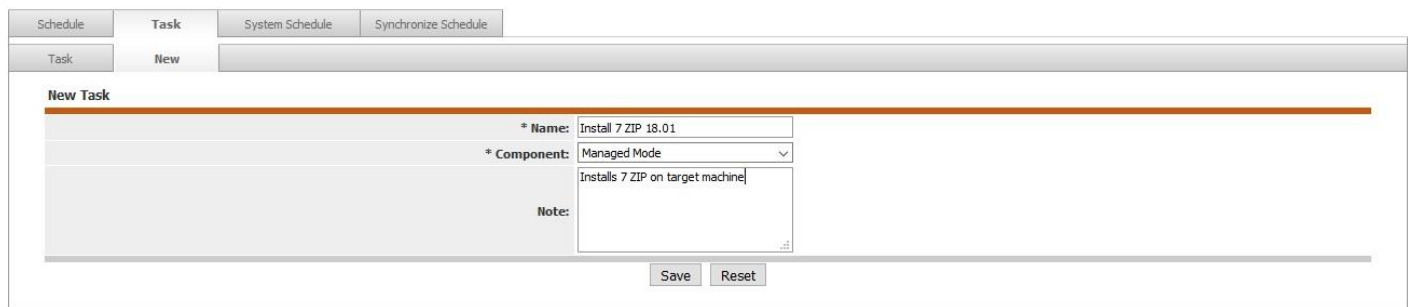


8. Click **Save**.
9. Application will be deployed to all machines that are part of the group as they check-in with the Persysnt Server.

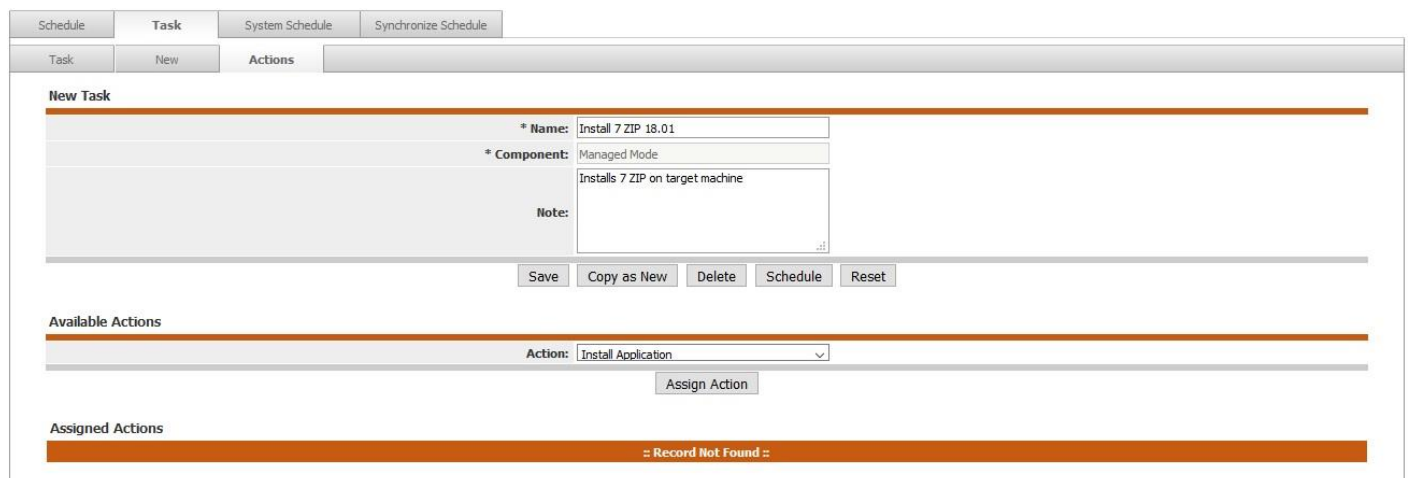
## Deploying Application using Scheduled Task

Application can be deployed to a machine or group of machines using schedule task.

1. Login to WebUI.
2. Click on **Task** on the left-hand side tree.
3. Click **New** tab on the right-hand side to create the new task.
4. Enter Task information:
  - a. Name – Name of the task. For example: Install 7 ZIP 18.01
  - b. Component – Select **Managed Mode**.
  - c. Note – Enter any notes if needed.



5. Click **Save**.
6. Select **Install Application** action from list of Actions.



7. Click **Assign Action**.
8. Select application to be installed on the target machine from the dropdown list.
9. Click **Save**.

Schedule	<b>Task</b>	System Schedule	Synchronize Schedule
Task	New	Actions	<b>New Action</b>

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**Task**

Name:

Component:

---

**New Action**

Action Name:

On Success:

On Failure:

\* Application:

Action Description:

Action Summary:

10. Task is ready to schedule on machines.

## Scheduling Task on machines

1. Click on the Computer Group or the Server where the computer is located.
2. Select computer(s) to assign the schedule and click on "**Schedule**" button.

Servers	<b>Computers</b>	Imaging Console	Base Images	AD OU Paths
Computers	<b>Schedule</b>	Change Group	New Computer	

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**Search**

Group:

App. Name:

Service Pack:

Model:

Post-Boot Version:

Computer:

Version:

OS:

MAC:

Pre-Boot Version:

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**Group Computers**

Computer Name	Group	MAC	Pre-Boot Version	Post-Boot Version	Last Check in	Last Updated	Cache Created
<input checked="" type="checkbox"/> SCG44021XS	Root.Orlando	3464A9D38071	5.22.5739.14433		9/18/2015 12:22:03 PM		Yes
<input type="checkbox"/> DEVPC8	Root.Orlando.Inherited Computers	000C293E85FA	5.26.5889.550		2/15/2016 1:17:35 AM		Yes
<input type="checkbox"/> DPATEL-VMPC	Root.Orlando.Inherited Computers	0050563F82E2	5.26.5889.24242		2/16/2016 5:16:39 PM		Yes
<input type="checkbox"/> DP-DEVLAPTOP01	Root.Orlando.Inherited Computers	6480996A8A65	5.26.5876.33885		2/2/2016 9:10:56 PM		No
<input type="checkbox"/> UNLAPTOP-01	Root.Orlando.Inherited Computers	EC0EC44F824D	5.26.5876.33885		2/7/2016 10:04:42 AM		Yes

Total Records: 5 Page:  Lines:

3. Select task to be scheduled from the pull-down menu and give a name to the schedule.
4. Select schedule options (type of schedule, reboot options, etc.) based on requirement.

Group

Computers

Computers

Schedule

Change Group

New Computer

Schedule Computers

Schedule

< New >

Schedule

\* Name:

d614dc1c-f90e-4941-b679-db89bd402059

\* Priority:

50

\* Task:

Install 7 ZIP 18.01

Occurrence Time (Server Time: 10:12 AM)

Start Time:

09:45 AM

Duration:

1 Day

Restart options:

Manual Restart

Recurrence Pattern

☒ RunOnce

☐ Daily

☐ Weekly

☐ Monthly

Start Date:

2018

April

25

Next

Reset

Back

Group Computers

Name	Group	MAC	Pre-Boot Version	Post-Boot Version	Last Check-in	Computer Model	Serial Number	Company Inventory Id	Cache Created
WIN-3T426QHJ2I	Inherited Computers	000C29A5013C							No

Total Records: 1

Page: ALL

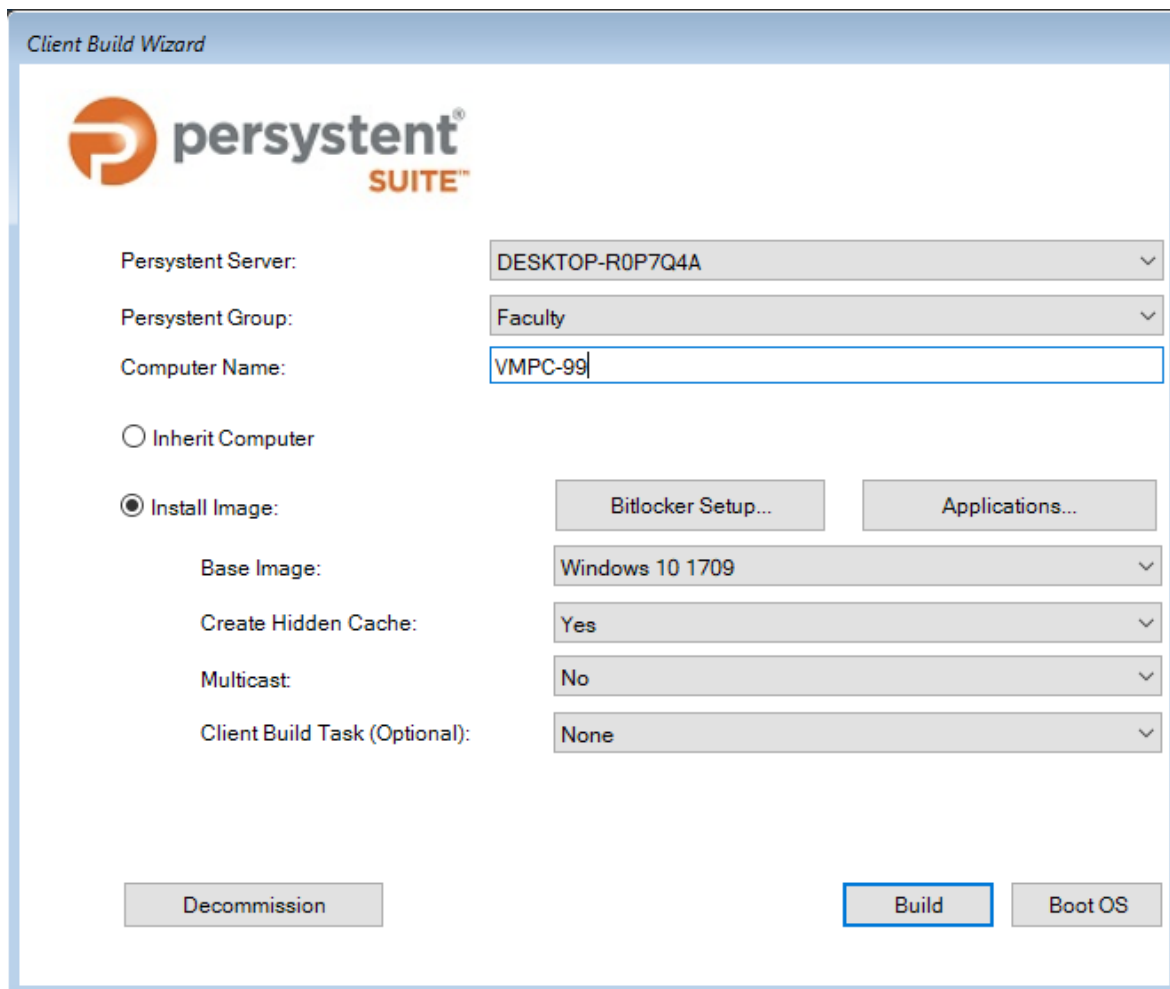
Lines: ---

- Click on **"Next"** button.
- Click on **"Confirm"** to assign schedule to computer(s).
- Computers will poll the server and execute the task.

## Deploying Application using Client Build Wizard

Applications can be deployed post imaging by using Client Build Wizard. Select applications that you would like to install on the Client Build Wizard and they would be installed on the machine automatically post imaging process.

1. Boot computer to Persysnt using PXE/CD/DVD/USB.
2. Computer will now boot into the pre-boot environment and will prompt you to login.
3. Enter the username and password that you use to log into Persysnt Web Console.
4. The **Client Build Wizard** screen is shown and **Install Image** is selected by default. On this screen the following information can be provided:



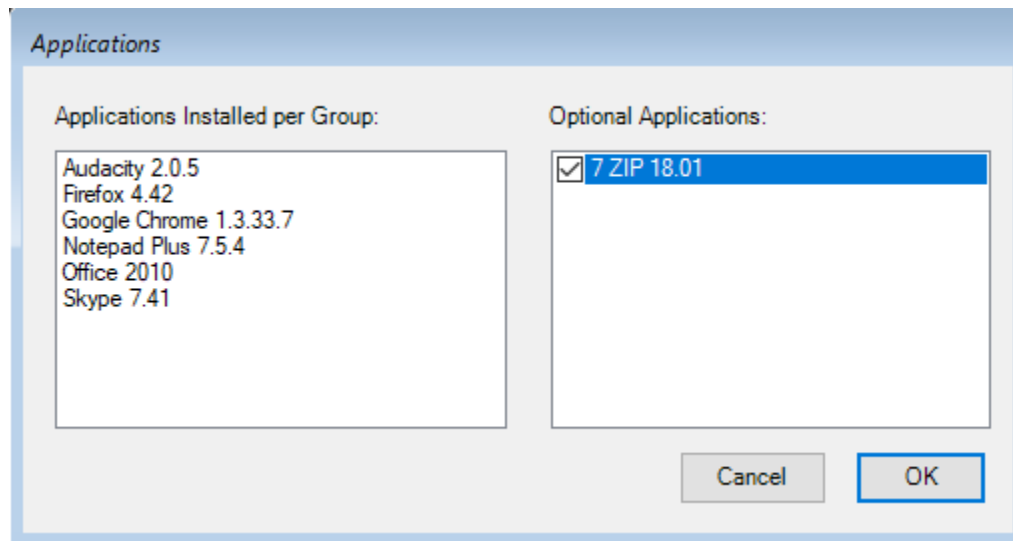
The screenshot shows the 'Client Build Wizard' window with the Persysnt SUITE logo. The window contains several configuration fields and buttons. The 'Persysnt Server' is set to 'DESKTOP-R0P7Q4A', 'Persysnt Group' is 'Faculty', and 'Computer Name' is 'VMPC-99'. The 'Install Image' radio button is selected. Below it, 'Base Image' is 'Windows 10 1709', 'Create Hidden Cache' is 'Yes', 'Multicast' is 'No', and 'Client Build Task (Optional)' is 'None'. There are buttons for 'Decommission', 'Build', and 'Boot OS'. There are also buttons for 'Bitlocker Setup...' and 'Applications...'.

Persysnt Server:	DESKTOP-R0P7Q4A
Persysnt Group:	Faculty
Computer Name:	VMPC-99
<input type="radio"/> Inherit Computer	
<input checked="" type="radio"/> Install Image:	<input type="button" value="Bitlocker Setup..."/> <input type="button" value="Applications..."/>
Base Image:	Windows 10 1709
Create Hidden Cache:	Yes
Multicast:	No
Client Build Task (Optional):	None
<input type="button" value="Decommission"/> <input type="button" value="Build"/> <input type="button" value="Boot OS"/>	

- A. **Persysnt Server** – Select the Persysnt Server that this computer will report to.
- B. **Persysnt Group** – Select the Persysnt Group that this computer belongs to.
- C. **Computer Name** – Enter the name to assign to this computer.
- D. **Base Image** – The image that is being deployed.



- E. **Create Hidden Cache** – If Yes is selected, it will create a hidden cache partition which will enable the repair functionality. If No is selected, it will install the image on the computer, but it will not create hidden cache partition and you will not be able to use repair functionality.
- F. **Multicast** – This option provides the ability to deploy an image to multiple computer simultaneously. If multiple computers are being imaged, use this option so that the base image is transferred once over the network rather than multiple times.
- G. **Client Build Task (Optional)** – If a Client Build Task has been created it can be selected here. This task will be executed once the base image has been installed on the computer. This allows you to automate your imaging process.
- H. **Bitlocker Setup** – Click on Bitlocker Setup button to configure Bitlocker and TPM settings.
- I. **Applications** – Click on Applications button to select any applications that you would like to deploy post imaging process.



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**NOTE** If using BitLocker, please refer to the “Technical Brief- BitLocker” document.

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- 5. Click **Build**.
- 6. The selected base image is now being installed on the computer. Once the base image is installed successfully then it will be added to Persistent Web Console automatically. The machine will automatically install any applications selected on this wizard. At this point, the build process is complete and the computer is ready to be managed through Persistent Web Console.

## Application Replication to other Persysnt Servers

Application replication will allow administrator to add application on the master server and then replicate them to other Persysnt Server automatically. The master server should be accessible over the network from all other Persysnt Servers in order for the application replication to work correctly.

### Setting up Master Server

A master image server needs to be dedicated in the Persysnt WebUI so that all other Persysnt Servers can replicate base images.

1. Login to the Persysnt WebUI.
2. Click on the Persysnt Server on the tree which is going to be Master Server.
3. Click on the **Server** tab.
4. Click on the **Manage** tab.
5. Scroll down to **Server Policy** section.

Server Policy

Max Repair Points:	5	Log Files To keep On Servers For:	30 Days
Max Profile Images:	1	Log Files To keep On Clients For:	30 Days
Repository Maintenance:	Enabled (Everyday)	Repository Maintenance Time:	12 AM
Is this a Master Server:	Yes	Master Server:	DESKTOP-R0P7Q4A
Image/Application Sync Frequency to other servers:	12 Hours	Image/Application Sync to this server:	Disabled

6. Change the setting for “Is this is a Master Server” to “Yes”.
7. Set the “Image/Application Sync Frequency to other servers” to desired setting (default setting is 15 Minutes).
8. Restart “Persysnt Repository Service” on this server.

### Setting up Child Server

A master image server needs to be dedicated in the Persysnt WebUI so that all other Persysnt Servers can replicate base images.

1. Login to the Persysnt WebUI.
2. Click on the Persysnt Server on the tree which is going to be Child Server.
3. Click on the **Server** tab.
4. Click on the **Manage** tab.
5. Scroll down to **Server Policy** section.

Server Policy

Max Repair Points:	5	Log Files To keep On Servers For:	30 Days
Max Profile Images:	5	Log Files To keep On Clients For:	30 Days
Repository Maintenance:	Enabled (Everyday)	Repository Maintenance Time:	12 AM
Is this a Master Server:	No	Master Server:	DESKTOP-R0P7Q4A
Image/Application Sync Frequency to other servers:	12 Hours	Image/Application Sync to this server:	Enabled

6. Change the setting for “Image/Application Sync to this server” to “Enabled”.
7. Restart “Persysnt Repository Service” on this server.
8. Repeat steps 1 – 8 for all other child servers.

## Set Application to Be Replicated

All applications by default are set not be replicated. It is a good practice to test the applications first and then set it to be replicated to other servers. Here are steps to set an application to be replicated to other servers.

1. Login to the Persysnt WebUI.
2. Click on the Persysnt Server on the tree which is dedicated as master server.
3. Click on “**Applications**” tab. All available applications will be listed.

Server

Computers

Imaging Console

Base Images

Applications

AD OU Paths

Applications

Applications

<input type="checkbox"/>	Name	Version	Architecture	CreatedOn	Synchronize	ReSynchronize	CommandLine	Arguments
<input type="checkbox"/>	7 ZIP 18.01	18.01	x64	3/20/2018 12:11:04 PM	Yes	No	7 ZIP 18.01\7z1801-x64.exe	/S
<input type="checkbox"/>	Audacity 2.0.5	2.0.5	x64	4/20/2018 10:38:14 AM	Yes	No	Audacity 2.0.5\audacity-win-2.0.5.exe	/verysilent
<input type="checkbox"/>	Firefox 4.42	4.42	x64	4/4/2018 1:16:25 PM	Yes	No	Firefox 4.42\Firefox Installer.exe	-ms
<input type="checkbox"/>	Google Chrome 1.3.33.7	1.3.33.7	x64	4/4/2018 12:30:14 PM	Yes	No	Google Chrome 1.3.33.7\ChromeSetup.exe	/silent /install
<input type="checkbox"/>	Notepad Plus 7.5.4	7.5.4	x64	4/3/2018 5:12:18 PM	Yes	Yes	Notepad Plus 7.5.4\ppp.7.5.4.Installer.exe	/S
<input type="checkbox"/>	Office 2010	2010	x64	4/20/2018 11:06:47 AM	Yes	No	Office 2010\Setup.exe	/config "C:\Office 2010\ProPlusr.WW\config.xml"
<input type="checkbox"/>	Skype 7.41	7.41	x64	4/4/2018 12:48:09 PM	Yes	No	Skype 7.41\SkypeSetupFull.exe	/VERYSILENT /SP- /NOCANCEL /NORESTART /SUPPRESSMSGBOXES /NOLAUNCH

Delete

Total Records: 7

Page: All Lines:

4. Click on the application that needs to be replicated to other servers.
5. Change the setting “**Synchronize Application**” to “Yes”.
6. Click **Save**.

Server
Computers
Imaging Console
Base Images
**Applications**
AD OU Paths

Applications

**Application Details**

Name: 7 ZIP 18.01  
Version: 18.01  
Architecture: x64  
Created On: 3/20/2018 12:11:04 PM  
Synchronize Application: Yes  
ReSynchronize Application: No  
CommandLine: 7 ZIP 18.01\7z1801-x64.exe  
Arguments: /S

Save Delete Reset

**Applications**

<input type="checkbox"/>	Name	Version	Architecture	CreatedOn	Synchronize	ReSynchronize	CommandLine	Arguments
<input type="checkbox"/>	7 ZIP 18.01	18.01	x64	3/20/2018 12:11:04 PM	Yes	No	7 ZIP 18.01\7z1801-x64.exe	/S
<input type="checkbox"/>	Audacity 2.0.5	2.0.5	x64	4/20/2018 10:38:14 AM	Yes	No	Audacity 2.0.5\audacity-win-2.0.5.exe	/verysilent
<input type="checkbox"/>	Firefox 4.42	4.42	x64	4/4/2018 1:16:25 PM	Yes	No	Firefox 4.42\Firefox Installer.exe	-ms
<input type="checkbox"/>	Google Chrome 1.3.33.7	1.3.33.7	x64	4/4/2018 12:30:14 PM	Yes	No	Google Chrome 1.3.33.7\ChromeSetup.exe	/silent /install
<input type="checkbox"/>	Notepad Plus 7.5.4	7.5.4	x64	4/3/2018 5:12:18 PM	Yes	Yes	Notepad Plus 7.5.4\npp.7.5.4.Installer.exe	/S
<input type="checkbox"/>	Office 2010	2010	x64	4/20/2018 11:06:47 AM	Yes	No	Office 2010\Setup.exe	/config "C:\Office 2010\ProPlusr.WW\config.xml"
<input type="checkbox"/>	Skype 7.41	7.41	x64	4/4/2018 12:48:09 PM	Yes	No	Skype 7.41\skypeSetupFull.exe	/VERYSILENT /SP- /NOCANCEL /NORESTART /SUPPRESSMSGBOXES /NOLAUNCH

Delete
Total Records: 7
Page: ALL
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7. Application will be synchronized to other servers based on the policy.

## Application Installation History

Application installation history from each computer is updated on the Persysent Web Console. You can view status of each application installation for every computer.

1. Login to the WebUI.
2. Expand the Persysent Server on the left-hand side tree.
3. Click on the Computer Group or the Server where the computer is located.
4. Click on the computer for which you would like to see the application installation history.

Group Computers

<input type="checkbox"/>	Id	Computer Name	Group	HAC	Pre-Boot Version	Post-Boot Version	Last Check-in	Computer Model	Serial Number	Company Inventory Id	Cache Created
<input type="checkbox"/>	1909	HPTSTPC	Root.Orlando.Faculty	B05ADAE54280	10.0.16299.15	6.2.6687.21808	4/25/2018 7:59:35 AM	HP Pavilion Notebook	5CD54537F6		Yes
<input type="checkbox"/>	1908	VMPC-99	Root.Orlando.Faculty	000C29547432	10.0.16299.15	6.2.6687.21808	4/23/2018 2:46:27 PM	VMware Virtual Platform	VMware-56 4d 63 dd 15 9e ca 4a-b8 77 b2 38 08 54 7		Yes

Schedule Delete Total Records: 2 Page: ALL Lines: ---

5. Click on the **History** tab.
6. Click on the **Application History** tab.
7. Application history will be displayed based on when the computer had installed each application.

Server	Computers	Imaging Console	Base Images	Applications	AD OU Paths
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Applications

<input type="checkbox"/>	Id	Name	Version	Architecture	CreatedOn	Synchronize	ReSynchronize	Licensed	CommandLine	Arguments
<input type="checkbox"/>	16	7 ZIP 18.01	18.01	x64	3/20/2018 12:11:04 PM	Yes	No	No	7 ZIP 18.01\7z1801-x64.exe	/S
<input type="checkbox"/>	33	Adobe Reader DC 18.11	18.11	x64	8/10/2018 3:36:26 PM	No	No	No	Adobe Reader DC 18.11\AcroRd\DC1801120055_en_US.exe	/sAll
<input type="checkbox"/>	27	Audacity 2.0.5	2.0.5	x64	4/20/2018 10:38:14 AM	Yes	No	No	Audacity 2.0.5\audacity-win-2.0.5.exe	/verysilent
<input type="checkbox"/>	26	Firefox 4.42	4.42	x64	4/4/2018 1:16:25 PM	Yes	No	No	Firefox 4.42\Firefox Installer.exe	-ms
<input type="checkbox"/>	24	Google Chrome 1.3.33.7	1.3.33.7	x64	4/4/2018 12:30:14 PM	Yes	No	No	Google Chrome 1.3.33.7\ChromeSetup.exe	/silent /install
<input type="checkbox"/>	21	Notepad Plus 7.5.4	7.5.4	x64	4/3/2018 5:12:18 PM	Yes	No	No	Notepad Plus 7.5.4\pp.7.5.4.Installer.exe	/S
<input type="checkbox"/>	28	Office 2010	2010	x64	4/20/2018 11:06:47 AM	Yes	No	Yes	Office 2010\Setup.exe	/config "C:\Office 2010\ProPlusr.WW\config.xml"
<input type="checkbox"/>	25	Skype 7.41	7.41	x64	4/4/2018 12:48:09 PM	Yes	No	No	Skype 7.41\SkypeSetupFull.exe	/VERY SILENT /SP- /NOCANCEL /NORESTART /SUPPRESSMSGBOXES /NOLAUNCH

Delete Total Records: 8 Page: ALL Lines: ---



## Installing Application using Notifier Agent

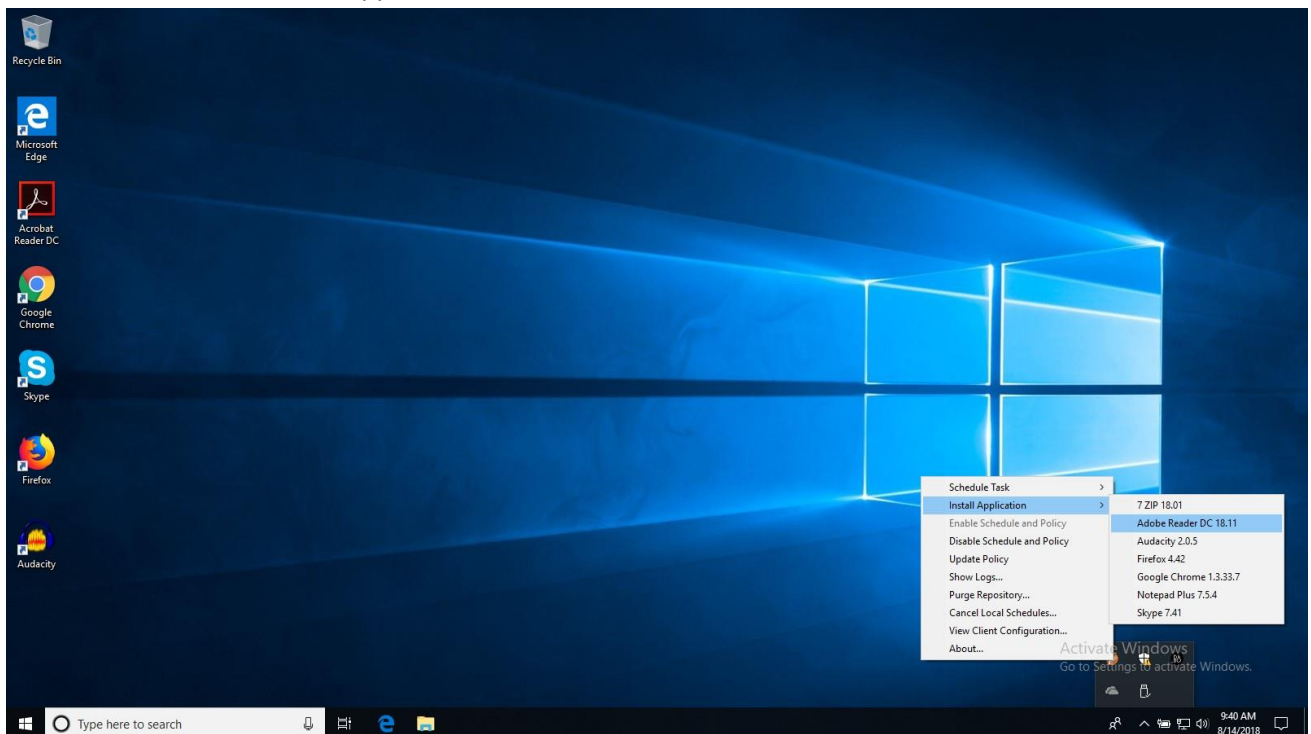
Applications can be installed by user using Notifier Agent on the client machine. User can only install unlicensed applications and if the policy is enabled to allow user to install applications.

### Setting Policy to allow application install using Notifier Agent

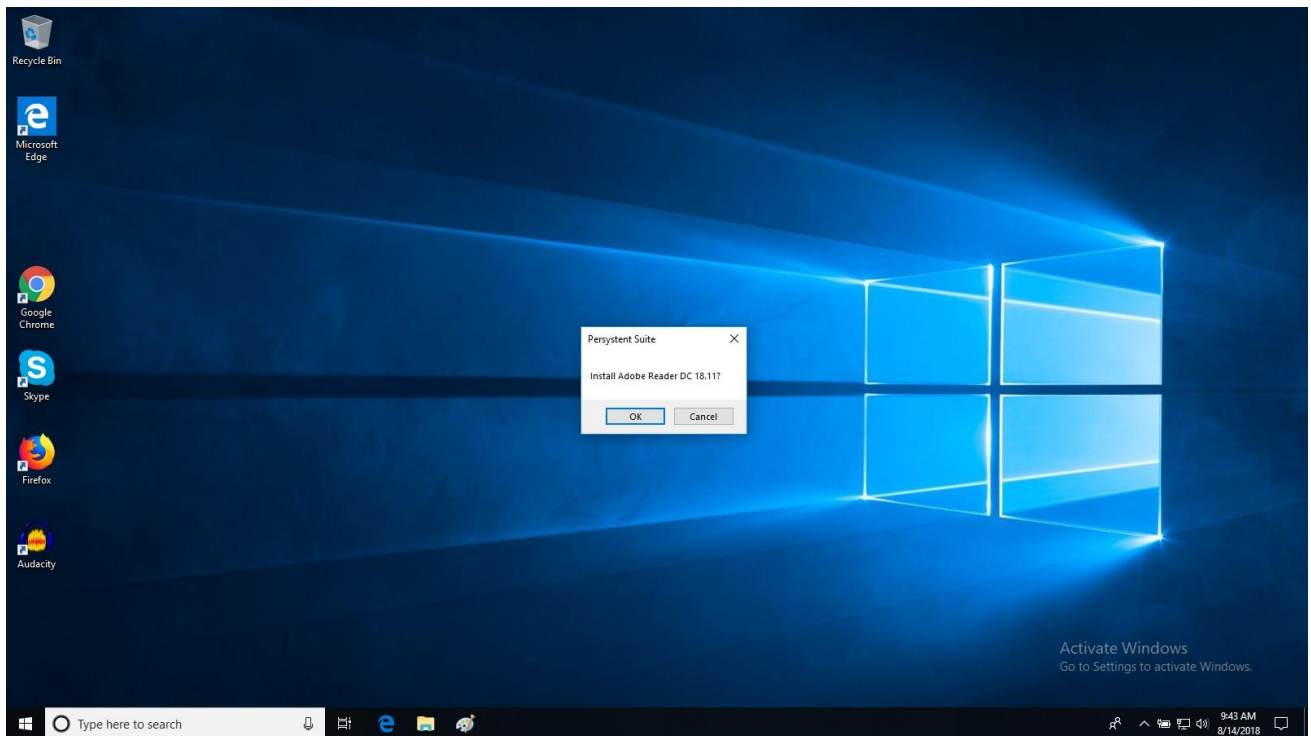
1. Login to the WebUI.
2. Click on “**Post Boot**” policy on the left-hand side tree.
3. Click on the desired policy from the list of **Available Post-Boot Policies**.
4. Make sure that “**Show Notifier Agent**” is set to **Enabled**.
5. Make sure that “**Allow Application installs using Notifier Agent**” is set to **Enabled**.

### Installing Application using Notifier Agent

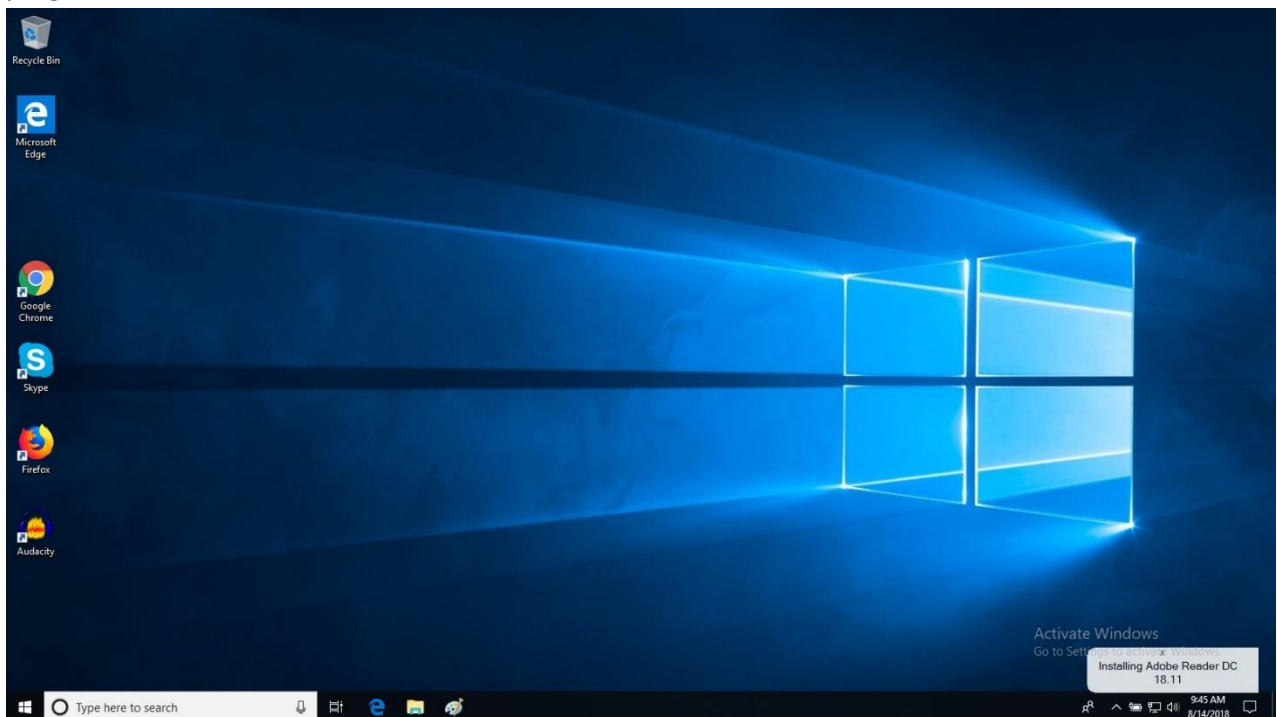
1. Login to the client machine.
2. Right click on Persysent Notifier Agent icon from the task bar.
3. Click on “Install Application”.
4. Click on one of the available applications to be installed on the machine.



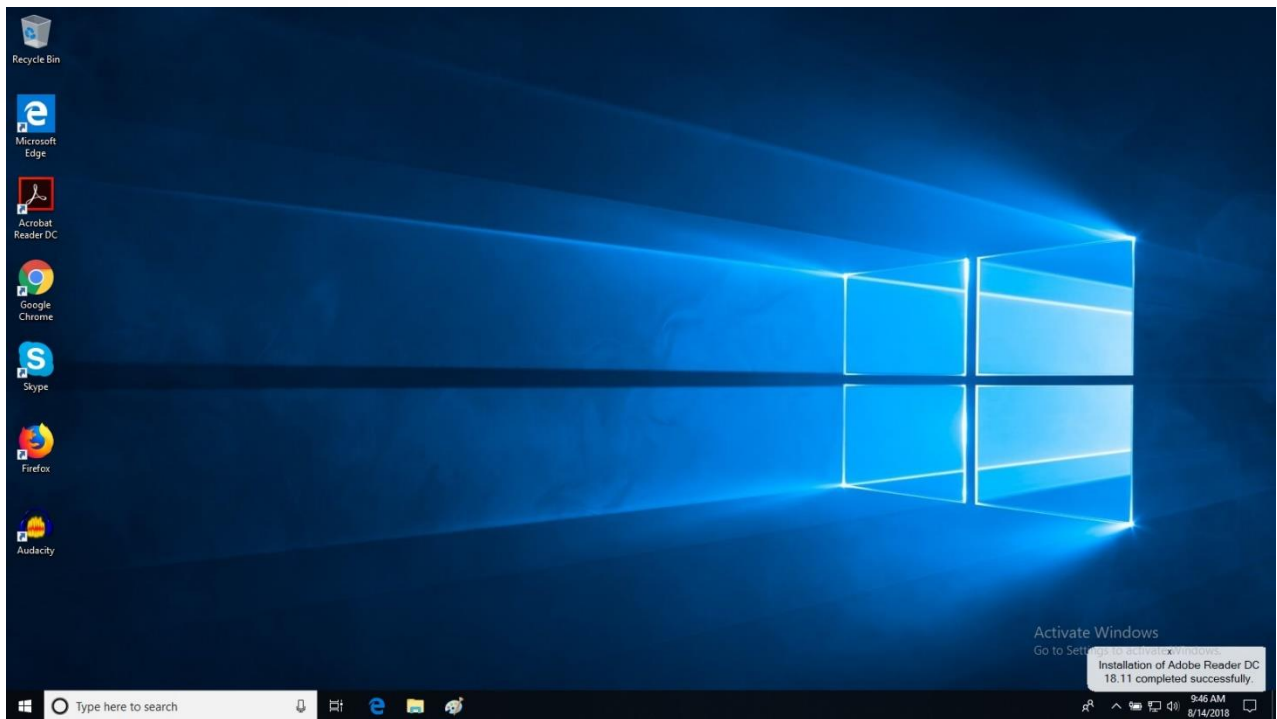
5. Click **OK** to install selected application.



6. Application install will be started and notification will be shown to the user that the application install is in progress.



7. Notification will be shown to the user once the application has been installed.



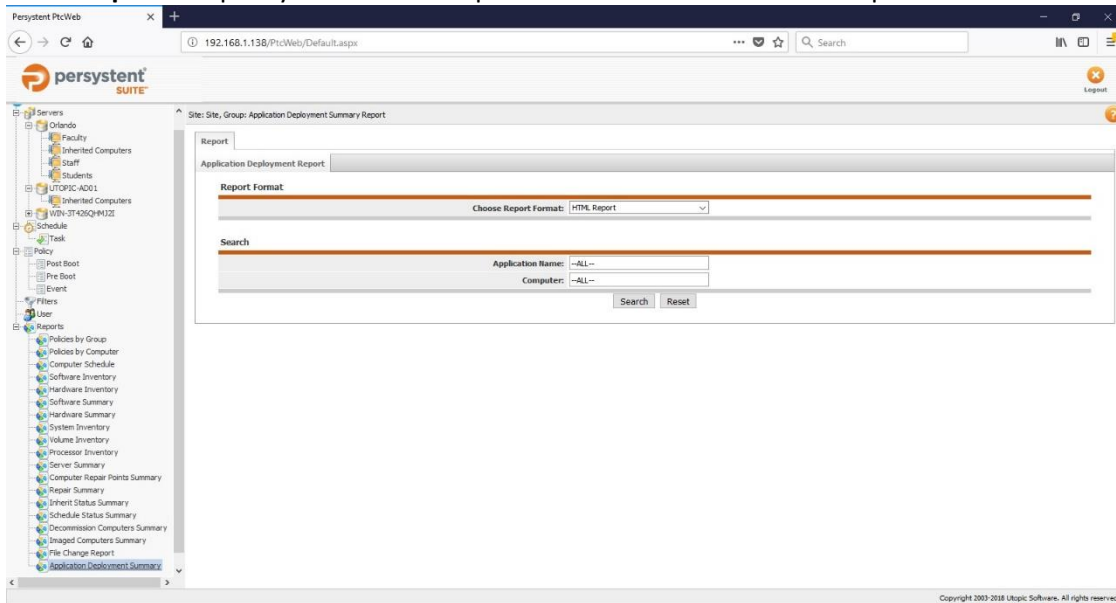
8. Application installation history will be sent to the WebUI for reporting purpose.



## Application Installation Report

Application installation report can be run to view status of all or specific installation of an application. This report can be exported to EXCEL.

1. Login to the WebUI.
2. Expand **Reports**.
3. Click on **Application Deployment Summary** report.
4. Search options:
  - a. **Application Name** – Specify name of an application or leave it blank for all applications.
  - b. **Computer** – Specify name of a computer or leave it blank for all computers.



5. Select desired report option
  - a. **HTML Report** – Results are displayed in the WebUI.
  - b. **MS Excel (XLS)** – Results are exported in excel format.
6. Click **Search**.
7. Results are displayed in selected format.

Application Deployment Report								
Application Id	Computer Id	Name	MACAddress	Application	Version	InstalledOn	LastCheckIn	AgentVersion
16	461	DPMAIN-LAPTOP	D89D67CB0FD5	7 ZIP 18.01	18.01	4/18/2018 11:33:18 AM	3/21/2017 10:05:27 AM	5.37.6155.16468
16	1909	HPTESTPC	B05ADAE54280	7 ZIP 18.01	18.01	4/23/2018 5:00:49 PM	4/25/2018 7:59:35 AM	6.2.6687.21808
21	1909	HPTESTPC	B05ADAE54280	Notepad Plus 7.5.4	7.5.4	4/23/2018 5:00:51 PM	4/25/2018 7:59:35 AM	6.2.6687.21808
24	1909	HPTESTPC	B05ADAE54280	Google Chrome 1.3.33.7	1.3.33.7	4/23/2018 5:01:14 PM	4/25/2018 7:59:35 AM	6.2.6687.21808
25	1909	HPTESTPC	B05ADAE54280	Skype 7.41	7.41	4/23/2018 5:02:04 PM	4/25/2018 7:59:35 AM	6.2.6687.21808
26	1909	HPTESTPC	B05ADAE54280	Firefox 4.42	4.42	4/23/2018 5:02:24 PM	4/25/2018 7:59:35 AM	6.2.6687.21808
27	1909	HPTESTPC	B05ADAE54280	Audacity 2.0.5	2.0.5	4/23/2018 5:02:32 PM	4/25/2018 7:59:35 AM	6.2.6687.21808
28	1909	HPTESTPC	B05ADAE54280	Office 2010	2010	4/23/2018 5:08:17 PM	4/25/2018 7:59:35 AM	6.2.6687.21808
28	1908	VMPC-99	000C29547432	Office 2010	2010	4/23/2018 12:28:15 PM	4/23/2018 2:46:27 PM	6.2.6687.21808
27	1908	VMPC-99	000C29547432	Audacity 2.0.5	2.0.5	4/23/2018 12:25:07 PM	4/23/2018 2:46:27 PM	6.2.6687.21808
26	1908	VMPC-99	000C29547432	Firefox 4.42	4.42	4/23/2018 12:25:02 PM	4/23/2018 2:46:27 PM	6.2.6687.21808
25	1908	VMPC-99	000C29547432	Skype 7.41	7.41	4/23/2018 12:24:11 PM	4/23/2018 2:46:27 PM	6.2.6687.21808
24	1908	VMPC-99	000C29547432	Google Chrome 1.3.33.7	1.3.33.7	4/23/2018 12:21:40 PM	4/23/2018 2:46:27 PM	6.2.6687.21808
21	1908	VMPC-99	000C29547432	Notepad Plus 7.5.4	7.5.4	4/23/2018 12:20:48 PM	4/23/2018 2:46:27 PM	6.2.6687.21808
16	1908	VMPC-99	000C29547432	7 ZIP 18.01	18.01	4/23/2018 12:20:47 PM	4/23/2018 2:46:27 PM	6.2.6687.21808
Total Records: 15								

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