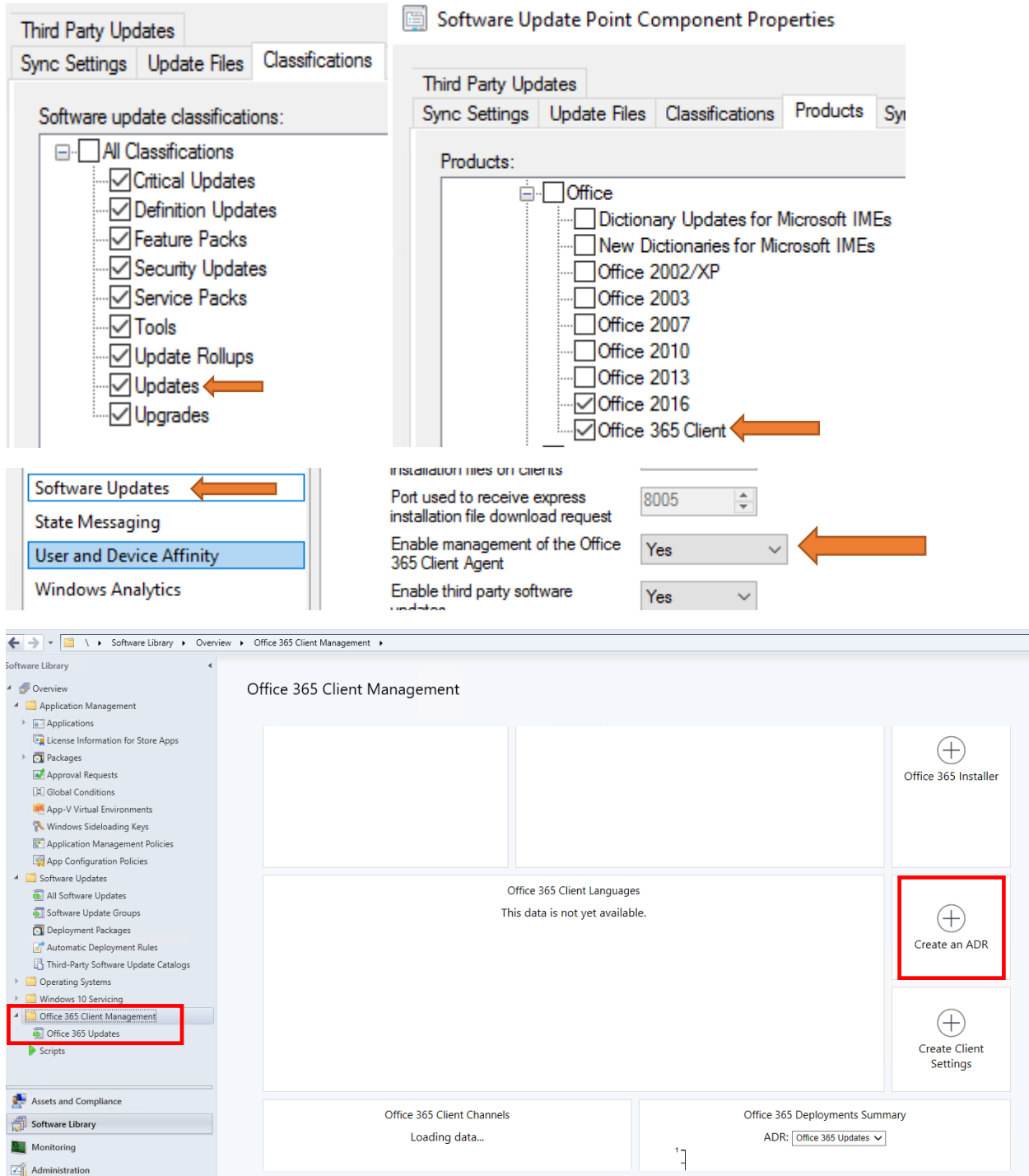# Creating ADR for Office 365

In this post, I will show you how to create and deploy Office 365 ADR to all workstations within Office 365 collection. Make sure to enable updates, Office 365 client & in the client setting – Software Updates

Create Automatic Deployment Rule Wizard ✕

General

General	
Deployment Settings	
Software Updates	
Evaluation Schedule	
Deployment Schedule	
User Experience	
Alerts	
Deployment Package	
Download Settings	
Summary	
Progress	
Completion	

Specify the settings for this automatic deployment rule

Name: Office 365 Updates

Description:

Select a previously saved deployment template that defines configuration settings for this deployment. You can save the current configuration as a new deployment template on the Summary page of this wizard.

Template: [▼] Manage Templates...

Specify the target collection for the software update deployment.

Collection: Office 365 Browse...

Each time the rule runs and finds new updates.

○ Add to an existing Software Update Group
◉ Create a new Software Update Group

Choose whether to enable the deployment after this rule runs for the associated software update group. When this setting is not selected, you must manually deploy the software update group.

☑ Enable the deployment after this rule is run

[< Previous] [Next >] [Summary] [Cancel]

Create Automatic Deployment Rule Wizard ＞

Deployment Settings

General	
Deployment Settings	
Software Updates	
Evaluation Schedule	
Deployment Schedule	
User Experience	
Alerts	
Deployment Package	
Download Settings	
Summary	
Progress	
Completion	

Specify the settings for this Automatic Deployment Rule

☐ Use Wake-on-LAN to wake up clients for required deployments

Choose how much state detail you want clients to report back for deployments created by this rule.

Detail level: Only error messages [▼]

Some software updates include a license agreement. Software updates that you choose to deploy automatically will not display any license agreement to you, regardless of whether those software updates include a license agreement. You can review the Microsoft Software License Terms in the All Updates list in the Software Updates node of the console.

○ Automatically deploy only software updates found by this rule that do not include a license agreement, or for which the license agreement has already been approved
◉ Automatically deploy all software updates found by this rule, and approve any license agreements

[< Previous] [Next >] [Summary] [Cancel]

Office 365 Updates Properties

Deployment Package

| General | Deployment Settings | **Software Updates** | Evaluation Schedule | Alerts | Language Selection |

The software updates that meet the specified criteria are added to the associated software update group.

Property filters:

- [ ] Architecture
- [ ] Article ID
- [ ] Bulletin ID
- [ ] Content Size (KB)
- [ ] Custom Severity
- [x] Date Released or Revised
- [ ] Description
- [x] Language
- [x] Product

Search criteria:

Date Released or Revised Last 1 month
Language "English"
Product "Office 365 Client"
Title Update - Monthly Channel

For Title you can use Semi Annual Channel or Monthly Channel or First Release or Deferred Channel or Preview Perpetual

Preview

OK   Cancel   Apply

Office 365 Updates Properties

Deployment Package

| General | Deployment Settings | Software Updates | **Evaluation Schedule** | Alerts | Language Selection |

Current software update point synchronization schedule:

Occurs every 1 days effective 19-Jul-2018 1:00 AM

○ Do not run this rule automatically

○ Run the rule after any software update point synchronization

◉ Run the rule on a schedule

Occurs every 1 weeks on Thursday effective 08-Nov-2018 1:30 PM   Customize...

OK   Cancel   Apply

Create Automatic Deployment Rule Wizard

Deployment Schedule

General
Deployment Settings
Software Updates
Evaluation Schedule
Deployment Schedule
User Experience
Alerts
Deployment Package
    Download Location
    Language Selection
Download Settings
Summary
Progress
Completion

Configure schedule details for this deployment

Schedule evaluation

Specify if the schedule for this deployment is evaluated based upon Universal Coordinated Time (UTC) or the local time of the client.

Time based on: [Client local time ▾]

Software available time

Specify when software updates are available. After this rule is run, software updates are distributed to the content server. Then the software updates are available to install as soon as possible or scheduled to install at a configured period of time after the rule is run.

Note: You must enable this deployment before software updates are available to install.

◉ As soon as possible
○ Specific time: [7 ⇕]   [Days ▾]
     Available time: [_____]

Installation deadline

Specify a deadline for required software updates. The deadline is determined by adding the deadline time to the installation time. When the deadline is reached, required software updates are installed on the device and the device is restarted if necessary.

○ As soon as possible
◉ Specific time: [7 ⇕]   [Days ▾]
     Deadline time (from deployment available time):
     [15-Nov-2018 9:35:00 PM]

☐ Delay enforcement of this deployment according to user preferences, up to the grace period defined in client settings.

[< Previous] [Next >] [Summary] [Cancel]

Create Automatic Deployment Rule Wizard

User Experience

General
Deployment Settings
Software Updates
Evaluation Schedule
Deployment Schedule
User Experience
Alerts
Deployment Package
    Download Location
    Language Selection
Download Settings
Summary
Progress
Completion

Specify the user experience for this deployment

User visual experience

User notifications: [Display in Software Center, and only show notifications for computer restarts ▾]

Deadline behavior

When the installation deadline is reached, allow the following activities to be performed outside of any defined maintenance windows:

☐ Software Update Installation
☐ System restart (if necessary)

Device restart behavior

Some software updates require a system restart to complete the installation process. You can suppress this restart on servers and workstations.

Suppress the system restart on the following devices:

☐ Servers
☐ Workstations

Write filter handling for Windows Embedded devices

☐ Commit changes at deadline or during a maintenance window (requires restarts)

If this option is not selected, content will be applied on the overlay and committed later.

Software updates deployment re-evaluation behavior upon restart

☑ If any update in this deployment requires a system restart, run updates deployment evaluation cycle after restart

[< Previous] [Next >] [Summary] [Cancel]

Create Automatic Deployment Rule Wizard

Alerts

General
Deployment Settings
Software Updates
Evaluation Schedule
Deployment Schedule
User Experience
Alerts
Deployment Package
   Download Location
   Language Selection
Download Settings
Summary
Progress
Completion

Specify software update alert options for this deployment

Configuration Manager alerts
Specify the criteria for generating a Configuration Manager alert.

☑ Generate an alert when this Rule fails

☐ Generate an alert when the following conditions are met

Client compliance is below the following percent: 90

Offset from the deadline: 7   Days

Alerts are generated after the installation deadline is reached.
Deadline time:

Operations Manager alerts
System Center Operations Manager might generate alerts when a device installs a software update. To avoid receiving alerts for planned maintenance, you can disable these alerts during the duration of the software update installation process.

☐ Disable Operations Manager alerts while software updates run

☑ Generate Operations Manager alert when a software update installation fails

[< Previous] [Next >] [Summary] [Cancel]

Create Automatic Deployment Rule Wizard

Deployment Package

General
Deployment Settings
Software Updates
Evaluation Schedule
Deployment Schedule
User Experience
Alerts
Deployment Package
   Distribution Points
   Download Location
   Language Selection
Download Settings
Summary
Progress
Completion

Select deployment package for this automatic deployment rule

The deployment package contains the software update files associated with this rule that will be available to clients as part of the deployment. You can select an existing deployment package or create a new one.

○ Select a deployment package

                  [Browse...]

◉ Create a new deployment package

Name:
Office 365 Weekly Updates

Description:

Package source (Example):\\<server>\<folder path>
\\cm1\Sources\Update\Office 365   [Browse...]

Sending priority:
High

☑ Enable binary differential replication

To minimize the network traffic between sites, binary differential replication updates only the content that has changed in the package.

○ No deployment package

Clients download content from peers or the Microsoft cloud.

[< Previous] [Next >] [Summary] [Cancel]

Create Automatic Deployment Rule Wizard   ✕

Distribution Points

General
Deployment Settings
Software Updates
Evaluation Schedule
Deployment Schedule
User Experience
Alerts
Deployment Package
   Distribution Points
   Download Location
   Language Selection
Download Settings
Summary
Progress
Completion

Specify the distribution points or distribution point groups to host the content

Distribution points or distribution point groups:

Filter...				Add ▼

Name	Description	Associations	Remove
All DP in Lab	Distribution point group	0	

[< Previous]   [Next >]   [Summary]   [Cancel]

Create Automatic Deployment Rule Wizard   ✕

Download Location

General
Deployment Settings
Software Updates
Evaluation Schedule
Deployment Schedule
User Experience
Alerts
Deployment Package
   Distribution Points
   Download Location
   Language Selection
Download Settings
Summary
Progress
Completion

Specify download location for this Automatic Deployment Rule

If your site server does not have an Internet connection, you can download the software updates from a different computer and save them to a network location accessible by the site server.

◉ Download software updates from the Internet

○ Download software updates from a location on my network:

   Example: \\<server>\<folder path>

[   ]   [Browse...]

Note:

When the deployment package contains all required software updates, select "Download software updates from the Internet". The software updates files will be validated, but will not be downloaded again.

[< Previous]   [Next >]   [Summary]   [Cancel]

Create Automatic Deployment Rule Wizard ✕

Language Selection

General
Deployment Settings
Software Updates
Evaluation Schedule
Deployment Schedule
User Experience
Alerts
Deployment Package
   Distribution Points
   Download Location
   Language Selection
Download Settings
Summary
Progress
Completion

Select languages for which software update files are downloaded

Specify the languages for the software update files that you want to download. The software updates are downloaded only if they are available in the selected languages. Software updates that are not language-specific are always downloaded.

Language ▲	Update File
Arabic	☐
Bulgarian	☐
Chinese (Simplified, PRC)	☐
Chinese (Traditional, Hong Kong S.A.R.)	☐
Chinese (Traditional, Taiwan)	☐
Croatian	☐
Czech	☐
Danish	☐
Dutch	☐
English	☑
Estonian	☐
Finnish	☐
French	☐
German	☐
Greek	☐
Hebrew	☐
Hindi	☐

< Previous   Next >   Summary   Cancel

Create Automatic Deployment Rule Wizard ✕

Download Settings

General
Deployment Settings
Software Updates
Evaluation Schedule
Deployment Schedule
User Experience
Alerts
Deployment Package
   Distribution Points
   Download Location
   Language Selection
Download Settings
Summary
Progress
Completion

Specify the software updates download behavior for clients on slow site boundaries.

Select the deployment option to use when a client uses a distribution point from a neighbor boundary group or the default site boundary group.

Deployment options:
◉ Do not install software updates
◯ Download software updates from distribution point and install

When software updates are not available on any distribution points in current or neighbor boundary group, client can download and install software updates from distribution points in site default boundary group.

Deployment options:
◯ Do not install software updates
◉ Download and install software updates from the distribution points in site default boundary group

☑ If software updates are not available on distribution point in current, neighbor or site boundary groups, download content from Microsoft Updates.

☐ Allow clients on a metered Internet connection to download content after the installation deadline, which might incur additional costs

< Previous   Next >   Summary   Cancel

Create Automatic Deployment Rule Wizard

Summary

Confirm the settings

Details:

Save As Template...

General:
- Automatic Deployment Rule: Office 365 Updates
- Collection: Office 365
- Action that rule should create: Create New Update Group
- Enable Deployment on successful execution of rule: Yes

Deployment Settings:
- Send wake-up packets: No
- Verbosity Level: Only error messages
- Only deploy software updates that do not require a license agreement: No

Software Updates:
- Language: "English"
- Product: "Office 365 Client"
- Superseded: No

Evaluation Schedule:
- Use a custom schedule to evaluate this rule: Occurs every 1 weeks on Thursday effective 08-Nov-2018 9:35 PM

Deployment Schedule:
- Deployment schedules will be based on: Client local time
- Time between rule run and deployment available: As soon as possible
- Time between deployment available and deadline: 7 Days
- Delayed enforcement on deployment: No

User Experience:
- User Notifications: Display in Software Center, and only show notifications for computer restarts
- Install software updates outside the maintenance window when deadline is reached: No
- Restart system outside the maintenance window when deadline is reached: Suppressed
- Commit changes at deadline or during a maintenance window (requires restarts): Suppressed
- If any update in this deployment requires a system restart, run updates deployment evaluation cycle after restart: Yes
- If a restart is required it will be: Allowed

Alerts:
- Enable ADR alerts on failure: Yes
- On update installation error generate a Window Event: Yes
- Disable Window Event while updates install: No

Package
The software updates will be placed in a new package:

To change these settings, click Previous. To apply the settings, click Next.

< Previous   Next >   Summary   Cancel

Create Automatic Deployment Rule Wizard

Completion

✅ **The Create Automatic Deployment Rule Wizard completed successfully**

Details:

General:
- Automatic Deployment Rule: Office 365 Updates
- Collection: Office 365
- Action that rule should create: Create New Update Group
- Enable Deployment on successful execution of rule: Yes

Deployment Settings:
- Send wake-up packets: No
- Verbosity Level: Only error messages
- Only deploy software updates that do not require a license agreement: No

Software Updates:
- Language: "English"
- Product: "Office 365 Client"
- Superseded: No

Evaluation Schedule:
- Use a custom schedule to evaluate this rule: Occurs every 1 weeks on Thursday effective 08-Nov-2018 9:35 PM

Deployment Schedule:
- Deployment schedules will be based on: Client local time
- Time between rule run and deployment available: As soon as possible
- Time between deployment available and deadline: 7 Days
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User Experience:
- User Notifications: Display in Software Center, and only show notifications for computer restarts
- Install software updates outside the maintenance window when deadline is reached: No
- Restart system outside the maintenance window when deadline is reached: Suppressed
- Commit changes at deadline or during a maintenance window (requires restarts): Suppressed
- If any update in this deployment requires a system restart, run updates deployment evaluation cycle after restart: Yes
- If a restart is required it will be: Allowed

Alerts:
- Enable ADR alerts on failure: Yes
- On update installation error generate a Window Event: Yes
- Disable Window Event while updates install: No

To exit the wizard, click Close.

< Previous   Next >   Summary   Close

As you can see from below screen shot Office 365 ADR is created. The updates will be deployed to Office 365 collection weekly.

Automatic Deployment Rules 9 items

Search

Icon	Name	Description	Enabled	Last Error Code	Last Error Description	Last Evaluation Time
	SQL Server 2016	Server running sql 2016	Yes	0X00000000	Success	02-Nov-2018 8:18 AM
	SQL Server 2017	Servers running sql 2017	Yes	0X00000000	Success	02-Nov-2018 9:22 AM
	Windows 7	x64 bit OS	Yes	0X00000000	Success	03-Nov-2018 8:50 AM
	Windows 8	x64 bit OS	Yes	0X00000000	Success	04-Nov-2018 7:15 AM
	Windows 10	x64 bit OS	Yes	0X00000000	Success	05-Nov-2018 9:01 AM
	Windows Server 2016	To run this ADR weekly starting 1st of every month at 6AM.	Yes	0X00000000	Success	08-Nov-2018 6:00 AM
	Defender Daily Updates	For w/s and few servers	Yes	0X00000000	Success	08-Nov-2018 7:00 AM
	Office 365 Updates	Office 365 x64 updates to workstations	Yes	0X00000000	Success	08-Nov-2018 11:31 AM
	Endpoint Daily Updates	For w/s running x64	Yes	0X00000000	Success	09-Nov-2018 1:11 AM

Office 365 Updates

Automatic Deployment Rule

Name:	Office 365 Updates
Description:	Office 365 x64 updates to workstations
Enabled:	Yes
Last Evaluation Time:	08-Nov-2018 11:31 AM
Last Error Time:	
Last Error Code:	0X00000000
Last Error Description:	Success

To perform the test, I will run the ADR now and monitor the logs and check whether the updates are deployed to workstations.

- WCM.log
- WsfbSyncWorker.log
- WSUSCtrl.lo
- WSUSCtrl.log
- wsyncmgr.lo
- wsyncmgr.log
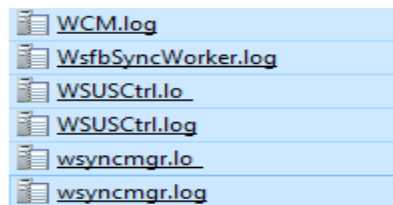
I looked at the deployment status on CAS for Office 365 client updates. It is all deployed. Here is the screen shot.

► Deployments ►

Deployments 17 items

Search

Icon	Software	Collection	Purpose	Action	Feature Type	Compliance %	Date Create
	Endpoint Daily Updates 2018-11-08 23:20:15	EndPoint	Required	Install	Software Update	0.0	08-Nov-20
	Office 365 Updates 2018-11-08 23:18:12	Office 365	Required	Install	Software Update	100.0	08-Nov-20
	Office 365	Office 365	Available	Install	Application	100.0	08-Nov-20
	Windows Server 2016 2018-11-08 06:00:09	Win 2016 x64	Required	Install	Software Update	83.3	08-Nov-20
	Office 2019 x64	Office 2019 x64	Available	Install	Application	0.0	06-Nov-20
	VLC Player MSI Installer	All Systems	Available	Install	Application	90.0	26-Sep-20
	VLC Player MSI Installer	VMM	Available	Install	Application	100.0	26-Sep-20
	VLC Player MSI Installer	Ex 2016	Available	Install	Application	100.0	26-Sep-20
	Security Update for SQL Server 2016 Service Pack 2 CU (KB4458621)	SQL 2016	Available	Install	Software Update	100.0	16-Sep-20
	Security Update for SQL Server 2017 CU (KB4293805)	SQL 2017	Available	Install	Software Update	50.0	23-Aug-20
	Microsoft System Center Operations Manager 1807 - Agent (KB4133779)	SCOM Agent...	Available	Install	Software Update	90.9	14-Aug-20
	Microsoft System Center Virtual Machine Manager 1807 Server (KB4135364)	VMM	Required	Install	Software Update	100.0	11-Aug-20
	Microsoft System Center Virtual Machine Manager 1807 Admin Console (KB4135365)	VMM	Required	Install	Software Update	100.0	11-Aug-20

Office 365 Updates 2018-11-08 23:18:12 Status to Office 365

General

Software:	Office 365 Updates 2018-11-08 23:18:12
Collection:	Office 365
Feature Type:	Software Update
Purpose:	Required
Date Created:	08-Nov-2018 11:18 PM
Last Date Modified:	08-Nov-2018 11:18 PM

Completion Statistics

- Compliant: 2
- In Progress: 0
- Error: 0
- Unknown: 0

Total Asset Count: 2 (Last Update: 09-Nov-2018 12:46:02 AM) View Status

Deployment Status

Software Update: Office 365 Updates 2018-11-08 23:18:12
Collection: Office 365

● Compliant ● In Progress ● Error ● Unknown

Total Assets	Status	Last Status Time
2	Compliant	09-Nov-2018 12:...

Asset Details

Filter

Device	Last Logged On User	Last Compliance State	Last Compliance Message Time
WIN7	(SYSTEM)	Compliant	09-Nov-2018 12:25 AM
WIN8	(SYSTEM)	Compliant	09-Nov-2018 12:14 AM

Asset Message

Details | Software Updates

Article ID	Bulletin ID	Title	Description	Status	Enforcement S
3104046		Office...	The Office...	Installed	
3104046		Office...	The Office...	Installed	
3104046		Office...	The Office...	Installed	
3104046		Office...	The Office...	Installed	
3104046		Office...	The Office...	Installed	
3104046		Office...	The Office...	Installed	
3104046		Office...	The Office...	Installed	
3104046		Office...	The Office...	Installed	
3104046		Office...	The Office...	Installed	
3104046		Office...	The Office...	Installed	

Close

Asset Message

Details | Software Updates

Device Summary

Device:	WIN8
Last Logged On User:	(SYSTEM)
Status:	Compliant
Status Time:	09-Nov-2018 12:14 AM
Error Code:	0X00000000
Error Description:	Success

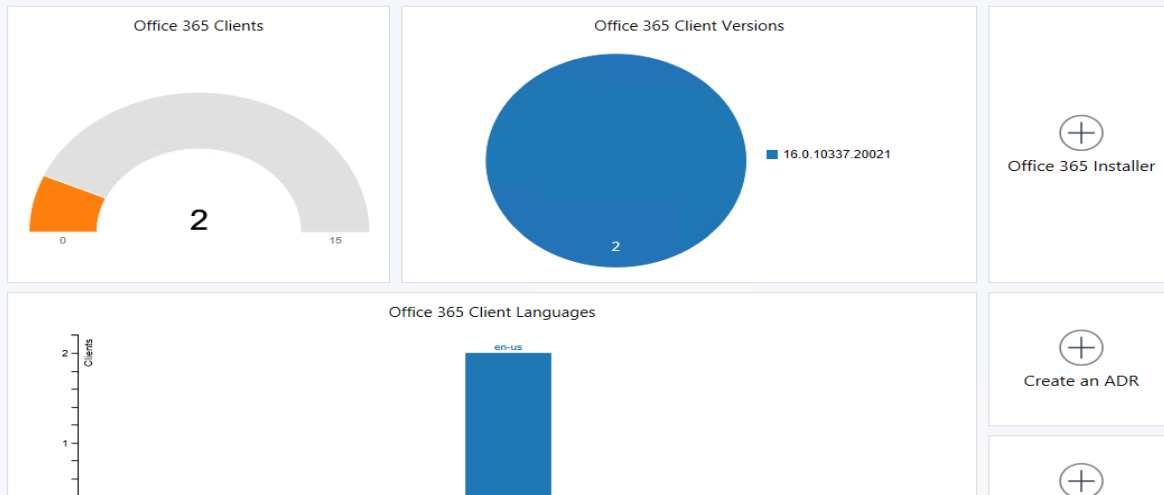**Deployment Summary**

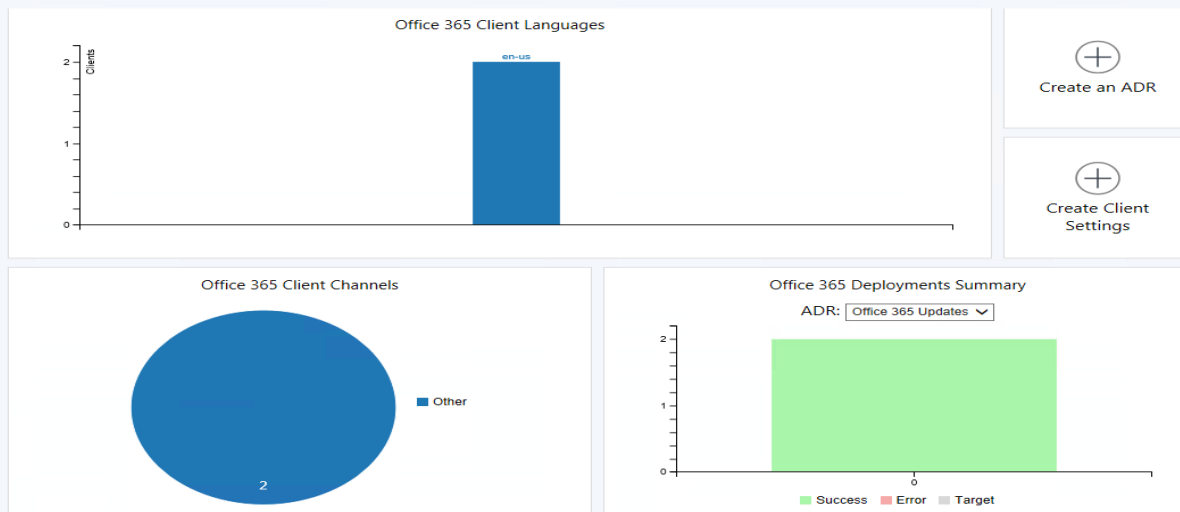|	
Deployment ID:	1262
Deployment:	Office 365 Updates 2018-11-08 23:18:15
Collection:	Office 365
Status Time:	09-Nov-2018 12:14 AM

Close

Office 365 Client Management

Collection: [All Systems ▾] [Browse...]

Office 365 Clients

2

0   15

Office 365 Client Versions

■ 16.0.10337.20021

2

Office 365 Installer

⊕

Office 365 Client Languages

en-us

⊕ Create an ADR

⊕

Office 365 Client Management

Office 365 Client Languages

en-us

⊕ Create an ADR

⊕ Create Client Settings

Office 365 Client Channels

■ Other

2

Office 365 Deployments Summary

ADR: [Office 365 Updates ▾]

■ Success ■ Error ■ Target

I did not see any updates available for install on Win 7 or Win 8 workstation – reason being Office 365 install was the latest version which could answer why it is update to date. I will have to monitor the update in the next cycle and see, if any new updates show up for Office 365 clients.

This concludes the process of deploying Office 365 client updates using ADR.

Thanks

Ram Lan
9th Nov 2018