MECM - SCCM - Create a Deployment

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A package or application will not be available to client machine until it is deployed. You will first need to create a target collection if you have not already done so.

Create an Application Deployment

If you're deploying a pre-created MIT Application or Package, please skip straight to step 4. Otherwise, follow the steps at MECM - SCCM - Application Creation

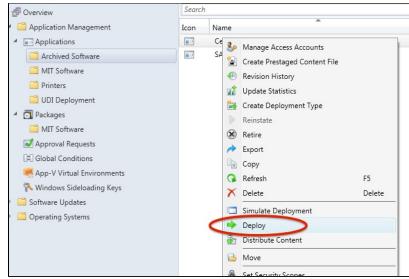
- 1. Right-click on the application or package and select Properties.
- 2. Click the Distribution Settings tab. Then click the radio button next to Automatically download content when packages are assigned to distribution points.

General Information	Application Catalog	References	Distribution Settings	Deployment Typ	es Content Locations	Supersedence
Specify the distribut	tion settings for this p	ackage.				
that you configure t		are sent before	e packages that have		distribution points in the or a low priority. Packag	
Distribution priorit	y:	ledium				
Distribute the	te the content to the content for this pack ition point settings	age to preferre	d distribution points			
Distribute the Prestaged distribut Automatically Download on	content for this pack tion point settings download content w ly content changes t	hen packages o the distributio	are assigned to distribu	ution points		
Distribute the Prestaged distribut Automatically Download on	content for this pack ition point settings download content w	hen packages o the distributio	are assigned to distribu	ution points		

3. Right-click the package and choose to Distribute Content. Add a preferred distribution point group. Click OK and then Next.

General	Add Distribution Point Groups
Content	Select distribution point groups that will host this content.
Content Destination	Software Update Packages are never distributed to Cloud Distribution
Progress	Points It groups, and the
Completion	Available distribution point groups:
	Fiter
	Name Description DP-Group01 Add
	Remove
	1911012
	O
	OK Cancel

4. Right-click on the package and choose to Deploy.



- 5. Choose a collection that you would like to push the software to. Typically this is a device collection, a collection of computers.
 - On occasion, you may want deploy a piece of software to a group of users. Please see [this KB article] for more information

Deploy Software Wizard				×
General				
General Content Deployment Settings Scheduling User Experience Alerts Summary Progress Completion	Software: Collection:	I information for this deployment CertAid 2.0 ITDMS AI abution point groups associated to this collection atribute content for dependencies		Browse Browse
	Comments (optional)	:		
		< Previous Next :	Summary	Cancel

A distribution point group should already be assigned.

➡ Deploy Software Wizar	d				×
Content	-				
General Content Deployment Settings Scheduling	Specify the cont		the content has been distribut	ed to:	
User Experience					
Alerts	Name	Туре			
Summary	DP-Group01	Distribution po	int group		
Progress					
Completion					
	Additional distribution associated with collec	points, distribution point gro tions to distribute content to	ups, and the distribution point g p:	groups that are c	urrently
	Filter			2	Add 👻
	Name	Description	Associations		Remove
		There are no items to s	show in this view.	_	nemove
		/ Dr	evious Next >	Summary	Cancel

- 6. Choose whether to make the applications "available" or "required" or "uninstall".
 Available End user can choose whether to install the application or not. The app will appear in the Software Center on the client machine. More information is available on the Software Center page.

Deploy Software Wizard		X
Deployment Sett	ings	
General Content Deployment Settings Scheduling User Experience Alerts Summary Progress Completion	Action: Purpose:	tings to control how this software is deployed
		< Previous Next > Summary Cancel

- Required The application becomes mandatory on the client machine. If the application is uninstalled, it will be reinstalled the next time the client runs a software evaluation.
 Uninstall The application will be "required" and will uninstall.

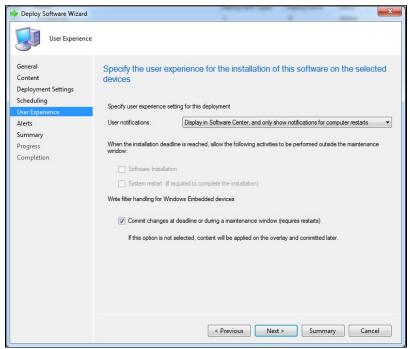
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-		Deploy Software Wizard
Deployment Settin	ngs	
General Content Deployment Settings	Specify setting	gs to control how this software is deployed
Scheduling User Experience	Action:	Uninstal
Alerts	-	
	Purpose:	Required
Summary		
Progress		
Completion	Pre-deploy sof	ftware to the user's primary device
	Send wake-up	on a metered Internet connection to download content after the installation deadline, which might

7. You can choose to make an application available in the future if you'd like. By default the application will be available immediately.

Deploy Software Wizard						×
Scheduling						
General	Specify the schedul	e for this deploy	nent			
Content						
Deployment Settings	This application will be avail	abla ae eoon ae noeeible	by default if this a	polication should b	a mada available a	
Scheduling	different time, change the av	vailability time to the des	red UTC time.	pplication should b	e made available a	L d
User Experience						
Alerts						
Summary Progress	_					
Completion	Time based on:			-		
compication	Schedule the application	n to be available at:				
		< Previ	ous Next	> Sumn	nary Can	cel

8. You can specify the user experience for installation of the software.



9. You can choose to create alerts based on successful or failed deployment thresholds. This may be particularly useful for required deployments. If you're unsure, simply leave the default settings.

Deploy Software Wizard	X
Alerts	
General Content Deployment Settings	Specify Configuration Manager and Operations Manager alert options
Scheduling User Experience	Configuration Manager generates alerts when this application is deployed.
Alerts	Threshold for successful deployment
Summary	Create a deployment alert when the threshold is lower than the following:
Progress	Percent success: 1
Completion	After: 10/23/2014 - 11:35 AM
	Threshold for failed deployment Create a deployment alert when the threshold is higher than the following: Percent failure:
	Enable System Center Operations Manager maintenance mode if you want Operations Manager to generate alerts when this application is deployed.
	Enable System Center Operations Manager maintenance mode
	Generate System Center Operations Manager alert when a software installation fails
	< Previous Next > Summary Cancel

10. At the summary window, click Next, watch the progress, and then click Close.

Create a Package Deployment

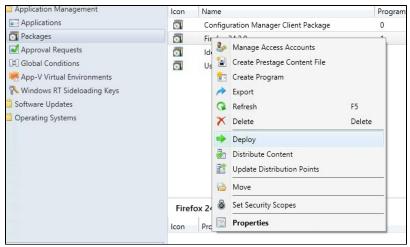
- 1. Right-click on the newly created package and select Properties.
- 2. Click the **Distribution Settings** tab. Then click the radio button next to **Automatically download content when packages are** assigned to distribution points.

General	Data Source	Data Access	Distribution Settings	Reporting	Content Lo	cations	Security
Specify	the distribution	settings for this	package.				
configu	re to have a hig	h priority are se	e order in which packa nt before packages th the order in which they	at have a me	edium priority		
Distrit	bution priority:		Medium				
			this package and it is distribute the content				
)istribute the co	ntent for this pa	ckage to preferred dist	tribution poin	ts		
Presta	aged distribution	n point settings					
Spec	ifv the behavior	that you want t	o occur when a distrib	ution point is	enabled for	prestage	d content.
-			when packages are a	-	istribution po	oints	
00		-	s to the distribution poi				
	lanually copy th	ne content in thi	s package to the distri	bution point			
ON		ployment setting	The second second second second second				
Opera	ating system de	-					
Opera		-	g the WinPE phase of	a run comm	and line task	sequent	ce step.
	These settings	apply only durin	g the WinPE phase of rred via multicast (Win		and line tasł	(sequend	ce step.
	These settings llow this packa	apply only durin	rred via multicast (Win		and line tasł	c sequenc	ce step.
	These settings llow this packa	apply only durin ge to be transfe	med via multicast (Win		and line task	c sequenc	ce step.

3. Right-click the package and choose to **Distribute Content**. Add a preferred distribution point. Click **OK** and then **Next**.

General	Add Distributi	on Points	×
Content D Gummary Progress Completion	Add the existing distribution points to dist checkboxes below. Software Update Packages will not be d Points. Available distribution points:		stribution point groups, and the ctions.
	Filter	۶	
	Name	Туре	Add
	SSCMDEV.MIT.EDU	On premise	sociations Remove
		OK Cancel	

4. Right-click the package and choose to **Deploy**.



5. Choose a collection that you would like to push the software to.

		al information for this deployment	
Content			
eployment Settings Scheduling			
User Experience	Software:	Firefox 24.2.0esr (Firefox 24.2.0esr)	Browse
Distribution Points	Collection:	SSCMDEV-CL1	Browse
Summary	🖂 i bas dafa di dat	de d'ar anti-tamentation d'ar del tamentation	
rogress	Use derault dist	ribution point groups associated to this collection	
Completion	Automatically di	stribute content for dependencies	
	C		
	Comments (optional):	
	Comments (optional):	~
	Comments (optional): 	^
	Comments (optional	k	^
	Comments (optional); 	^
	Comments (optional	k	^
	Comments (optional	; 	٨
	Comments (optional	;	^
	Comments (optional);	^

	Deploy Software Wizard
Content	
General	Specify the content destination
Content Deployment Settings	
Scheduling	Distribution points or distribution point groups that the content has been distributed to:
User Experience	
Distribution Points Summary	Name Type \\SSCMDEV.mit.edu Distribution point
Progress	
Completion	
	Additional distribution points, distribution point groups, and the distribution point groups that are currently associated with collections to distribute content to:
	Filter D Add
	Name Description Associations Remove
	There are no items to show in this view.
	Previous Next > Summary Cance
chedule when th	ne program will be available and when the program will be ass
chedule when th	ne program will be available and when the program will be ass
chedule when the Access	
•	
Scheduling General	
Scheduling	Deploy Software Wizard
General Content Deployment Settings Scheduling	Deploy Software Wizard Specify the schedule for this deployment
Scheduling General Content Deployment Settings	Deploy Software Wizard
Scheduling General Content Deployment Settings Scheduling User Experience Distribution Points Summary	Control Deploy Software Wizard Deploy Software Wizard Specify the schedule for this deployment This program will be available as soon as it has been distributed to the content servers unless it is scheduled for a later time below. For required applications, specify the assignment schedule. Schedule when this deployment will become available:
Scheduling General Content Deployment Settings Scheduling User Experience Distribution Points Summary Progress	Control Deploy Software Wizard Deploy Software Wizard Specify the schedule for this deployment This program will be available as soon as it has been distributed to the content servers unless it is scheduled for a later time below. For required applications, specify the assignment schedule. Schedule when this deployment will become available: 1/28/2014 11.06 AM UTC
Scheduling General Content Deployment Settings Scheduling User Experience Distribution Points Summary	Control Deploy Software Wizard Deploy Software Wizard Specify the schedule for this deployment This program will be available as soon as it has been distributed to the content servers unless it is scheduled for a later time below. For required applications, specify the assignment schedule. Schedule when this deployment will become available: 1/28/2014 11.06 AM C C C C C C C C C C C C C C C C C C
Scheduling General Content Deployment Settings Scheduling User Experience Distribution Points Summary Progress	Control Deploy Software Wizard Deploy Software Wizard Specify the schedule for this deployment This program will be available as soon as it has been distributed to the content servers unless it is scheduled for a later time below. For required applications, specify the assignment schedule. Schedule when this deployment will become available: 1/28/2014 11.06 AM 120 UTC 1/28/2014 11.06 AM 100 UTC
Scheduling General Content Deployment Settings Scheduling User Experience Distribution Points Summary Progress	Control Deploy Software Wizard Deploy Software Wizard Specify the schedule for this deployment This program will be available as soon as it has been distributed to the content servers unless it is scheduled for a later time below. For required applications, specify the assignment schedule. Schedule when this deployment will become available: 1/28/2014 11.06 AM C C C C C C C C C C C C C C C C C C
Scheduling General Content Deployment Settings Scheduling User Experience Distribution Points Summary Progress	
Scheduling General Content Deployment Settings Scheduling User Experience Distribution Points Summary Progress	Deploy Software Wizard Specify the schedule for this deployment This program will be available as soon as it has been distributed to the content servers unless it is scheduled for a later time below. For required applications, specify the assignment schedule. Schedule when this deployment will become available: 1/28/2014 11:06 AM II:06 AM VIC Assignment schedule: New Edt Delete Assignment schedule:
Scheduling General Content Deployment Settings Scheduling User Experience Distribution Points Summary Progress	
Scheduling General Content Deployment Settings Scheduling User Experience Distribution Points Summary Progress	Deploy Software Wizard Specify the schedule for this deployment This program will be available as soon as it has been distributed to the content servers unless it is scheduled for a later time below. For required applications, specify the assignment schedule. Schedule when this deployment will become available: 1/28/2014 11:06 AM 11:06 AM 11:06 AM CUTC Assignment schedule: New Edt Delete Assignment schedule:

7. Click Next through the wizard until you finish. The program will install the package at the time you've designated.

3	Dist	ribute Content Wiza	rd		
General					
General Content Destination	Review selected	content			
Summary Progress	You have selected the f	allowing contact for did	the tion		
Completion					
		24.2.0esr			
	Some content might hav installed.				vontent can be
	0	< Previous	Next >	Summary	Cancel

See Also

• Microsoft Endpoint Configuration Manager (MECM) Landing Page