



UPGRADING YOUR 2012 SCCM

Prepared By DIS APSCN/LAN Support

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Please read the "Things to Note" Portion at the end of this document before Installing and or upgrading.

- 01. Navigate to Administration / Site Configuration / Sites / you will see your site server in the middle of the screen.
- 02. Right-Click the Site and go to properties
- 03. Your Site Build and Version information will be displayed.

🛧 Upgrade_	X Delete C	onfigure Site Client omponents z Installation Settings z 🕀 Status Filter Rules	Set Security
Site	Public Public	c School District Properties	× ssify
Server Na SCCM.sc	Signing and Encryption General Wake On LAN Ports Sender PSD - Public School District Comment:	Publishing Client Computer Communication Alerts Security	
	Type: Parent site: Version: Build number: Site server: Installation directory: SQL Server computer: SMS Provider location:	Primary site None 5.00.7958.1000 7958 SCCM.school.local D:\Microsoft Configuration Manager SCCM.school.local SCCM.SCHOOL.LOCAL	
		OK Cancel Apply	

Page 01

Setup Site Backup

01. Navigate to Administration / Sites / Right Click your site 02. Navigate to Site Maintenance



03. Navigate to Site Mainenance



04. Click on Edit and change the value "Backup Site Server" From NO to "ENABLE THIS TASK"

Page 03

Setup Site Backup

- 05. Set the FQDN to an area on the SCCM server itself or in a custom backup location
- 06. Set the Days that you want to back up your site.
- 07. Initially set the start time for 5 minutes after you have configured the times set for the back up to start.
- 08. Click Apply and Ok wait 5 minutes and check your backup location to make sure you have a good backup.
- 09. The Start Time and End Times must have atleast an hour between them.

	🗡 Delete	Components 🔹 Installation Settings 👻 🖓 Status Filter Rules
_) [Backup Site Server Properties
- [General	
	This task backs up	o the site database and important site server information.
hoc	Enable this task	Set Paths
	Backup destination:	D:\Site Backup
	Schedule Start after: [12:50 PM Latest start time: [1:50 PM	Monday Tuesday Wednesday Thursday Friday Saturday Sunday
	 Enable alerts for backup tasi For additional information recovery process, see the 	k failures about data not included in the Configuration Manager backup and product documentation online.
_		OK Cancel Apply

10. After the backup is complete you should see a folder similar to the below illustration.

鷆 🕨 TI	his PC → SCCM (D:) → Site Backup → PS	SDBackup 🕨 SiteDBServer		
	Name	Date modified	Туре	Size
	📴 CM_PSD.mdf	5/26/2016 12:48 PM	SQL Server Databa	5,242,880 KB

The backup will create the following folders and file on the server or share you chose for the backup(PSDBackup, SiteDRServer, CM_PSD.mdf)

Page 04

Match Your Build Number to Illustration on page 04 and 05

Release	Version	Build	Download Link	Our Guides
SCCM 2012 RTM	5.00.7711.0000	7711	N/A	N/A

Release	Version	Build	Download Link	Our Guides
SCCM 2012 RTM – CU1	5.00.7711.0200	7711	KB2717295	N/A
SCCM 2012 RTM – CU2	5.00.7711.0301	7711	KB2780664	N/A
SCCM 2012 SP1	5.00.7804.1000	7804	N/A	N/A
SCCM 2012 SP1 – CU1	5.00.7804.1202	7804	KB2817245	N/A
SCCM 2012 SP1 – CU2	5.00.7804.1300	7804	KB2854009	N/A
SCCM 2012 SP1 – CU3	5.00.7804.1400	7804	KB2882125	N/A
SCCM 2012 SP1 – CU4	5.00.7804.1500	7804	KB2922875	N/A
SCCM 2012 SP1 – CU5	5.00.7804.1600	7804	KB2978017	N/A
SCCM 2012 R2	5.00.7958.1000	7958	N/A	Installation guide
SCCM 2012 R2 – CU1	5.00.7958.1203	7958	KB2938441	N/A
SCCM 2012 R2 – CU2	5.00.7958.1303	7958	KB2970177	Upgrade guide
SCCM 2012 R2 – CU3	5.00.7958.1401	7958	KB2994331	Upgrade guide
SCCM 2012 R2 – CU4	5.00.7958.1501	7958	KB3026739	Upgrade guide
SCCM 2012 R2 – CU5	5.00.7958.1604	7958	KB3054451	Upgrade guide
SCCM 2012 R2 SP1	5.00.8239.1000	8239	N/A	Upgrade guide
SCCM 2012 R2 SP1 – CU1	5.00.8239.1203	8239	KB3074857	Upgrade guide
SCCM 2012 R2 SP1 – CU2	5.00.8239.1301	8239	KB3100144	Upgrade guide
SCCM 2012 R2 SP1 – CU3	5.00.8239.1403	8239	KB3135680	Upgrade guide
SCCM 1511	5.00.8325.1000	8325	N/A	Installation guide / Upgra
SCCM 1602	5.00.8355.1000	8355	N/A	Upgrade guide

NOTES: ADK needs to match your version of SCCM. Sccm 2012 is initially installed with Windows Assessment and Deployment kit 8.0 As seen in the build numbers listed above the server being upgraded is running SCCM 2012 R2. SCCM 2012 and SCCM 2012 R2 can and

have been running ADK 8.0 or 8.1. ADK 10 is needed for the Management of Windows 10 Machines.

The Update Process is as follows:

Uninstall ADK 8 with config manager closed Install ADK 8.1 2012 and 2012R2 – initial upgrade to 2012SP1 and 2012r2Sp1

2012sp1 and 2012R2SP1 with ADK 8.1 Uninstall ADK 8.1 Install ADK 10

2012r2SP2 2012sp2 With ADK 10 SCCM 1511 With ADK 10 SCCM 1602 With ADK 10

ISO Name for upgrading to sp1 – ADK 8.1

SW_DVD5_Sys_Ctr_2012w_SP1_Config_Mgr_EndPt_Protection_MultiLang_-2_X18-84756.iso

ISO Name for upgrading to sp2 – ADK 10

SW_DVD5_Sys_Ctr_ConfigMgr_and_Endpnt_Prtctn_2012w_SP2_MultiLang_MLF_X20-21849.ISO

ISO Name for uppgrading to SCCM 1511 – ADK 10

SW_DVD5_Sys_Ctr_ConfigMgrClt_ML_1511_MultiLang_ConfMgr_MLF_X20-81134.ISO

NO Iso needed to upgrade to SCCM 1602 - ADK 10 Sccm 1602 is updated via the web

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Uninstall ADK

 To uninstall Adk navigate on the sccm server with configuration manager CLOSED to Control Panel / Programs and features/. Windows Acessment and Development kits are listed in the istalled programs.
 We see that on this server ADK 8.1 is installed

Organize 🔻 Uninstall Change				
Name A	Publisher	Installed On	Size	Version
🔀 Microsoft Help Viewer 1.1	Microsoft Corporation	2/25/2016	3.97 MB	1.1.40219
Microsoft Report Viewer 2012 Runtime	Microsoft Corporation	2/25/2016	26.2 MB	11.0.2100.60
Microsoft ReportViewer 2010 SP1 Redistributable (KB2	Microsoft Corporation	2/25/2016	12.4 MB	10.0.40220
🖥 Microsoft SQL Server 2008 R2 Management Objects	Microsoft Corporation	2/25/2016	15.3 MB	10.51.2500.0
Microsoft SQL Server 2008 Setup Support Files	Microsoft Corporation	2/25/2016	38.9 MB	10.1.2731.0
Microsoft SQL Server 2012 (64-bit)	Microsoft Corporation	2/25/2016		
Microsoft SQL Server 2012 Management Objects (x64)	Microsoft Corporation	2/25/2016	16.3 MB	11.0.2100.60
Microsoft SQL Server 2012 Native Client	Microsoft Corporation	2/25/2016	7.22 MB	11.1.3000.0
Microsoft SQL Server 2012 Policies	Microsoft Corporation	2/25/2016	996 KB	11.0.2100.60
Microsoft SQL Server 2012 Setup (English)	Microsoft Corporation	2/25/2016	174 MB	11.1.3128.0
Microsoft SQL Server 2012 Transact-SQL Compiler Ser	Microsoft Corporation	2/25/2016	85.5 MB	11.1.3128.0
📒 Microsoft SQL Server 2012 Transact-SQL ScriptDom	Microsoft Corporation	2/25/2016	4.54 MB	11.1.3000.0
Microsoft SQL Server System CLR Types	Microsoft Corporation	2/25/2016	2.53 MB	10.51.2500.0
Microsoft System CLR Types for SQL Server 2012 (x64)	Microsoft Corporation	2/25/2016	1.77 MB	11.1.3000.0
Microsoft Visual C++ 2008 Redistributable - x64 9.0.30	Microsoft Corporation	2/24/2016	13.2 MB	9.0.30729.6161
Microsoft Visual C++ 2008 Redistributable - x86 9.0.30	Microsoft Corporation	2/24/2016	10.1 MB	9.0.30729.4148
Microsoft Visual C++ 2008 Redistributable - x86 9.0.30	Microsoft Corporation	2/25/2016	10.1 MB	9.0.30729.4974
Microsoft Visual C++ 2010 x64 Redistributable - 10.0	Microsoft Corporation	2/25/2016	13.8 MB	10.0.40219
Microsoft Visual C++ 2010 x86 Redistributable - 10.0	Microsoft Corporation	2/25/2016	11.1 MB	10.0.40219
Microsoft Visual C++ 2010 x86 Runtime - 10.0.40219	Microsoft Corporation	2/25/2016	15.9 MB	10.0.40219
體Microsoft Visual Studio 2010 Shell (Isolated) - ENU	Microsoft Corporation	2/25/2016	579 MB	10.0.40219
Microsoft VSS Writer for SQL Server 2012	Microsoft Corporation	2/25/2016	2.92 MB	11.1.3000.0
SQL Server Browser for SQL Server 2012	Microsoft Corporation	2/25/2016	9.86 MB	11.1.3000.0
E System Center 2012 R2 Configuration Manager Cons	Microsoft Corporation	2/25/2016	141 MB	5.00.7958.1000
System Center 2012 R2 Configuration Manager Prima	Microsoft Corporation	2/25/2016		5.00.7958.1000
🔛 System Center Endpoint Protection	Microsoft Corporation	3/1/2016		4.3.220.0
Visual Studio 2010 Prerequisites - English	Microsoft Corporation	2/25/2016	23.5 MB	10.0.40219
VMware Tools	VMware, Inc.	2/24/2016	64.1 MB	9.9.0.2304977
🕼 Windows Assessment and Deployment Kit for Windo	Microsoft Corporation	2/25/2016	3.15 GB	8.100.26866

You will be prompted if your sure that you want to uninstall Choose "Yes"

Install the ADK needed for SP1 - 8.1 or 10. Windows Assessment and Devlopment toolkit must be installed before installing the next SCCM update as seen below.

Page 7

Install ADK 10 Version 10.0.26624.0

ISO Name for upgrading to sp2

2012r2sp1_2012_sp2\SW_DVD5_Sys_Ctr_ConfigMgr_and_Endpnt_Prtctn_2012w_SP2_Multi Lang_MLF_X20-21849.ISO ADK 10 has 2 versions available on the net. ADK 10 1511 is known to have bugs. The Version of ADK 10 to use for upgrades is: ADK 10 Version 10.0.26624.0

	Windows Assessment a	and Deployment Kit - Windows 10	– – X
Specify	Location		
 Install the 	e Windows Assessment and Deployme	ent Kit - Windows 10 to this computer	
Install P	Path:		
C:\Prog	gram Files (x86)\Windows Kits\10\		Browse
Downlo	ad Path:		
C:\Use	rs\administrator.SCHOOL\Downloads\Wii	ndows Kits\10\ADK	Browse
Ectimo	ted disk space required:	6.7 GB	
Estima	and a second and a loss	42.2 CP	
Disk sp	bace available:	42.5 GB	
Disk sp	Jace avanable:	42.3 00	
Disk sp	Jace avanable:	42.3 00	
Disk sp	Jace avaliable:	42.3 GD	xt Cancel

Next....

-11

₿	Windows Assessment and Deployment Kit - Windows 10
	Windows Kits Privacy
	Windows 10 Kits collect and send anonymous usage data to Microsoft about how our customers use Microsoft programs and about some of the problems they encounter. Microsoft uses this information to improve the products and features. Participation in the program is voluntary, and the end results are software improvements to better meet the needs of our customers. No code or software produced by you will be collected.
	Tell me more about the Windows 10 program.
	Tell me more about the Customer Experience Improvement Program (CEIP).
	* Participation applies to all Windows kits installed on this computer.
	○ Yes
	• No
	Privacy Statement
	Back Next Cancel

No / Next

Page 8

License	Agreement	
You must ac Terms, click	cept the terms of this agreement to continue. If you do not accept the Microsoft Software License Decline.	
MICROSO	FT SOFTWARE LICENSE TERMS	^
Microsoft Microsoft Microsoft	Windows Assessment and Deployment Kit (ADK) for Windows 10 Windows Hardware Lab Kit (HLK) for Windows 10 Windows Driver Kit (WDK) for Windows 10	=
These licen of its affilia media on v • update • supple • Interne • suppor	se terms are an agreement between Microsoft Corporation (or based on where you live, one tes) and you. Please read them. They apply to the software named above, which includes the hich you received it, if any. The terms also apply to any Microsoft 5, nents, t-based services, and t services.	
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By using t software.	he software, you accept these terms. If you do not accept them, do not use the	
If you cor	ply with these license terms, you have the perpetual rights below.	
1. IN	STALLATION AND USE RIGHTS.	-

Accept Licence Agreement

提	Windows Assessment and E	Deployment Kit - Windows 10		
	Select the features you want to ins	stall		
	Application Compatibility Toolkit (ACT) Deployment Tools	Volume Activation Management Tool (VAMT)		
	Windows Preinstallation Environment (Windows PE) Size: 9.9 MB Imaging And Configuration Designer (ICD) Tools to automate and manage activation of Windows, Windows Server, and Office. User State Migration Tool (USMT) To use VAMT cmdlets, <u>PowerShell 3.0</u> must also be installed. Windows Performance Toolkit VAMT province provide to the SOL Comparison 2000 provide to the SOL Compariso			
	Windows Assessment Services Microsoft SQL Server 2012 Express	VAMT requires a connection to SQL Server, version 2008 or later (including Express edition).		
		Estimated disk space required: 4.1 GB Disk space available: 42.3 GB Back Install Cancel		

UNCHECK – the first and last two check boxes and click install



Click close

Install the next build number in the sequence given on page 04

In this instance we are grading to Sccm 2012 SP2 2012R2



Click "install" Click "next"



Make sure 'Upgrade this Confugation Manager Site) is checked and click "next"

Enter Licence Key here

 Install the evaluati When you install the enter the product be edition. 	on edition of this product le evaluation edition of this p ley from the Site Maintenanc	product, it is fully fi te option in Setup	unctional for 180 days. to upgrade the evaluat	After installation, you c ion edition to the licens	an sed
O Install the licensed	edition of this product				

Accept the Licence Agreement and click Next

MI	CROSOFT EVALUATION SOFTWARE LICENSE TERMS	^
міс	ROSOFT SYSTEM CENTER 2012 CONFIGURATION MANAGER SP2	=
Thes one abov Micro	e license terms are an agreement between Microsoft Corporation (or based on where you live, of its affiliates) and you. Please read them. They apply to the evaluation software named e, which includes the media on which you received it, if any. The terms also apply to any psoft	
	updates,	
	supplements,	
	Internet-based services, and	
	support services	
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AS	DESCRIBED BELOW, USING SOME INTERNET-BASED SERVICES FEATURES ALSO	~
	Print License Terms	

Accept the 3 License And Term agreements and click next



Create a folder on your SCCM drive called downlaoads to enter here

Setup requi use files tha	res prerequisite files. Setup can automatically download the files to a location that you specify, or you can t have been downloaded previously.
Downloa	ad required files
	Example: \\ServerName\ShareName or C:\Downloads
Path:	D:\Downloads Browse
⊖ Use prev	viously downloaded files
	Example: \\ServerName\ShareName or C:\Downloads
Path:	Browse

Click Next

	System Center Configuration Manager Setup Wizard	
Prerequisite D	ownloads	
Setup requi use files tha	res prerequisite files. Setup can automatically download the files to a location that you specify, o It have been downloaded previously.	r you can
Dowr	Configuration Manager Setup Downloader	
Path: O Use p	Downloading ConfigMgr.Manifest.cab	wse
Path:	Cancel	wse
	< Previous Next >	Cancel

Sccm will begin to download files for installation

This can take some time depending on your server and internet speed.

Select	the server languages that Configuration Man	ager displays in the Configur	ation Manager console an	d reports
Config	guration Manager installs support for the lang	uages that you select and us	es the display language of	the
server Config	that runs the Configuration Manager console guration Manager does not support the displa	e or reports. English is the def ny language.	ault language and it is use	ed when
You c	an modify the server languages if you run Setu	up again and select the Site N	faintenance option.	
		-		
Curre	ently Supported Languages:			
	Name	Availability	State	^
	Name Chinese (Simplified)	Availability Downloaded	State Not Installed	^
	Name Chinese (Simplified) Chinese (Traditional, Hong Kong SAR)	Availability Downloaded Downloaded	State Not Installed Not Installed	=
	Name Chinese (Simplified) Chinese (Traditional, Hong Kong SAR) Chinese (Traditional, Taiwan)	Availability Downloaded Downloaded Downloaded	State Not Installed Not Installed Not Installed	=
	Name Chinese (Simplified) Chinese (Traditional, Hong Kong SAR) Chinese (Traditional, Taiwan) Czech	Availability Downloaded Downloaded Downloaded Downloaded	State Not Installed Not Installed Not Installed Not Installed	=
	Name Chinese (Simplified) Chinese (Traditional, Hong Kong SAR) Chinese (Traditional, Taiwan) Czech Dutch	Availability Downloaded Downloaded Downloaded Downloaded Downloaded	State Not Installed Not Installed Not Installed Not Installed Not Installed	=
	Name Chinese (Simplified) Chinese (Traditional, Hong Kong SAR) Chinese (Traditional, Taiwan) Czech Dutch English	Availability Downloaded Downloaded Downloaded Downloaded Downloaded Not Downloaded	State Not Installed Not Installed Not Installed Not Installed Installed	=
	Name Chinese (Simplified) Chinese (Traditional, Hong Kong SAR) Chinese (Traditional, Taiwan) Czech Dutch English French	Availability Downloaded Downloaded Downloaded Downloaded Downloaded Not Downloaded Downloaded	State Not Installed Not Installed Not Installed Not Installed Installed Not Installed	
	Name Chinese (Simplified) Chinese (Traditional, Hong Kong SAR) Chinese (Traditional, Taiwan) Czech Dutch English French German	Availability Downloaded Downloaded Downloaded Downloaded Downloaded Not Downloaded Downloaded Downloaded	State Not Installed Not Installed Not Installed Not Installed Not Installed Installed Installed Not Installed Not Installed Not Installed	

Make sure English is checked and click on "next" then English and "next" again

		System Center Configuration M	anager Setup	Wizard			
Settings	s Summary						
	1 1 1						
	Setup will install Cor	figuration Manager with the following set	ings.				
	Settings:						
		Setup Component	Co	mponent Det	ails		
	Setup Type		Upgrade				
	To change these set Next.	tings, click Previous. To apply the settings a	ind start the inst	allation prerec	quisite check,	click	
			< Previo	ous	Vext >	Cance	el

Make sure "Setup Type" is "upgrade" then click "Next"

		2	
System Center Configur	ation Manager	Setup Wizard	
erequisite Check			
Setup is checking for potential installation problems. If pr resolve them.	roblems are found,	Setup will display details about	t how to
Details:			
Prerequisite	Status	System	
SQL Server process memory allocation	Warning	SCCM.school.local	
Prerequisite checking has completed.			
Configuration Manager requires SQL Server to reserve a administration site and primary site and a minimum of 4 reserved by using the Minimum server memory setting u SQL Server Management Studio. For more information a	minimum of 8 gig: gigabytes (GB) for inder Server Memo hout how to set a	abytes (GB) of memory for the or the secondary site. This memo pry Options and is configured b fived amount of memory, see b	ry is y using Run Check
		< Previous Begin Install	Cancel

The system will run a Prerequiste Check – The warning above is the most common. As long as you do not have errors or more than one or two warnings click "Begin Install"

Core setup has completed				
			Elapsed ti	me: 00:26:53
🥑 Upgrading site contr	ol information			^
🥑 Monitoring replicatio	n initialization			
😋 Monitoring compone	nts installation			
😋 Monitoring server ro	es installation			=
😋 Installing services				_
😋 Installing Componen	t Monitor			
😋 Installing SMS Execu	ive			
📢 Installing Database N	otification Monitor			~
You can close the wiza <u>Tasks</u> in the Configura	rd now. For a list of tasks to I ion Manager Documentatior	help you configure your site, n Library.	see <u>Post-Setup Configu</u>	ration

You will get a "Core Setup Completed" and "View Log" as well as "Close". Click "View Log"

Make Sure =====Completed Configuration Manager 2012 Server Setup Upgrade====== Click Close and open Configuration manager

Use the directions listed in Page 01 to check the new Build Number

X Delete	Components + Installation Settings + @ Status Filter Rules
Publi	c School District Properties
Deployment Verification Security Signing General Wake On LAN Ports Sende PSD - Public School District	g and Encryption Publishing Client Computer Communication Alerts
Comment:	· · ·
Туре:	Primary site
Parent site:	None
Version:	5.00.8239.1000
Build number:	8239
Site server:	SCCM.school.local
Installation directory:	D:\Microsoft Configuration Manager
SQL Server computer:	SCCM.school.local
SMS Provider location:	SCCM.SCHOOL.LOCAL
	OK Cancel Apply

Match The Build number up with the information on pages four and five. In this example we are at build 2012R2sp2 Check that your new boot.wim files are green and distributed. If not Re-distribute the Boot.wim. They should display that days date and time.

Search						
lcon	Name	Version	Comment	Image ID	OS Version	
-	Boot image (x64)	10.0.10240.16384		PSD00005	10.0.10240.16384	
ā.	Boot image (x86)	10.0.10240,16384		PSD0004	10.0.10240.16384	
Boot	image (x64)					
Sumn	nary				Content Status	
Cor Arc Ver Lan	mment: hitecture: sion: iguage:	X64 10.0.10240.16384 Invariant Language (Invariant Coun	try)			
						I largeted (Last Update: 5/2//2016 11:21 AM)

Check in Configuration Manager under "Monitoring" / "System Status" / "Component status" Make sure you have all Green Check Boxes.

onitoring	<	Compo	nent Status	63 items				
Overview		Search						
Alerts		lcon	Status	Component	Site System	Туре	Site Code	Availability
👂 Queries		0	OK	SMS_PORTALWEB_CONTROL_MANAGER	SCCM.SCHOOL.LO	Monitored Thread Co	PSD	Online
Reporting		0	OK	SMS_POLICY_PROVIDER	SCCM.SCHOOL.LO	Monitored Thread Co	PSD	Online
Site Hierarchy		0	OK	SMS_PACKAGE_TRANSFER_MANAGER	SCCM.SCHOOL.LO	Monitored Thread Co	PSD	Online
System Status		0	OK	SMS_PROVIDERS	SCCM.SCHOOL.LO	Unknown	PSD	Unknown
Site Status		0	OK	SMS_RULE_ENGINE	SCCM.SCHOOL.LO	Monitored Thread Co	PSD	Online
The Common of	Charles	0	OK	SMS_REPLICATION_MANAGER	SCCM.SCHOOL.LO	Monitored Thread Co	PSD	Online
Component	Status	0	OK	SMS_REPLICATION_CONFIGURATION_MONITOR	SCCM.SCHOOL.LO	Monitored Thread Co	PSD	Online
Conflicting I	(ecords	I	OK	SMS_OUTBOX_MONITOR	SCCM.SCHOOL.LO	Monitored Thread Co	PSD	Online
🐚 Status Mess	age Queries		OK	SMS_NOTIFICATION_SERVER	SCCM.SCHOOL.LO	Monitored Thread Co	PSD	Online
Peployments		0	OK	SMS_NOTIFICATION_MANAGER	SCCM.SCHOOL.LO	Monitored Thread Co	PSD	Online
🔁 Client Operati	ons	0	OK	SMS_NETWORK_DISCOVERY	SCCM.SCHOOL.LO	Unmonitored Thread	PSD	Offline
🕨 🚞 Client Status		0	OK	SMS_OBJECT_REPLICATION_MANAGER	SCCM.SCHOOL.LO	Monitored Thread Co	PSD	Online
🔓 Database Rep	ication	0	OK	SMS_OFFLINE_SERVICING_MANAGER	SCCM.SCHOOL.LO	Unmonitored Thread	PSD	Offline
Distribution S	atus	0	OK	SMS_OFFER_STATUS_SUMMARIZER	SCCM.SCHOOL.LO	Monitored Thread Co	PSD	Online
\overline Software Upd	ate Point Synchronization Status	0	OK	SMS_OFFER_MANAGER	SCCM.SCHOOL.LO	Monitored Thread Co	PSD	Online
E Endpoint Prot	ection Status	0	OK	SMS_SCHEDULER	SCCM.SCHOOL.LO	Monitored Thread Co	PSD	Online
		0	OK	SMS_STATUS_MANAGER	SCCM.SCHOOL.LO	Monitored Thread Co	PSD	Online
			OK	SMS_STATE_SYSTEM	SCCM.SCHOOL.LO	Monitored Thread Co	PSD	Online
Assets and Com	pliance	0	OK	SMS_SRS_REPORTING_POINT	SCCM.SCHOOL.LO	Monitored Thread Co	PSD	Online
🗐 Software Librar	/	0	OK	SMS_WINNT_SERVER_DISCOVERY_AGENT	SCCM.SCHOOL.LO	Unmonitored Thread	PSD	Offline
2µ.		0	OK	WINDOWS_INTUNE_SERVICE	SCCM.SCHOOL.LO	Component Not Instal	PSD	Online
Monitoring		0	OK	SMS_WSUS_SYNC_MANAGER	SCCM.SCHOOL.LO	Monitored Thread Co	PSD	Online
Administration			OK	SMS_WSUS_CONFIGURATION_MANAGER	SCCM.SCHOOL.LO	Monitored Thread Co	PSD	Online
		0	OK	SMS_SOFTWARE_METERING_PROCESSOR	SCCM.SCHOOL.LO	Monitored Thread Co	PSD	Online
	•	0	OK	SMS_SITE_CONTROL_MANAGER	SCCM.SCHOOL.LO	Monitored Thread Co	PSD	Online
adv								

Move Forward with the Upgrade Process.

Close Configuration Manager and load the .iso for SCCM_1511



Click "Install"



Click "Next"

Make sure that "Upgrade this Confguration Manager Site" is checked

System Center Configuration M	lanager Setup Wizard
etting Started	
Available Setup Options	
Setup has detected an existing primary site on this computer and	has enabled the following options.
 Install a Configuration Manager primary site 	
Use typical installation options for a stand-alone primary sit	e
- Install a Configuration Manager primary site	
- Use default installation path	
- Enable a local management point for Configuration Management point for Configuration Management	er
- Enable a local distribution point for Configuration Manager	T.
Install a Configuration Manager central administration site	
Upgrade this Configuration Manager site	
O Recover a site	
O Perform site maintenance or reset this site	
 Uninstall this Configuration Manager site 	
	< Previous Next > Cancel

Click "Next"

lder
System Center Configuration Manager Setup Wizard
Product Key
 Install the evaluation edition of this product
When you install the evaluation edition of this product, it is fully functional for 180 days. After installation, you can enter the product key from the Site Maintenance option in Setup to upgrade the evaluation edition to the licensed edition.
O Install the licensed edition of this product
< Previous Next > Cancel

Enter the Product Key and click "Next"

lder					
	System Center Configuration Manager Setup Wizard				
Micr	osoft Software License Terms				
	MICROSOFT EVALUATION SOFTWARE LICENSE TERMS	<u>^</u>			
	MICROSOFT SYSTEM CENTER CONFIGURATION MANAGER	=			
	These license terms are an agreement between Microsoft Corporation (or based on where you live one of its affiliates) and you. Please read them. They apply to the evaluation software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft				
	updates,				
	• supplements,				
	Internet-based services, and				
	support services				
	for this software, unless other terms accompany those items. If so, those terms apply.				
	By using the software, you accept these terms. If you do not accept them, do not use the software.				
	As described below, using some internet-based services features also operates as your	~			
	Print License Terms				
	< Previous Next >	Cancel			

a Setup, Configuration Manager will download and store the following software on the site server and then atically install the software on the site systems or client computers as required. See the <u>juration Manager Privacy Statement</u> for more information. soft SQL Server Express w the Microsoft SQL Server Express License Terms I accept these License Terms soft SQL Server Native Client w the Microsoft SQL Server Native Client License Terms I accept these License Terms
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w the Microsoft Silverlight 5 Privacy Statement online
w security and privacy information online for Silverlight 5 and elevated trust mode
I accept these License Terms and automatic updates of Silverlight
C Drawingur Newt N Concel

Create and Provide a Download Path for the Installation files. Click "Next" – The downloader will begin to download files.

: fo	der	
f		System Center Configuration Manager Setup Wizard
f f	Prerequisite D	ownloads
f f f	Setup requi use files tha	ires prerequisite files. Setup can automatically download the files to a location that you specify, or you can at have been downloaded previously.
ef G	• Dowr	
G	Path: O Use p	Downloading Server_CHT.cab 2 of 47 files
G G S	Path:	Wse Cancel
G	L	
		< Previous Next > Cancel

Sccm will begin to download files for installation

This can take some time depending on your server and internet speed.

Selec	t the server languages that Configuration Man	ager displays in the Configur	ation Manager console an	nd reports.
Confi serve	guration Manager installs support for the lang r that runs the Configuration Manager console guration Manager doer not support the direla	uages that you select and us or reports. English is the def	es the display language of fault language and it is use	f the ed when
You c	an modify the server languages if you run Setu	up again and select the Site N	Maintenance option.	
	,,,,	., .,		
Curr	ently Supported Languages:			
	Name	Availability	State	^
	Chinese (Simplified)	Downloaded	Not Installed	
	Chinese (Traditional, Hong Kong SAR)	Downloaded	Not Installed	=
		Downloaded		
	Chinese (Traditional, Taiwan)	Downloaded	Not Installed	
	Chinese (Traditional, Taiwan) Czech	Downloaded	Not Installed	
	Chinese (Traditional, Taiwan) Czech Dutch	Downloaded Downloaded Downloaded	Not Installed Not Installed Not Installed	
	Chinese (Traditional, Taiwan) Czech Dutch English	Downloaded Downloaded Not Downloaded	Not Installed Not Installed Not Installed Installed	
	Chinese (Traditional, Taiwan) Czech Dutch English French	Downloaded Downloaded Not Downloaded Downloaded	Not Installed Not Installed Not Installed Installed Not Installed	
	Chinese (Traditional, Taiwan) Czech Dutch English French German	Downloaded Downloaded Not Downloaded Downloaded Downloaded	Not Installed Not Installed Not Installed Installed Not Installed Not Installed	

Click "Next" – Making Sure only English is Checked

Selec Wher Mana does	t the client languages for Configuration Mana 1 you select a client language and it matches 1 ger client displays that language. English is th pot supnot the display language	ger to support. ihe display language of a clier le default language and it is u	nt computer, the Configura ised when Configuration M	tion lanager
You o	an modify the client languages if you run Set	up again and select the Site N	laintenance option.	
	, , , , , , , , , , , , , , , , , , , ,			
Curr	ently Supported Languages:			
	Name	Availability	State	^
	Chinese (Simplified)	Downloaded	Not Installed	=
	Chinese (Traditional, Hong Kong SAR)	Downloaded	Not Installed	
	Chinese (Traditional, Taiwan)	Downloaded	Not Installed	
	Czech	Downloaded	Not Installed	
	Danish	Downloaded	Not Installed	
	Dutch	Downloaded	Not Installed	
	English	Not Downloaded	Installed	
				v

Click "Next" – Making Sure only English is Checked Click "Next" – Cleck Next Until You Get to the Screen Below

Keep Configuration Manager up-to-date by connecting to the Configure service enables your deployment to download updates and new feature	uration Manager cloud service. Connecting to the ires.				
Vac lat's get connected (recommanded)					
(econinended)					
Select a server to use as the service connection point (require inter	rnet access):				
SCCM.school.local					
Use a proxy server when synchronizing information from the In	nternet				
Address: P	Port:				
○ Skip this for now					
To connect to the service after setup completes, install a service co	onnection point site system role.				
	ss or on-premises mobile device management				

Make Sure Your Server Is Listed and "Yes" is Checked, Click "Next"

fo	lder					
÷f			System Center Configuration N	lanager Setup Wizard		
ef ef	Settings	Summary				
: f						
:f						
ef s f		Setup will install Config	guration Manager with the following set	tings.		
: f		Settings:				
:f			Setun Component	Component Details		
e f		Setup Type	component	Upgrade		
G						
G						
G						
G						
G						
S						
G						
		To change these settin Next.	gs, click Previous. To apply the settings	and start the installation prerequis	ite check, click	
				< Previous Nex	t > Cance	

Make sure "Setup Type" is "upgrade" then click "Next"

System Center Configuration Manager Setup Wizard							
Prerequisite Check							
Setup is checking for potential installation problems. If pr resolve them.	oblems are found,	Setup will display details about h	ow to				
Details:							
Prerequisite	Status	System					
SQL Server process memory allocation	Warning	SCCM.school.local					
Prerequisite checking has completed.							
Select an item to display details and information about h check results, see ConfigMgrPrereq.log.	ow to resolve the p	problem. For a listing of all prereq	uisite 🔨				
		R	un Check				
		< Previous Begin Install	Cancel				

The system will run a Prerequiste Check – The warning above is the most common. As long as you do not have errors or more than one or two warnings click "Begin Install"

Page 24

X Delete	Configure Site Client Settings + (P Status Filter Rules Filter Rules Status Filter Rules Filter Rules Status Filter Rules Status Filter Rules Filter Filter Rules Filter Filter Filter Filter Filter Filter Filter F
	Public School District Properties
Deployment Verification Security General Wake On LAN Ports	Signing and Encryption Maintenance Windows Sender Publishing Client Computer Computing States
PSD - Public School Distri	ict
Comment:	
Туре:	Primary site
Parent site:	None
Version:	5.00.8325.1000
Build number:	8325
Site server:	SCCM.school.local
Installation directory:	D:\Microsoft Configuration Manager
SQL Server computer:	SCCM.school.local
SMS Provider location:	SCCM.SCHOOL.LOCAL
	OK Cancel Apply

As seen on pages four and five, 5.00.8325.1000 = SCCM 1511

After the install has completed, repeat the same processes as on pages 15 and 16. All Updates after SCCM 1511 are done through the Configuration Manager Console

- Administration / Cloud Services / Updates and Servicing



Saved Install Run Ref Searches Update Pack prerequisite check install Search Create	try Client Update lation Options						
Administration + Overvie	ew Cloud Services Upda	ites and Servicing +					
iministration	Undates and Servicing 1 items	,					
Overview	Search	A					
Hierarchy Configuration	Name	Date Released	State	Prereq Only	Client Version	Ignore	Description
 Cloud Services 	Configuration Manager 1602	3/9/2016 12:00 AM	Checking prerequisites	No	5.00.8355.1000	No	IMPORTANT NOTE:
🖆 Microsoft Intune Subscriptions							
Cloud Distribution Points							
Updates and Servicing							
 Site Configuration 							
Sites							
Servers and Site System Roles							
Client Settings							
Security							
Distribution Points							
Control Contro							
Migration							
- Mgraton							
	•						
	Configuration Manager 16	02					
🐏 Assets and Compliance	Summany						
Software Library	Summary						
	Description:	IMPORTANT NOTE: As a temporary central administration site server (C	v workaround if the update installation is	suspended at "Downl	oading" state for exten	ded period o	f time, restart the SMS
Monitoring	More Information:	http://go.microsoft.com/fwlink/?Lir	kID=626569				
Administration							
	Summary Features						
eady							

"Right Click" the update and choose "Run Prerequisite Check" – A prerequisite check will run. If all prerequisites check out fine, simply right click again and choose "Install Update Pack"

After the install the update is gone and you are completely upgraded to SCCM 1602

THINGS TO NOTE

SCCM2012 or SCCM2012R2, ADK 8

-Uninstall ADK 8. Install ADK 8.1. Install the Next version above your build number.

-Check the view log button to make sure the install is completed.

-Open up configuration manager and check your applications and boot.wim files.

-Make sure they now have the new build number as well as the date of install.

-Open a device collection and right click in the columns, choose Client Version to be seen beside the devices.

-Make sure that under Monitoring / You see all Green Checks

-Uninstall ADK 8.1 Install ADK 10.02 (DO NOT USE ADK 10_1511).

- Install the Next Version which should be SP2 or higher.

-Do NOT uninstall ADK 10.02

- Install SCCM_1511

-Check the view log button to make sure the install is completed.

-Open up configuration manager and check your applications and boot.wim files.

-Make sure they now have the new build number as well as the date of install.

After SCCM 1511 has successfully installed ALL UPDATES ARE DONE THROUGH ADMINISTRATION / SOFTWARE UPDATES

-Use the software update that is now included under "Administration"

-Right Click the software update and run Prequiste check

-If the Prerequisite check passes, right click and go to update.