

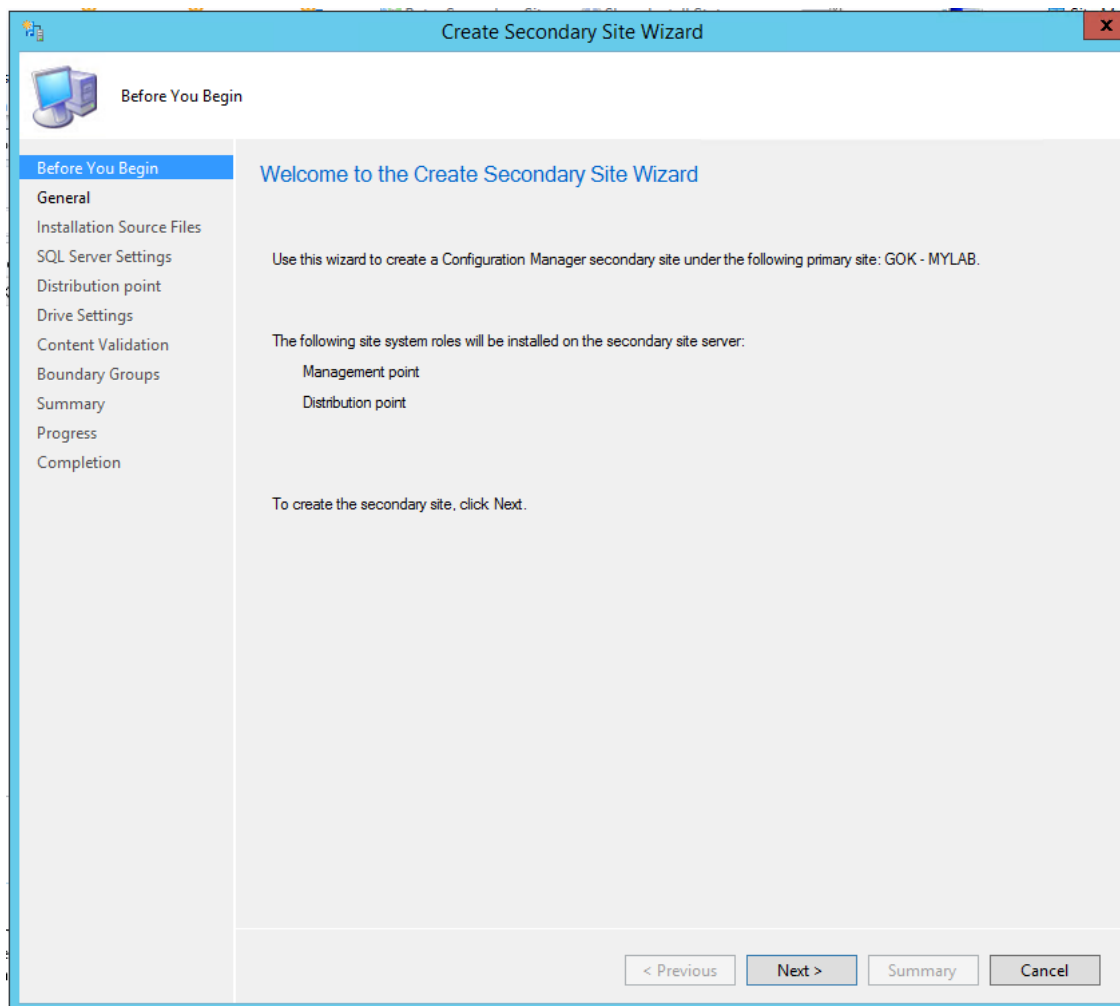
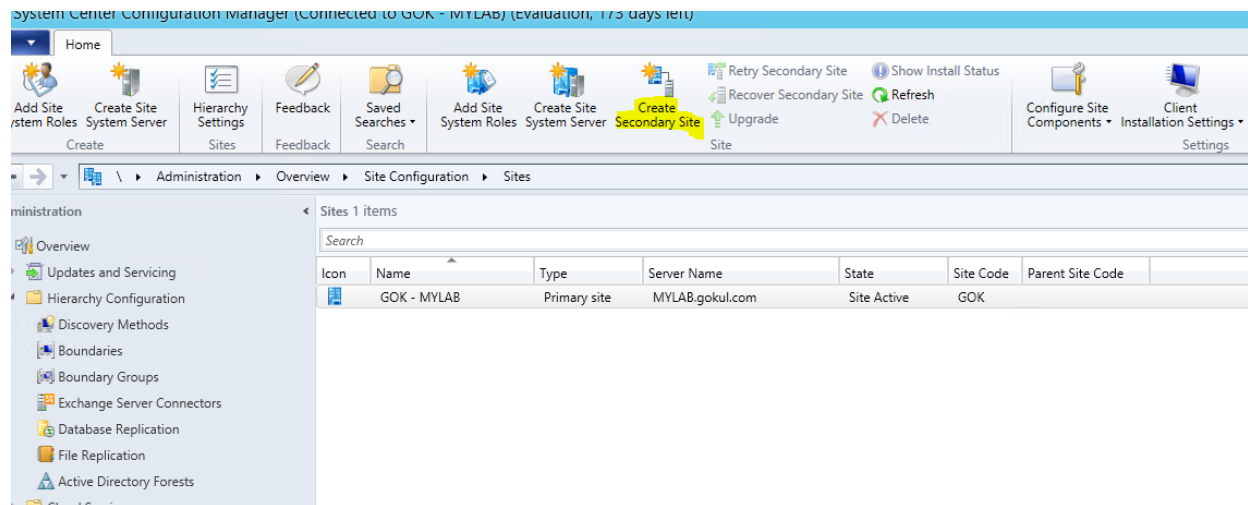
SCCM 1706

Secondary Site Installation

Secondary sites

The following are prerequisites for installing secondary sites:

- The administrator who configures the installation of the secondary site in the Configuration Manager console must have role-based administration rights that are equivalent to the security role of Infrastructure Administrator or Full Administrator.
- The computer account of the parent primary site must be an Administrator on the secondary site server computer.
- When the secondary site uses a previously installed instance of SQL Server to host the secondary site database:
 - The computer account of the parent primary site must have sysadmin rights on the instance of SQL Server on the secondary site server computer.
 - The Local System account of the secondary site server computer must have sysadmin rights on the instance of SQL Server on the secondary site server computer.
 - The secondary site server computer must meet all prerequisite configurations, which includes SQL Server and the default site system roles of the management point and distribution point.



The Document created by Gokulnath to help others on secondary site installation

Create Secondary Site Wizard

General

Before You Begin

General

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Distribution point

Drive Settings

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Specify settings for a new secondary site

Enter the site code that is used to uniquely identify this Configuration Manager secondary site in your hierarchy.

Site code: Example: XYZ

Enter the FQDN for the secondary site server. Example: server1.corp.contoso.com

Site server name:

Specify the site name that helps to identify the site. Example: Contoso remote site

Site name:

The site code and site name must be unique in the Configuration Manager hierarchy and cannot be changed after you install the site.

Specify the installation folder for the secondary site.

Installation folder:

Click Summary to install the new secondary site by using default settings, or click Next to configure settings for the secondary site.

The default settings will not associate the distribution point with a boundary group, which might prevent clients from using this distribution point for content location.

< Previous Next > Summary Cancel

Create Secondary Site Wizard

Installation Source Files

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Specify the location of the Configuration Manager installation source files

The Configuration Manager installation source files will be obtained from the following location to install the secondary site.

☒ Copy installation source files over the network from the parent site server

☐ Use the source files at the following network location

UNC path: Example: \\Server1\SourceFiles

☐ Use the source files at the following location on the secondary site computer (most secure)

Local path: Example: C:\SourceFiles

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Create Secondary Site Wizard

SQL Server Settings

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Specify the SQL Server settings to be used for this secondary site installation

Configuration Manager secondary sites require a Microsoft SQL Server database to store site settings and data. SQL Server Express can be installed during secondary site setup or an existing SQL Server instance can be used.

Configuration Manager uses SQL Server Service Broker (SSB) to replicate data between parent and child site database servers in the hierarchy. You must specify a TCP port number for the SQL Server Service Broker to use.

This port is different from the SQL Server service port, which is detected automatically.

☒ Install and configure a local copy of SQL Server Express on the secondary site computer

SQL Server service port: 1433

SQL Server Service Broker port: 4022

☐ Use an existing SQL Server instance

Specify the computer name, SQL Server instance name, and database name:

SQL Server fully qualified domain name: SCCM1.gokul.com
Example: sqlserver.contoso.com

SQL Server instance name, if applicable:
Example: InstanceName

ConfigMgr site database name: CM_ARV
Example: CM_XYZ

SQL Server Service Broker port: 4022

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Create Secondary Site Wizard

Distribution point

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Specify distribution point settings

A distribution point contains source files for clients to download.

☒ Install and configure IIS if required by Configuration Manager

☐ Enable and configure BranchCache for this distribution point

Description: Secondary Site - DP

Specify how client computers or mobile devices communicate with this distribution point.

☒ HTTP Does not support mobile devices or Mac computers.

☐ Allow clients to connect anonymously

☐ HTTPS Requires computers to have a valid PKI client certificate.

Allow intranet-only connections

If you manage Mac computers or have mobile devices that are enrolled by Configuration Manager, select an option that allows Internet client connections.

☐ Allow mobile devices to connect to this distribution point

Create a self-signed certificate or import a PKI client certificate.

☒ Create self-signed certificate

Set expiration date: 8/ 6/2116 7:06 PM

☐ Import certificate

Certificate:
Password:
Browse...

☐ Enable this distribution point for prestaged content

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Drive Settings

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Specify drive settings for this distribution point

Specify the space to reserve on each drive that is used by this distribution point. You can use drive space reserve to determine the space that remains free on the drive after content is stored on it.

Drive space reserve (MB):

The content library contains content that is distributed to this distribution point. To optimize hard disk space, the content library stores only one instance of each content files. The package share is used when you configure a package to allow clients to run a program from the distribution point.

Specify the locations for the content library and package share on this distribution point. If you select Automatic, Configuration Manager selects the drive that has the most free space when the distribution point is installed. Configuration Manager uses the secondary content library location only when insufficient space remains on the primary location.

Primary content library location:

Secondary content library location:

Primary package share location:

Secondary package share location:

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Content Validation

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Specify the content validation settings

Content validation verifies the integrity of packages on this distribution point. To review the validation states for packages, check the Content Status node in the Monitoring workspace.

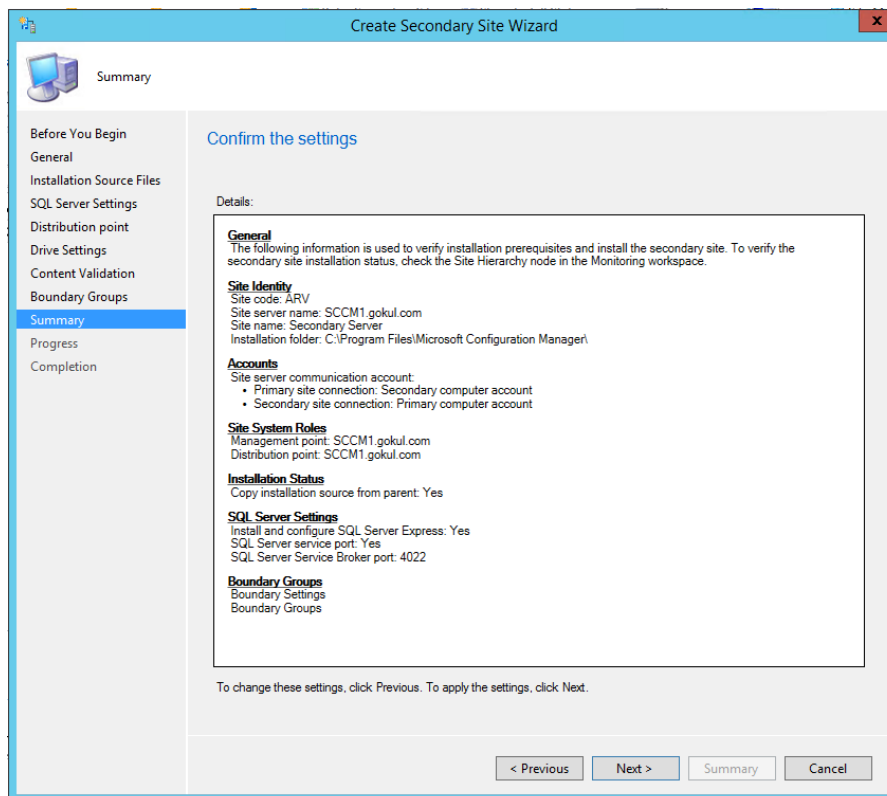
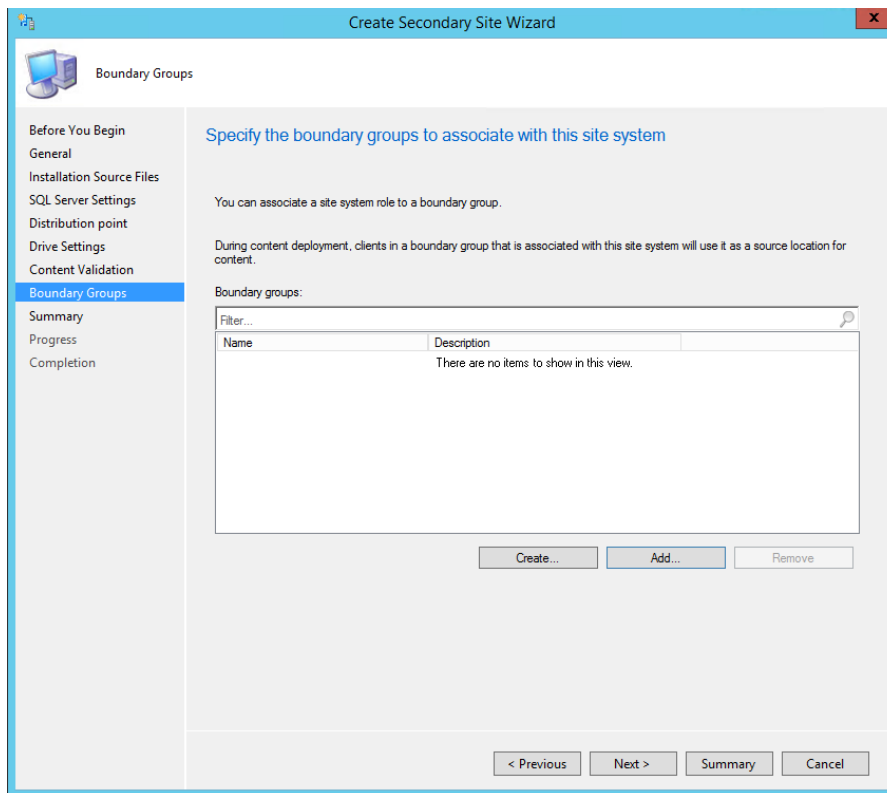
☐ Validate content on a schedule

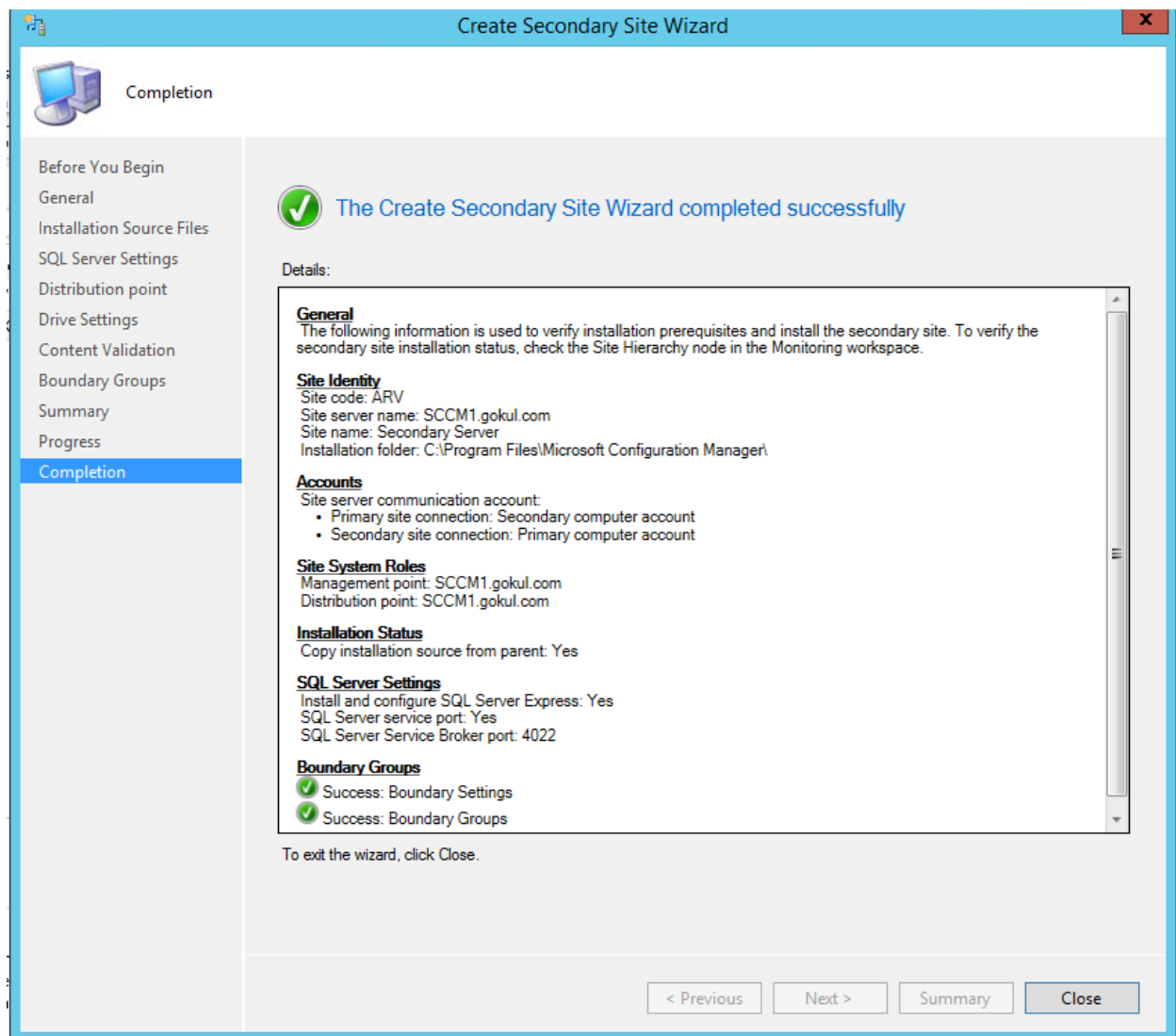
Occurs every 1 weeks on Saturday effective 8/6/2017 12:00 AM



Content validation priority

Select the priority that you want to use for content validation. A high priority value might increase the CPU usage and disk activity on the distribution point during content validation.

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Sites 2 items						
Search						
Icon	Name	Type	Server Name	State	Site Code	Parent Site Code
	ARV - Secondary Server	Secondary site	SCCM1.gokul.com	Pending	ARV	GOK
	GOK - MYLAB	Primary site	MYLAB.gokul.com	Site Active	GOK	

Configuration Manager Trace Log Tool - [C:\SCCM\Logs\smsdbmon.log]			
Log Text	Component	Date/Time	Thread
RCV: INSERT on SC_SiteDefinition for SiteKey_ADDUPD_HMAN [ARV][11594]	SMS_DATABASE_NOTIFICA	8/6/2017 7:12:13 PM	4492 (0x118C)
RCV: INSERT on RBAC_ChangeNotification for Rbac_Sync_ChangeNotification [425][11595]	SMS_DATABASE_NOTIFICA	8/6/2017 7:12:13 PM	4492 (0x118C)
RCV: INSERT on Sites for Sites_AddUpd_HMAN [ARV][11596]	SMS_DATABASE_NOTIFICA	8/6/2017 7:12:13 PM	4492 (0x118C)
RCV: INSERT on Sites for DistMgr_Sites_Ins [ARV][11597]	SMS_DATABASE_NOTIFICA	8/6/2017 7:12:13 PM	4492 (0x118C)
RCV: INSERT on SC_Address for SiteControl_Address_Scheduler [72057594037927937][11598]	SMS_DATABASE_NOTIFICA	8/6/2017 7:12:13 PM	4492 (0x118C)
RCV: INSERT on SC_Address for SiteControl_Address_Scheduler [72057594037927938][11599]	SMS_DATABASE_NOTIFICA	8/6/2017 7:12:13 PM	4492 (0x118C)
RCV: UPDATE on SiteControl for SiteControl_AddUpd_SiteCtrl [GOK][11600]	SMS_DATABASE_NOTIFICA	8/6/2017 7:12:13 PM	4492 (0x118C)
RCV: UPDATE on SiteControl for SiteControl_AddUpd_HMAN [GOK][11601]	SMS_DATABASE_NOTIFICA	8/6/2017 7:12:13 PM	4492 (0x118C)
SND: Dropped C:\SCCM\inboxes\hman.box\ARV.SPK [11593]	SMS_DATABASE_NOTIFICA	8/6/2017 7:12:13 PM	4492 (0x118C)
Inbox source is local on MYLAB.GOKUL.COM	SMS_DATABASE_NOTIFICA	8/6/2017 7:12:13 PM	4492 (0x118C)
Modified trigger definition for Hierarchy Manager[SiteKey_ADDUPD_HMAN]: table SC_SiteDefinition(SiteCode) on insert,update, file SPK in dir C:\SCCM...	SMS_DATABASE_NOTIFICA	8/6/2017 7:12:13 PM	4492 (0x118C)
SND: Dropped C:\SCCM\inboxes\hman.box\ARV.SPK [11594]	SMS_DATABASE_NOTIFICA	8/6/2017 7:12:13 PM	4492 (0x118C)
Inbox source is local on MYLAB.GOKUL.COM	SMS_DATABASE_NOTIFICA	8/6/2017 7:12:13 PM	4492 (0x118C)
Modified trigger definition for Hierarchy Manager[Rbac_Sync_ChangeNotification]: table RBAC_ChangeNotification(ID) on insert, file RBC in dir C:\SCC...	SMS_DATABASE_NOTIFICA	8/6/2017 7:12:13 PM	4492 (0x118C)
SND: Dropped C:\SCCM\inboxes\hman.box\425.RBC [11595]	SMS_DATABASE_NOTIFICA	8/6/2017 7:12:13 PM	4492 (0x118C)
Inbox source is local on MYLAB.GOKUL.COM	SMS_DATABASE_NOTIFICA	8/6/2017 7:12:13 PM	4492 (0x118C)
Modified trigger definition for Hierarchy Manager[Sites_AddUpd_HMAN]: table Sites(SiteCode) on insert,update, file SSU in dir C:\SCCM\inboxes\hman...	SMS_DATABASE_NOTIFICA	8/6/2017 7:12:13 PM	4492 (0x118C)
Date/Time: 8/6/2017 7:12:13 PM Component: SMS_DATABASE_NOTIFICATION_MON			
Thread: 4492 (0x118C) Source:			
Inbox source is local on MYLAB.GOKUL.COM			

Configuration Manager Trace Log Tool - [C:\SCCM\Logs\hman.log]			
Log Text	Component	Date/Time	Thread
Pin reset cert scan threshold is not met yet.	SMS_HIERARCHY_MANAGI	8/6/2017 7:12:18 PM	4232 (0x1088)
HandleRBACPermissions : Check if there is request.	SMS_HIERARCHY_MANAGI	8/6/2017 7:12:18 PM	4232 (0x1088)
HandleRBACPermissions : Get 1 requests, try to sync.	SMS_HIERARCHY_MANAGI	8/6/2017 7:12:18 PM	4232 (0x1088)
Waiting for Configuration Manager Client Upgrade changes for maximum 14400 seconds...	SMS_HIERARCHY_MANAGI	8/6/2017 7:12:18 PM	4284 (0x10BC)
Result : SYNC425,OP:0,O:ARV:6,U:,C:,CD:	SMS_HIERARCHY_MANAGI	8/6/2017 7:12:18 PM	4232 (0x1088)
spRBAC_SyncPermissions : Successful	SMS_HIERARCHY_MANAGI	8/6/2017 7:12:18 PM	4232 (0x1088)
End sync rbac permissions.	SMS_HIERARCHY_MANAGI	8/6/2017 7:12:18 PM	4232 (0x1088)
INFO: Enter HandleAIPermissions.	SMS_HIERARCHY_MANAGI	8/6/2017 7:12:18 PM	4232 (0x1088)
INFO: Enter GetUserOfAIMManageRole	SMS_HIERARCHY_MANAGI	8/6/2017 7:12:18 PM	4232 (0x1088)
INFO: Enter GetUserOfAIDBRoleButNotManageRole	SMS_HIERARCHY_MANAGI	8/6/2017 7:12:18 PM	4232 (0x1088)
INFO: Exit HandleAIPermissions.	SMS_HIERARCHY_MANAGI	8/6/2017 7:12:18 PM	4232 (0x1088)
Update site server active directory information into DB	SMS_HIERARCHY_MANAGI	8/6/2017 7:12:18 PM	4232 (0x1088)
Processing public key for site ARV.	SMS_HIERARCHY_MANAGI	8/6/2017 7:12:18 PM	4232 (0x1088)
Site ARV in Sites table: Site status = 2, Detailed status = 1001	SMS_HIERARCHY_MANAGI	8/6/2017 7:12:19 PM	4232 (0x1088)
Site GOK in Sites table: Site status = 1, Detailed status = 110	SMS_HIERARCHY_MANAGI	8/6/2017 7:12:19 PM	4232 (0x1088)
Processing site control file: Site GOK	SMS_HIERARCHY_MANAGI	8/6/2017 7:12:19 PM	4232 (0x1088)
Update the Sites table: Site=GOK Parent=	SMS_HIERARCHY_MANAGI	8/6/2017 7:12:20 PM	4232 (0x1088)
Date/Time: 8/6/2017 7:12:18 PM Component: SMS_HIERARCHY_MANAGER			
Thread: 4232 (0x1088) Source:			
Processing public key for site ARV.			

Log Text		Component
We have 0 active connections		SMS_LAN_SENDER
Created sending thread (Thread ID = 102C)		SMS_LAN_SENDER
COutbox::TakeNextToSend(pszSiteCode)		SMS_LAN_SENDER
No (more) send requests found to process.		SMS_LAN_SENDER
Waiting for new/rescheduled send requests, Maximum Sleep Time = 60 minutes		SMS_LAN_SENDER
Trying the No. 1 address (out of 1)		SMS_LAN_SENDER
Passed the xmit file test, use the existing connection		SMS_LAN_SENDER
Package file = C:\SCCM\inboxes\hman.box\SITEPKG.Phr		SMS_LAN_SENDER
Checking for remote file \\SCCM1.gokul.com\C\$\SMS_BOOTSTRAP.PKG		SMS_LAN_SENDER
Attempt to create/open the remote file \\SCCM1.gokul.com\C\$\SMS_BOOTSTRAP.PKG		SMS_LAN_SENDER
Created/opened the remote file \\SCCM1.gokul.com\C\$\SMS_BOOTSTRAP.PKG		SMS_LAN_SENDER
Attempt to create/open the remote file \\SCCM1.gokul.com\C\$\SMS_BOOTSTRAP.PKG		SMS_LAN_SENDER
Created/opened the remote file \\SCCM1.gokul.com\C\$\SMS_BOOTSTRAP.PKG		SMS_LAN_SENDER
Sending Started [C:\SCCM\inboxes\hman.box\SITEPKG.Phr]		SMS_LAN_SENDER
Attempt to write 1024 bytes to \\SCCM1.gokul.com\C\$\SMS_BOOTSTRAP.PKG at position 0		SMS_LAN_SENDER
Wrote 1024 bytes to \\SCCM1.gokul.com\C\$\SMS_BOOTSTRAP.PKG at position 0		SMS_LAN_SENDER
Attempt to write 65536 bytes to \\SCCM1.gokul.com\C\$\SMS_BOOTSTRAP.PKG at position 1024		SMS_LAN_SENDER
Date/Time: 8/6/2017 8:44:22 PM	Component: SMS_LAN_SENDER	
Thread: 4604 (0x11FC)	Source:	
We have 0 active connections		

Share View

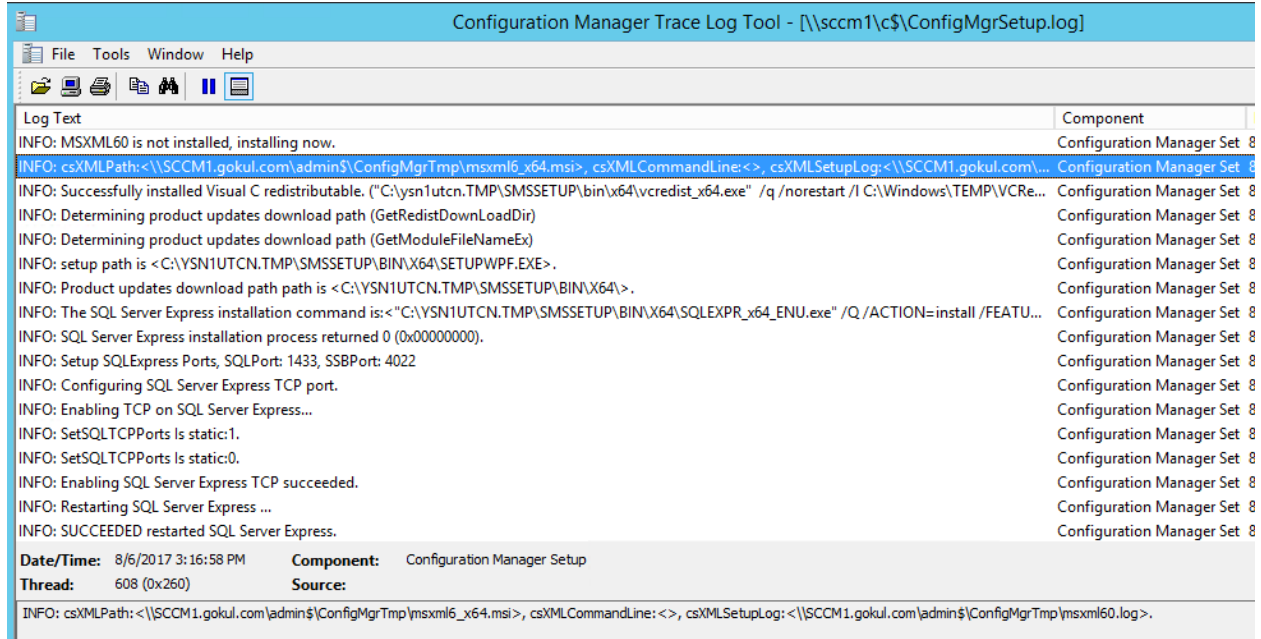
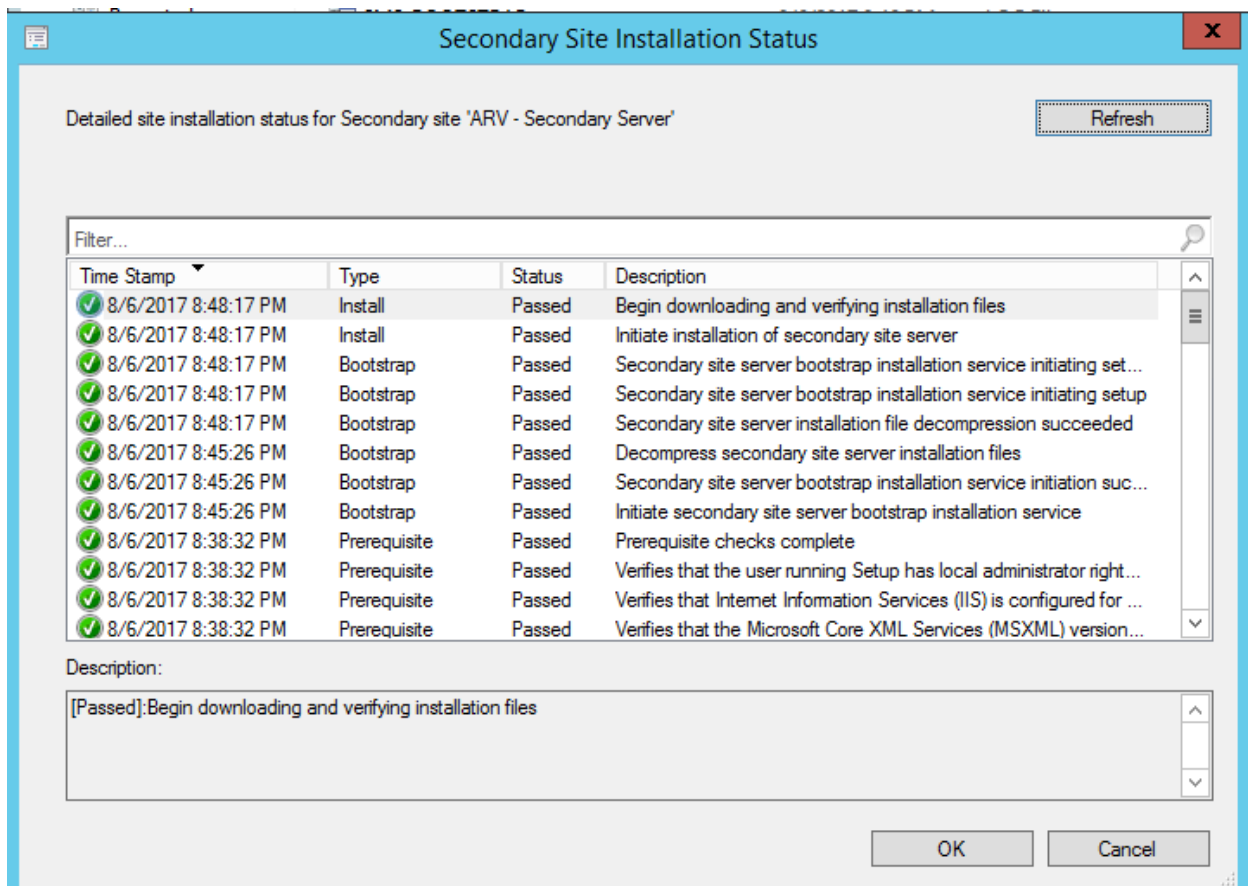
► Network ► sccm1 ► c\$ ►

Name	Date modified	Type	Size
ConfigMgrSetup	8/6/2017 8:47 PM	LOG File	9 KB
SMS_BOOTSTRAP	8/6/2017 8:46 PM	Configuration sett...	9 KB
SMS_BOOTSTRAP	8/6/2017 8:46 PM	LOG File	3 KB
SMS_BOOTSTRAP.PKG	8/6/2017 8:45 PM	PKG File	1,092,138 KB
smstsvc	8/6/2017 8:38 PM	LOG File	9 KB
SMS_BOOTSTRAP	7/13/2017 4:00 AM	Application	2,973 KB
Windows	8/6/2017 8:46 PM	File folder	

Sites 2 items

Search						
Icon	Name	Type	Server Name	State	Site Code	Parent Site Code
	ARV - Secondary Server	Secondary site	SCCM1.gokul.com	Pending	ARV	GOK
	GOK - MYLAB	Primary site	MYLAB.gokul.com	Site Active	GOK	

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Configuration Manager Trace Log Tool - [\\sccm1\c\$\ConfigMgrSetup.log]			
File Tools Window Help			
Log Text			
C:\Program Files\Microsoft Configuration Manager\inboxes\hman.box\pubkey")	Configuration Manager Set	8/6/2017 3:29:04 PM	608 (0x260)
C:\Program Files\Microsoft Configuration Manager\inboxes\hman.box\pubkey	Configuration Manager Set	8/6/2017 3:29:04 PM	608 (0x260)
C:\Program Files\Microsoft Configuration Manager\inboxes\hman.box\pubkey\GOK.plk for Key0	Configuration Manager Set	8/6/2017 3:29:04 PM	608 (0x260)
C:\Program Files\Microsoft Configuration Manager\inboxes\hman.box\pubkey\GOK.plk for Key0	Configuration Manager Set	8/6/2017 3:29:04 PM	608 (0x260)
INFO: Registered type SMS_ACCESS for SCCM1.gokul.com CONFIGMGRSEC\CM_ARV	Configuration Manager Set	8/6/2017 3:29:04 PM	608 (0x260)
INFO: SQL Connection succeeded. Connection: SMS_ACCESS, Type: Secure	Configuration Manager Set	8/6/2017 3:29:04 PM	608 (0x260)
INFO: SiteStatus set to 105 on SCCM1.gokul.com	Configuration Manager Set	8/6/2017 3:29:04 PM	608 (0x260)
INFO: send message 0x00030051 to parent	Configuration Manager Set	8/6/2017 3:29:04 PM	608 (0x260)
INFO: SQL Connection succeeded. Connection: SMS ACCESS, Type: Secure	Configuration Manager Set	8/6/2017 3:29:04 PM	608 (0x260)
INFO: send message 0x00030002 to parent	Configuration Manager Set	8/6/2017 3:29:04 PM	608 (0x260)
INFO: Removing byte order marker after reading from file (C:\Program Files\Microsoft Configuration Manager\bin\X64\secondarysiteupdatepackage.x...	Configuration Manager Set	8/6/2017 3:29:04 PM	608 (0x260)
Successfully update secondary site update package status from file C:\Program Files\Microsoft Configuration Manager\bin\X64\secondarysiteupdatepa...	Configuration Manager Set	8/6/2017 3:29:04 PM	608 (0x260)
INFO: Successfully begin Automatic Updates detection task	Configuration Manager Set	8/6/2017 3:29:04 PM	608 (0x260)
Not recovery mode or not top level site. Skip restoring client piloting packages.	Configuration Manager Set	8/6/2017 3:29:04 PM	608 (0x260)
~~~~~ Completed Configuration Manager Server Setup ~~~~~	Configuration Manager Set	8/6/2017 3:29:04 PM	608 (0x260)
<b>Date/Time:</b> 8/6/2017 3:29:04 PM <b>Component:</b> Configuration Manager Setup <b>Thread:</b> 608 (0x260) <b>Source:</b>			
~~~~~ Completed Configuration Manager Server Setup ~~~~~			