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# Adaptiva OneSite Cumulative Release Notes

Updated: June 21, 2018

## Build 5.5.676

Pre-Release Date: June 22, 2018

Release Date: July 1, 2018

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*Build 5.5.675 was tested internally but never released publicly.*

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### Download

#### [Build 5.5.676](#)

*Note: Please contact [ticket@adaptiva.com](mailto:ticket@adaptiva.com) or open a ticket from the support portal to receive the password to unpack the ZIP file.*

### Enhancements

Added setting to enable the skipping of the server binding check when installing the client from the peer-to-peer MSI installer.

- ✦ Some customers experienced issues using the P2P installer where the RVP was not allowing the lookup during client setup when client was being installed with a different server binding.
- ✦ This can be set in System Configuration policy by adding **SystemConfig\P2p msi\Skip server binding check** to a policy and setting it to **TRUE** (default setting is **FALSE**)

Altered content download workflows to save space in client cache

- ✦ Set clients to not unpack SCCM Applications or Software Updates since these are only downloaded by the full Adaptiva client and not OneSiteDownloader

Added a 360 second timeout to SQL connections

- ✦ Some customers, especially with SQL Always-On configurations, were experiencing connection requests that were non-responsive, this setting will now timeout and reattempt connection

Reports were updated

- ✦ ONS-DWN-E2 report was updated by changing the SQL query to link clients to offices using a BETWEEN statement on IP address range rather than using an INNER JOIN on startIP to subnetID. This will improve performance of the query.
- ✦ ONS-DB14 had the max recursion limit removed to ensure full coverage

An issue existed in French localization

- ✦ Changed encoding to UTF-8 in the unpacked content emitter XML

ADK for Windows 10 1803 is now supported

- ✦ Wording on P2P PXE policy has been updated to remove the wording around ADK limitations

## Fixes

During client install, there was a rare occurrence where installation would hang because replies got queued out of order. The server service would have to be reset to fix this situation.

- ✦ Client-Server handshake was changed to prevent this issue

Client messages for content deletion were causing heavy SQL transactions.

- ✦ Set server side to ignore the content deletion messages to optimize server operations

While checking for name collisions on folders, a NULL folder was creating issues in sporadic circumstances

- ✦ Code was changed to better handle this error if it occurs

## Build 5.5.674

Pre-Release Date: March 23, 2018

Release Date: April 1, 2018

## Download

### [Build 5.5.674](#)

*Note: Please contact [ticket@adaptiva.com](mailto:ticket@adaptiva.com) or open a ticket from the support portal to receive the password to unpack the ZIP file.*

## Enhancements

OneSite name is now consistent throughout product

- ✦ There were some locations where OneSite was separated as One Site.

## Fixes

Audit log generation was failing when ConfigMgr Package or Application name contained a single quote.

- ✦ Single quote character will no longer prevent proper logging

RVP discovery from server was returning more than required number of office RVPs, leading to no response to OneSiteDownloader.

Description for local user creation account type configuration value.

- ✦ When setting the configuration for the local user account created by default for share access, the description in the System Configuration Perspective was incorrect. This has been updated to reflect the correct values.

OneSiteDownloader: Added automatic re-discovery support for content sources, in cases when all last discovered sources fail to transfer content.

- ✦ OneSiteDownloader would get a list of available content providers, if it traversed that list and did not get the content then it would error out without performing another discovery.

OneSiteDownloader: Non-SMB mode was transferring complete driver package, instead of the requested drivers for **Auto Apply Drivers** TS step.

- ✦ OneSiteDownloader will now only download the necessary drivers from a driver package as expected from native ConfigMgr behavior.

Removed Adaptiva network provider from Windows network provider order. We will rely on WMI and windows APIs to capture logged user information.

- ✦ Previously, OneSite relied on the network provider to be able to capture the currently logged on user information. This is now gathered through WMI and Windows APIs allowing us to remove the network provider. There were situations where customers reported issues with Remote Desktop Connections with the Adaptiva Network Provider in place.

Correct IP address was not used in ContentRequest when specific IP interface address was used for binding.

- ✦ This was an issue only with systems that had multiple NICs installed. In this case, there is a registry setting that we set to identify the correct NIC to use and this was missed in the code for ContentRequest calls.

Client Health: Added configuration to specify ConfigMgr collection IDs to be used in Software Ping and Package Ping health checks. Earlier they were always targeted to 'All Systems'

- ✦ Customers expressed concern that 'All Systems' was too big an impact for these health checks. Added code to read two new registry entries so that you can specify what collections should be used as target. If no collections are specified in registry, no data will be available when these checks are run and always fail. To enable these health checks, create the following values in the **HKLM\Software\Adaptiva\Server** registry key:
  - String Value: **chs.softdist\_ping\_sms\_target\_collection\_id**
  - String Value: **chs.pkg\_ping\_sms\_target\_collection\_id**
- ✦ Enter the collection ID that you wish to run the health checks against as the data for these values
- ✦ After setting the values, you must restart the Adaptiva Server service

## Build 5.5.673

Pre-Release Date: January 16, 2018

Release Date: February 2, 2018

*Download*

[Build 5.5.673](#)

Note: Please contact [ticket@adaptiva.com](mailto:ticket@adaptiva.com) or open a ticket from the support portal to receive the password to unpack the ZIP file.

## Enhancements and Fixes

### Added SQL Index on Adaptiva notifications table

- ✦ This is a performance enhancement to better manage queries to this table

In case a schedule never fired before and start time is in past, load-level duration is not being applied to the calculated time.

### Cloud DP path length in alternate content provider call exceeded the OneSite column length

- ✦ If you are using cloud DP's with CM, you need to configure them in the system configuration perspective as IBCM servers. Adaptiva OneSite will automatically fall back to CM to allow BITS connection to the cloud DP. Unfortunately, the remote path provided in the invocation exceeded the length our the OneSite client in-memory database causing an invocation failure. This should still result in a fallback to CM but not with the return code we would normally provide. A bug in CM was uncovered where when an ACP falls back, CM cancels the job after connecting with the Cloud DP. A bug was filed with Microsoft.

### Added local alternate content provider policy for software updates while ConfigMgr client is still in provisioning mode

- ✦ CM does not pull down the alternate content provider policies while in provisioning mode preventing an ACP from being invoked during an OSD task sequence when applications and software updates are added.

### Delete local policy for Application and Updates only after CM policy is received

- ✦ Once CM policy has arrived in the client is no longer in provision mode, the Adaptiva local policies are removed.

Local transaction log was not creating missing folder path on commit

## Build 5.5.672

Release Date: December 15, 2017

### New Features

#### Client Health for Windows 10. *Client health basic has been retired.*

- ✦ As part of the Windows 10 Accelerator Program offering. 18 additional Windows 10 Health Checks have been added along with 20 existing health checks being identified as part of the Windows 10 Accelerator Program. These health checks are accessible by adding the Windows 10 Health Check license (previously Client Health Basic).

## Enhancements and Fixes

### PXE unknown computer setting change required server restart

- ✦ If the Unknown Computer support setting within the Peer-to-Peer setup perspective is selected after P2P PXE has been setup, restarting the Adaptiva server service was required to activate the new configuration. The change now is active without a service restart

### Assertion when push policy folder is accidentally selected for running policy

### Updated getTSFolderMemberTrigger for avoiding problems in WSUS cleanup

- ✦ A fix was added where during the WSUS cleanup activity, a String or Binary truncation error is encountered on an Adaptiva database object.

```

Wakeup for a polling cycle
Deleting old expired updates...
*** DECLARE @DRS_Context VARBINARY(128);SET @DRS_Context = CAST(N'SCCM_DR
*** [22001][8152][Microsoft][SQL Server Native Client 11.0][SQL Server]String or binary data w
Error: SQL error. Source: SqlExec
STATMSG: ID=6700 SEV=E LEV=M SOURCE="SMS Server" COMP="SMS_WSUS_SYNC_
Skipping WSUS Cleanup because of the SCF setting.
Wakeup for a polling cycle
Deleting old expired updates...
Deleted 231 expired updates
Deleted 1503 expired updates
Deleted 1503 expired updates total
Deleted 4 orphaned content folders in package PS1001DF (UPDP-2015)
Deleted 2 orphaned content folders in package PS1001E3 (UPDP-2014)
Deleted 262 orphaned content folders in package PS1002DD (UPDP-2017-Q2)
Skipping WSUS Cleanup because of the SCF setting.
Wakeup by SCF change
Skipping WSUS Cleanup because of the SCF setting.
Wakeup by SCF change
Wakeup by SCF change

```

### Sending thread pool locking is improved

- ✦ The send lock process was improved to increase the efficiency of the sending thread resulting in a greater throughput and reduced buffer sizes.

### Changed built-in SCCM install workflow to wait for up to 60 minutes for CCM install to finish

- ✦ The built-in Post Download Workflow - SCCM Client Installation workflow has been enhanced to have a 60 minute timeout by default added to the workflow in the event the SCCM client installation does not end or the failure isn't recognized, the new timeout prevents a non-terminating workflow.

### No deployment status for core policies. Eg. 401

- ✦ The core policies send to status messages on each modification to the policy. In a large environment, the updates can slow down processing and the status messages are not being used currently. By eliminating the update, the SQL and Adaptiva server performance increase

Do not allow merge option for Central office.

- ✦ The merging the central office into another office is prevented. Merging the central office into another office causes the central office to be deleted after the merge causing distribution issues from the server's client.

Import resolve button required double click.

- ✦ Only a single click is now required to provide the resolution to import warnings and errors.

Auto deploy workflow on import. If the workflow start node has auto deploy on import set to true, those workflows are automatically deployed when imported.

- ✦ The new setting allows workflow to be automatically saved and deployed upon being imported decreasing the complexity of import OBEX files.

Optimized unknown computer cleanup task.

Another enhancement to simplify sharing of OBEX files.

- ✦ Support for specifying import folder during exporting objects. This folder is automatically used when these objects are imported.

TFTP source randomization when PXE machines are booted at once.

- ✦ Randomization of TFTP sources increases the capacity of the number of machines that can be simultaneously booted.

All admins role will have read permission on workbench page explorer view.

- ✦ When creating roles which limit access to the user, the home view can be closed and then access to reopen it is not available. This improvement allows each role to have access to the workbench page explore view under Manage Views.

Web wakeup page script.

CCM client version information re-loading

Minor leak in OneSiteDownloader messaging fixed

OneSiteDownloader log line crash fixed

Updated CHS and OneSite dashboards.

- ✦ Client Health and OneSite dashboards available in SQL Server Reporting Servers were enhanced to provide additional insight into the content delivery and health of the environment.

When no cache drive is available, content file being created in c:\windows\syswow6432

- ✦ While extremely rare, it is possible for content files be created outside the Adaptiva cache and reporting to the OS the hard drive space taken. This is fixed in this build.

## Build 5.5.671

Release Date: December 1, 2017

## *New Features*

- ✦ OneSiteDownloader is included in client (we now place the executable file into the client install folder under x86/amd64 which will help with in-place Windows 10 installations)

## *Enhancements and Fixes*

- ✦ Internet Based Client Management fix for where, if SCCM failed to cancel an IBCM job. OneSite would process it over and over again every time Adaptiva service started and if it didn't exist in SCCM anymore, we would never get told to quit trying until the timeout of 7 days.
- ✦ GetTSFolderMemberTrigger fix
- ✦ SQL error caused wrong content status caching at xxxx POC
- ✦ Removed double quotes from the Adaptiva Env values. (the install location is set as an environment variable AdaptivaClient so you can set your set SMSTSDownloadProgram variable to %AdaptivaClient%\%processor\_architecture%\onesitedownloader.exe)

## Build 5.5.670

Release Date: September 21, 2017

## *New Features*

- ✦ Added a new PowerShell script in the download source which assists in creating a customized boot image to support OneSite OSD P2P. The script is located in the , CreateOneSiteBoot\_Script.zip file. For more information, see the [read me article](#).

## *Enhancements and Fixes:*

- ✦ Dependency graph cleanup for Application Deployment Types on expiry.
- ✦ Expedited schedule registration processing during server startup.
- ✦ OneSiteClient: fixed notification thread timeout issue.
- ✦ Fixed an issue in the case of offices configured as VPN or metered in which the client could hit high CPU condition.
- ✦ Optimized usage of UDP datagram pool.
- ✦ Skipping processing of collection updates for client uninstalls when collection update setting is off.
- ✦ A control setting is available to disable content receipts from laptop clients
- ✦ Added dynamic handling of Adaptiva local user account creation setting changes.

## Build 5.5.669

*Release Date: July 1, 2017*

### *New Features*

- ✦ New ConfigMgr Reporting dashboards have been added for OneSite and ClientHealth.

### *Enhancements and Fixes:*

- ✦ Added backup logic to query Management Points from WMI using SMS\_Authority.
- ✦ Local or remote sources on the Adaptiva Server are chosen randomly as opposed to iteratively, allows for better load leveling.
- ✦ Resolved an issue in which if a Software Update deployment was set to allow for downloads from Microsoft Update (WUMU), the ACP call to Adaptiva would fail.
- ✦ During the Adaptiva Client installation the App-V service is restarted only when this feature is enabled thus reducing the installation time.

## Build 5.5.668

*Release Date: April 1, 2017*

### *New Features*

- ✦ Support for Non-SMB content transfers to OneSiteDownloader during OSD.
- ✦ Support for no-broadcast subnet OSD. This will also work for no Adaptiva Client subnets, but there need to be clients on other subnets of same office.
- ✦ Faster download support for Office 365 click to run.

### *Enhancements and Fixes:*

- ✦ Local and Remote office download timeout values decremented to 6 minutes. Also, if Wake on LAN is off, local office timeout will happen immediately after office level content discovery fails.
- ✦ Fixes in OSD folder member trigger.
- ✦ FQDN used during WMI connections which resolves an issue when connection attempts were made in multi-domain environments.
- ✦ Adaptiva Client installer will no longer allow downgrading to a lower version.
- ✦ Resolved an issue with AdaptivaClientSetup.exe when the -nocachedel switch was used with the -cleaninstall switch in which the cache was wiped.

- ✦ During Adaptiva Server setup, the ConfigMgr Reporting Services Point account will now be granted db\_datareader role for the Adaptiva database. This will facilitate the execution of SSRS reports.
- ✦ During AdaptivaClientSetup, where the server name is changed from FQDN to NETBIOS name and vice-versa, but the name is still the same, the client will not be auto reset.
- ✦ Resolved recursive condition by adding a check to the Import Network Topology workflow for duplicate parent and child office names.
- ✦ In the case where an Adaptiva client is not licensed for OneSite and the client receives a push volunteer request, the request is ignored.
- ✦ Added double quote for AdaptivaServiceRestart command line as it would fail in some scenarios.

## Build 5.5.667

*Release Date: December 5, 2016*

### *Enhancements and Fixes:*

- Fix: A resource leak in compression algorithm when compression does not lower the size of data.

## Build 5.5.666

*Release Date: December 1, 2016*

### *Enhancements and Fixes*

- ✦ 33 new health checks are added to Client Health product.
- ✦ Latest JRE 8, version 111 included.
- ✦ Added notes and checks for ADK 10 supported versions. Only ADK versions up to 1511/10.0.10658.0 are allowed to be used P2P PXE configuration.
- ✦ Virtual SMP: Support for enforcing preferred hosts and office discovery has been added.
- ✦ New indexes on text inventory tables to improve performance of inventory upload.
- ✦ Support for discarding inventory report messages when retry pool is percentage full.
- ✦ A method to do complete reset of client health data and health collections has been added.

## Build 5.5.665

*Release Date: November 1, 2016*

## *Enhancements and Fixes*

- ✦ Added a Pre download workflow for SCCM 2012 client installations. This workflow can be used in Adaptiva push policy for a version check of SCCM client and avoid client package download.
- ✦ Added native support for Office 365 downloads. We still recommend using the Adaptiva method of Office 365 update deployments, as it is able make use of binary differential.
- ✦ Added new vSMP configuration: p2p\_space\_allocator.min\_srcs\_discovery\_for\_allocation. This allows for picking better hosts for vSMP.
- ✦ FileOperations workflow activity: EOF handling in readLine(). Result will be false when EOF is reached.
- ✦ If trailing spaces are detected in the unpacking folder field for a content push policy, the trailing spaces will be removed.
- ✦ Resolved an issue in which no broadcast attempts will occur in a WiFi configured office. Even when broadcast may be enabled, all communication is done using WiFi protocol.
- ✦ Fixed a rare condition in data transport protocol where it can start consuming higher CPU.
- ✦ Fixed a condition causing error during of processing IBCM ipv6 prefixes.

## Build 5.5.664

*Release Date: October 1, 2016*

## *Enhancements and Fixes*

- ✦ Remote PXE: A new client configuration (p2p\_pxe.allow\_remote\_pxe) is added which allows RVPs to support remote PXE boot and is useful when IP helpers and DHCP snooping is in use.
- ✦ Speed improvements in UEFI PXE boot by rejecting requests for non-essential files.
- ✦ Fixed an issue with Office vs client ids in-memory cache.
- ✦ Updated OneSite report: DWN-E3 – All Missing Content Referenced by a Specific Task Sequence for a Specific Office.
- ✦ CacheMigrationTool and pre-caching uses AdaptivaCache as temp folder instead of client temp.

## Build 5.5.663

*Release Date: September 1, 2016*

## *Enhancements and Fixes*

- ✦ OneSiteDownloader: added integration with Universal Imaging Utility, from Big Bang LLC.
- ✦ CacheMigrationTool: added support for caching content from Altiris client.
- ✦ Added automatic detection and exclusion of read-only drives in running Adaptiva Client.
- ✦ Fixed a time calculation issue in wake on schedule module used in Green Planet product.
- ✦ Fixed an issue with Client upgrades where a particular type of upgrade failure would interfere with future upgrades.
- ✦ Updated product documentation.

## Build 5.5.662

*Release Date: August 1, 2016*

## *Enhancements and Fixes*

- ✦ Added performance optimizations for SQL queries that are used for fetching stored Adaptiva objects from the Adaptiva database.
- ✦ Added performance optimizations for Intellistage content push workflows when running on VPN clients.
- ✦ Updated OneSite Users Guide and OneSite OSD Users Guide.

## Build 5.5.661

*Release Date: July 1, 2016*

## *Enhancements and Fixes*

- ✦ Peer-to-peer discovery request processing engine uses a thread pool now. This will result in faster and parallel discoveries and clients will perform better under higher loads.
- ✦ Added a new configuration setting to block WAN download for clients which are marked restricted and prohibited: `contentsystem.no_wan_download_for_restricted_prohibited`. The default value is false.
- ✦ After the Adaptiva Server service starts any pending callbacks will be made using batched processing to decrease the startup time of the service.
- ✦ Added support for handling Buddhist calendar system for packed content files.
- ✦ Added Unknown Computer support when PXE booting Adaptiva clients which report to the Adaptiva server running on the CAS.

- ✦ Addressed a condition in which the processing of incoming requests may stop during data transport.
- ✦ Automatic detection of wrong BCD file generation. This could happen if wrong bcdedit.exe is used in PXE tools.
- ✦ Updated the SQL connection pool library to the latest version.
- ✦ Updated Java 8 engine.

## Build 5.5.659.0

*Release Date: June 1, 2016*

### *Enhancements and Fixes*

- ✦ We are working with Microsoft for suitable modifications to the ACP interface for the new "Office 365 Client" update feature via SCCM. In the meantime, you can use the native OneSite method for automatically updating Office 365 which is described in the product document: [Managing Office 365 Click-to-Run Updates with Adaptiva OneSite](#).
- ✦ Additional handling for ACP download requests when client has not obtained client ID yet.
- ✦ Added automatic detection of client database errors and self-remediation.
- ✦ WiFi protocol enhancements to handle extremely large subnets.
- ✦ AdaptivaClientSetup automatically handles cached content migration between two AdaptivaServers in same or different time zones.
- ✦ Added support for VPN office clients to automatically obtain latest version of remote content sources.
- ✦ Removal of Application and Software Update global ACP settings if OneSite is removed from licensing perspective.

## Build 5.5.658.1

*Release Date: May 1, 2016*

### *Enhancements and Fixes*

- ✦ Automatic handling of new SCCM built-in read-only packages during content publication on AdaptivaServer. New Client Upgrade packages were recently introduced in SCCM and we were failing to identify them as read-only when trying to apply ACP settings.
- ✦ Tool foundry: Handling of single quotes and special characters in tool command line.
- ✦ CAS PXE was failing for clients when child primary uses SQL named instance.

- ✦ Stability enhancements to CacheMigrationTool.
- ✦ Fixed slow data upload detection configuration issue.
- ✦ Faster office client lookups to boost server performance.
- ✦ Added indexes to Content and Policy tables.
- ✦ Adaptiva Environment Check Workflow is included in the product now.
- ✦ Disallowed removing Adaptiva client from UI for read-only administrators.
- ✦ Fixed removing of AD groups from a security role, if no members were present in that group.
- ✦ Faster AdaptivaClient Startup.
- ✦ Adler configurable checksum support for LAN and WAN transfers.

## Build 5.5.657.1

*Release Date: 02/10/2016*

### *Enhancements and Fixes*

- ✦ Performance improvements for office / clients id processing.
- ✦ Faster processing of PXE boot requests.
- ✦ Two minute expiration in RVPLists replies. Large RVPList replies caused server to not handle new client requests in a timely manner.

## Build 5.5.656

*Release Date: 01/22/2016*

### *Enhancements and Fixes*

- ✦ Fix for HSQL high CPU and script file growth.
- ✦ Fix for Office 365 unpack issues.
- ✦ Fix for content re-publication issue.

## Build 5.5.655

*Release Date: 01/15/2016*

### *Enhancements and Fixes*

- ✦ Fix for a rare assertion condition on Adaptiva server when a client gets uninstalled during content source computation.

- ✦ Fix for assertion condition on server when querying LiveFlow data for no office clients.
- ✦ Fix for condition where laptops were not sending remote content progress receipts.
- ✦ Fix for a condition where global pause/resume was not immediately working for no office clients.
- ✦ PXE policy shows enabled after upgrade, but it not actually enabled by a system admin.
- ✦ SCCM ACP notifications are thrown in a separate thread.

## Build 5.5.652

*Release Date: 12/01/2015*

### New Features

- ✦ Content Management UI:
  - LiveFlow™ adds the ability to view, pause, reprioritize and cancel all WAN transfers in real time.
  - Content Distribution Status displays the availability of all content in Adaptiva offices.
- ✦ CacheMigrationTool. New command line option to revalidate migrated content. This can also be used with other command line options.

```
Ex: CacheMigrationTool.exe -revalidate
```

- ✦ Added support for encrypted SQL connections.
- ✦ New WiFi protocol. This allows clients in WiFi offices to perform peer-to-peer communication and content downloads.
- ✦ Added support for extending the Adaptiva workflow engine by creating new Workflow activities using PowerShell scripts.
- ✦ New Workflow Activities: Adaptiva Log and DateTime activities.
- ✦ New: Component based logging for the Adaptiva client.
- ✦ New: Find office using an IP address.
- ✦ Added a new DP fallback setting when a content download is cancelled by an Adaptiva Admin.
- ✦ New Workflow: Cleans empty offices after a defined duration.
- ✦ Laptops now send content download receipts.
- ✦ OneSiteDownloader: Support has been added to intelligently ignore slow machines during unpacked content download.

- ✦ New: Active/Passive remote download session support. All current priority downloads remains passive and randomly time-slice with each other. All lower priority downloads also remain passive. All remote transfers are shown in LiveFlow™ UI.
- ✦ Java Run Time Environment updated to JRE 8.
- ✦ Client, Server, and UI registry locations are now located under HKLM\Software\<WoW6432Node>Adaptiva. Earlier location was HKLM\Software\JavaSoft\Prefs\<WoW6432Node>Adaptiva.

## Enhancement and Fixes

- ✦ Prohibited clients are allowed to be an RVP but will only become RVPs in case there are no active normal/preferred clients on that subnet.
- ✦ Added support for parsing CIDR formatted subnet information in import topology workflow.
- ✦ Fixed SCCM Client installation workflow to specifically check for SCCM 2012.
- ✦ Importing a workflow that references an imported form will automatically correct the form ID to the imported form.
- ✦ Performance improvement for Adaptiva Protocol transport for sending large messages.
- ✦ Correct client type in p2p discovery responses.
- ✦ Fixed locale used while connecting to SiteControl file.
- ✦ Miscellaneous fixes

## Build 4.5.631.0

*Release Date: 07/14/2015*

## Features and Enhancements

- ✦ Active Directory Integration – Allows login and access control based on active directory user accounts, and active directory group memberships. These capabilities are deeply integrated with the current Adaptiva role based security implementation.
- ✦ Workbench enhancements:
  - Multiple workbench instances can be run at the same time on the same machine. This is useful in Citrix environments, or when an administrator is managing multiple Adaptiva servers from his workstation.
  - Non-Administrators can launch the Adaptiva Workbench.
  - Workbench installers now support unattended installation. Refer to the Adaptiva OneSite & Client Health Installation Guide, “Workbench Installation” section for more information. This allows easy installation in Citrix environments.
- ✦ WiFi support:

- Clients in locations where WiFi infrastructure does not allow or support broadcasts can now use a non-broadcast messaging protocol for communication.
- Offices can be marked as WiFi, in cases where the entire office is a WiFi location, or in cases where WiFi and Ethernet environments have been mixed within the same IP subnets.
- ✦ Metered WAN connection support:
  - ✦ This allows admins to control WAN downloads on clients which are in metered offices. To enable this functionality, set the client system config property: "contentsystem.no\_wan\_download\_on\_metered\_connection" to true on selected collections or on all Adaptiva clients
  - ✦ Offices which are marked as metered will not perform content downloads across the WAN
  - ✦ Network Topology Object Import and export workflows allow handling of WiFi and Metered offices.
  - ✦ New Reports - OneSite content publication reports for ConfigMgr Applications have been added.
  - ✦ Client Health – Introduced new status message: "Failed But Remediated Successfully".
  - ✦ Added support for high, medium, low priorities for ConfigMgr Application content types.
  - ✦ Support for static WMI method invocation in the WMI workflow activity.
  - ✦ Office-clients viewer additionally shows last check-in time for clients. Clients can also be sorted based on that field.
  - ✦ New System Configuration Settings:
    - **contentsystem.use\_ip\_address** - If set to true, IP address will be used for unpacked content URLs. This overrides behavior of contentsystem.use\_fqdn.
    - **p2p\_vs.use\_ip\_address** - This is false by default, if set to true, it allows an RVP to return the IP address for the vSMP hosts during allocation and discovery.
    - OneSite Wake On LAN: New control settings are introduced for WoL for content, Virtual SMP functions or globally.
- ✦ wol.no\_wol\_content\_download
- ✦ wol.no\_wol\_virtual\_state\_migration
- ✦ wol.no\_wakeup
- ✦ Delivery of final content download completion message (receipt) is guaranteed to reach the Adaptiva server.
- ✦ Workflow activity: ContentPushPolicyOperations. Allows management of content push policies within a workflow. An example, this provides scripting capabilities via Tool Foundry.

- ✦ CacheMigrationTool: Handles timezone/daylight savings differences when packing content.
- ✦ Intellistage setting in content push policy is enabled by default.
- ✦ AutoApply Drivers task sequence step is fully supported.
- ✦ Automatic fix in cases where the ConfigMgr client gets stuck during ACP invocation.
- ✦ Automatic handling of OneSite component registrations when the ConfigMgr client is migrated from 2007 to 2012.
- ✦ Changed the default priority for software update downloads from 140 to 110. Medium application download priority would be higher than software updates.
- ✦ Updated product documentation.

## Build 4.0.614.1

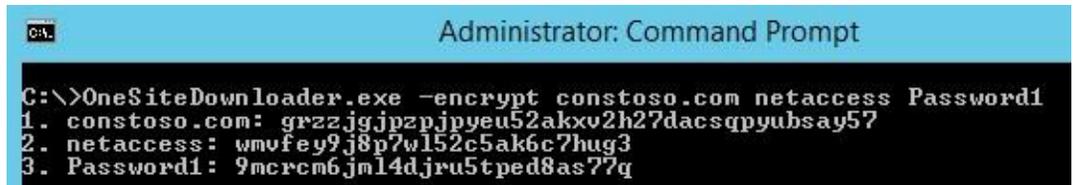
Release Date: 02/19/2015

### Features and Enhancements

- ✦ OneSiteDownloader:
  - Added support for using the ConfigMgr Network Access Account instead of the local computer account during the copying of unpacked content.
  - Added the ability for OneSiteDownloader to pull content from other clients by authenticating with the ConfigMgr Network Access Account (NAC) rather than the local AdaptivaClient account. To utilize this feature, follow the below steps:
    1. Gather the domain, username, and password for the Network Access Account.
    2. On a standard Windows client, open a command prompt from a folder which contains the 4.0.614.1 version of the OneSiteDownloader utility use the following command:

Ex: OneSiteDownloader.exe -encrypt Domain Username Password

The utility will return three encryption keys for the domain name, username and password values that were provided.



```
C:\>OneSiteDownloader.exe -encrypt constoso.com netaccess Password1
1. constoso.com: grzzjgjpzpjpyeu52akxv2h27dacsqpyubsay57
2. netaccess: wmvfey9j8p7w152c5ak6c7hug3
3. Password1: 9mcrcm6jm14djru5tped8as77q
```

The three encrypted values will later be used to define task sequence variables.

3. Three new task sequence variables have been introduced which will contain the encrypted values that were generated by the OneSiteDownloader utility. Add these task sequence variables to the beginning of the task sequence to instruct OneSiteDownloader to use the NAC instead of the local AdaptivaClient account.
    - o OneSiteNacDomain o OneSiteNacAccount
    - o OneSiteNacPassword ▪ New Workflow Activities:
    - o WindowsRegistryWow64: Supports operations for 32 and 64 registry hive irrespective of the running process.
    - o DNSResolver: Provides DNS resolution capabilities.
    - o UnknownPXECache: Provides operation for cleaning up the PXE cache for unknown computers.
    - o Added a new property to FileParser and FileOperations workflow activities to disable automatic SysWow64 redirection.
    - o Fixed the Service Remediation action to set a service startup type to Automatic (Delayed Start), Automatic, Disabled, or Manual.
- ✦ CacheMigration Utility: Now supports publication of content from SCCM client caches.

```
Ex: CacheMigrationTool.exe -sccmclient
```

## Build 4.0.612

*Release Date: 01/16/2015*

### Fixes and Enhancements

- ✦ New client setup parameter: [-delay <seconds>] that specifies the length of time in seconds to delay the actual installation / upgrade of the Adaptiva client. The delay option used in an Adaptiva Content Push policy to upgrade the Adaptiva client allows the existing push policy to complete successfully preventing a looping after the client upgraded. This option is valid when using the -installorupgrade / -cleaninstall / -uninstall actions.

```
Example: AdaptivaClientSetup.exe -delay 30 -installorupgrade - servername  
server.domain.com
```

- ✦ Modified client setup parameter: [-installorupgrade] no longer deletes the AdaptivaCache folder if run on a machine that doesn't have an Adaptiva client installed enabling manual content seeding prior to installing the AdaptivaClient.
- ✦ RVP: Reduced RVP - Server communication load by using message merging.
- ✦ RVP: Clients do not interfere with RVP election, in cases where there is a failure to resolve the server DNS.

- ✦ RVP: Partial advertisement distribution includes context information for correlation.
- ✦ Additional fixes for rare ACP stuck issue during OSD builds for applications and updates.
- ✦ Fixed diff generation issue for very small block sizes.
- ✦ Fixed CCR generation (Client Push Install) for ConfigMgr 2012. This is used as one of the remediation methods in a client health check.
- ✦ Automatic messaging startup failure recovery, in cases where the network interface is not ready after machine boots up.
- ✦ Added support for rebuilding and re-indexing Adaptiva database tables.
- ✦ Added support for automatically handling Turkish language set.
- ✦ Fixed a Client Health hardware inventory check which was using the wrong SQL view in ConfigMgr 2012.
- ✦ SEDO lock fix. In cases where we are not able update the ACP, a SEDO lock will be attempted. This helps in freeing up any older invalid/timeout locks.
- ✦ Fix for a very specific condition, when CPU usage become high for short duration during data transfer.
- ✦ OneSiteDownloader would return appropriate return code for -set option.