Intel® Setup and Configuration Software (Intel® SCS)

Release Notes

Version 11.0

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Table of Contents

1 Introduction

This document describes new features and changes made in version 11.0 of the Intel® Setup and Configuration Software (Intel® SCS).

1.1 Intel SCS Components

Intel SCS is a collection of software components and utilities developed by Intel. You can use Intel SCS to discover, configure, and maintain Intel products and capabilities on the platforms in your network. Intel SCS includes these components:

- **Remote Configuration Service (RCS)** – The RCS is a Windows* based service that runs on a computer in the network. The RCS can process configuration requests sent by the other Intel SCS components. In database mode, the RCS also handles storage of data collected and sent to the RCS by other Intel SCS components.

- **Console** – The Console is the user interface to the RCS. You can use the Console to create and edit configuration profiles for supported Intel products and capabilities. In database mode, the Console also lets you view data about Intel products that was sent to the RCS. Database mode also includes additional options for Intel AMT. These options include monitoring Intel AMT systems and creating and running "Jobs" on multiple Intel AMT systems.

- **Configurator** – The Configurator (`ACUConfig.exe`) is used to configure Intel AMT (only) and runs locally on each Intel AMT system. You can use the Configurator to configure the system locally or send a configuration request to the RCS.

- **Intel AMT Configuration Utility** – This utility (`ACUWizard.exe`) is a wizard that you can use to quickly configure individual systems or create XML profiles for host-based configuration using the Configurator. This utility does not interface with the RCS and cannot be used to send requests or data to the RCS. For more information, refer to the `Intel(R)_AMT_Configuration_Utility.pdf`.

- **Discovery Utility** – The Discovery Utility (`SCSDiscovery.exe`) can be used to get detailed data about Intel AMT (only). This utility does not interface with the RCS. (The Configurator CLI includes a `SystemDiscovery` command that does interface with the RCS.)

- **Remote Configuration Service Utility** – The RCS Utility (`RCSUtils.exe`) is used to do some of the tasks necessary when installing the RCS.

- **Solutions Framework** – The Solutions Framework extends the capability of Intel SCS to discover and configure other Intel products in addition to Intel AMT. For more information, refer to the documentation in the `Solutions Framework` download at http://www.intel.com/go/SCS.

- **Platform Discovery Utility** – The Platform Discovery Utility (`PlatformDiscovery.exe`) is used to "discover" which Intel products and capabilities exist on your platforms. For more information, refer to the documentation in the `Platform Discovery` download at http://www.intel.com/go/SCS.

- **Database Tool** – The Database Tool (`DatabaseTool.exe`) is used to do some of the tasks necessary when installing the RCS in database mode. For example, creating the Intel SCS database.

- **Encryption Utility** – The Encryption Utility (`SCSEncryption.exe`) is used to encrypt/decrypt XML files used by Intel SCS.

1.2 Supported Operating Systems

This table describes on which operating systems the main Intel SCS components of this release can run.

Version	Configurator	RCS	Console
Windows* 10 Pro	Yes	No	No
Windows 10 Enterprise	Yes	No	No
Windows 8.1 Pro	Yes	No	No
Windows 8.1 Enterprise	Yes	No	No
Windows 7 Professional (SP1)	Yes	Yes	Yes
Windows 7 Enterprise (SP1)	Yes	Yes	Yes
Windows Server* 2012 R2	No	Yes	Yes
Windows Server 2012	No	Yes	Yes
Windows Server 2008 R2 (SP2)	No	Yes	Yes
Windows Server 2008 (SP2)	No	Yes	Yes
* Other names and brands may be claimed as the property of others.			

Additional Requirements

- The Console requires version 3.5 of Microsoft .NET Framework* (SP1) to be installed on the computer. requires version 3.5 of Microsoft .NET Framework (SP1) to be installed on the computer. This is also a requirement of the wizard version of the installer used to install the RCS or the Console (`IntelSCSInstaller.exe`), and the Database Tool.

- If you are installing the RCS in database mode, the Microsoft SQL Server Native Client* must be installed on the computer. If the client is not installed, the RCS cannot connect to the database. The `RCS` folder contains a folder named `SQLNativeClient` with the 32-bit and 64-bit installers for this client.

- Intel SCS components can run on operating systems installed with these languages: Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Portuguese-Brazilian, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish.

- Intel SCS does not support Non-Latin or Extended Latin characters in filenames or values in the XML files.

- A minimum screen resolution of 1024 x 768 is necessary to use the Console. The 800 x 600 screen resolution is not supported.

2 New Features

This section describes the main new features and changes included in Intel SCS 11.0.

2.1 Support for Intel AMT 11.0

Intel SCS 11.0 supports configuration of Intel AMT 11.0.

This includes support for these changes and new capabilities of Intel AMT 11.0:

- **Support for CSME 11.0** – No changes to remote (network) interfaces., host software interfaces, or local interfaces due to infrastructure change.
- **IDE-R replaced by USB-R** – IDE-R storage redirection is being replaced by USB-R Storage Redirection in CSME 11.0.
- **TLS-PSK Configuration Security Model Depreciation** – TLS-PSK support was deprecated starting from Intel AMT 7.0, and supported through Intel AMT 10.

2.2 Changes to Intel SCS Configurator (ACUConfig)

These changes were made to the Intel SCS Configurator (`ACUConfig`):

- Updated AD integration for Microsoft Server Security patch `MS15-096`.
- Added ability to update AMT status in SCS Console with NotifyRCS and Unconfigure parameters.
- Added `/LongRandomPassword` parameter to `configAMT`.
- Updated Contextual help for `CCM disable`.
- Added version to ACUConfig output.

2.3 Changes to Intel SCS Remote Configuration Service (RCS)

These changes were made to the Intel SCS Remote Configuration Service (RCS):

- RCS will log an event to Windows Event Viewer in the event the CA RCP Service is not available.
- RCS log will now include both instance ID and profile name.
- Solutions Framework plug-ins are no longer installed by Intel SCS installer (`IntelSCSInstaller.exe`). Refer to Solutions Framework plug-in downloads at http://www.intel.com/go/SCS for installation instructions
- If the user cancels the installation, the Installer will popup a message indicating the storage key location and provide the password.
- The SCS installer (`IntelSCSInstaller.exe`) checks if the SQL Native Client is installed earlier in the RCS Database Mode flow to provide a warning of this prerequisite before database creation if not found.

3 Resolved Issues

This table describes known issues that were fixed in this release of Intel SCS.

ID	Description
US3326	On the second opening of the help menu in the SCS console, a JavaScript error was occurring and the SCS console had to be closed to access the help menu again.
US3708	When SCS Console refreshes, any text in the search field was used to update the systems list. The SCS console was updated so that a new search will not take place until the search button is pressed.
DE1709	SCS Console returned unhandled exception error when searching database for newly unprovisioned system.
DE1732	SCS Console does not decrement systems count from "All Systems" row after deleting a system from "Views" tab
DE1737	RCS logging was updated so that on profile deletion, the profile's name is printed instead of its instance ID.
DE1787	ACUConfig NotifyRCS command was failing to update the status of the Intel AMT device in the RCS database on unconfigure.
DE1801	ACUConfig gives wrong error message when newMEbxpass not given during CreatePSK. The error message text was updated.
DE1812	SCS Console systems list was out of sync after SCS console refreshes and the details of wrong profile get displayed after selecting a profile.
DE2160	SCS Installer crashes if "RCS User Account" username and password left blank
DE2273	ACUWizard password field allows 48 characters when documentation limits say 32 characters
DE2307	The SCS Console Security Settings fields for setting Master Password and Confirm Password do not limit the size of the password to 32 characters
DE2310	Error connecting to remote RCS in Database mode when user credentials not the same as current user.
DE2314	Configuration profile wizard password field allows 48 characters when documentation limits say 32 characters
DE2320	Configurator AD object reconfiguration fails when pointing to different OU
DE2349	RCS Event logging not properly sourced or formatted

4 Known Issues

This table describes known issues with version 11.0 of Intel SCS.

ID	Description	Impact/Solution
DE2377	When RCS user account has ".com" in user name, during installation Intel SCS Database fails to add the user to database and gives error 213	Caused by limitation in SQL Server. According to MSDN documentation, when "creating logins that are mapped from a Windows domain account, you must use the pre-Windows 2000 user logon name in the format [<domainName>\<login_name>]." What is meant by pre-Windows 2000 user logon name is the down-level login name, which uses the NetBIOS domain name for the domain and not the FQDN. Intel SCS 11.0 adds additional error message: "Also ensure that the user name is in the down-level login name format [<NetBIOS domain name>\<username>]."
BT6733	FQDN Mismatch maintenance job (Fix host FQDN mismatch) fails when renaming to non-unique FQDN in TLS mode.	FQDN mismatch maintenance job will fail when trying to fix a mismatch of a non-unique hostname when the target platform is configured in TLS mode. In order to mitigate this issue please make sure to perform a full unconfiguration on any platform in the mismatch state in case the hostname is not unique.
DE2555	When configuring a system from an USB drive the FQDN and Domain information may not be set in AMT	When using an USB drive to configure multiple systems, the FQDN and Domain information may not be set in AMT. To resolve this issue you can set the FQDN and domain information manually. Here is one method that can be used: Log into AMT using your browser: HTTP://<FQDN or IP>:16992. Select System Name Settings. Enter the FQDN in the Computer host name box. Enter the domain information in the Domain name box. Make sure Use Dynamic DNS update client is checked. Select Submit

ID	Description	Impact/Solution
DE2367	After upgrade, SCS Console fails to connect with SQL Authentication	For Database mode installations, after upgrading, users are failing to connect to SCS Console with SQL Authentication. This issue is also seen when upgrading to SCS 10. Workaround: log into SCS console and manually add the SQL Authentication credentials on the Storage tab of Console Settings, then restart the console.