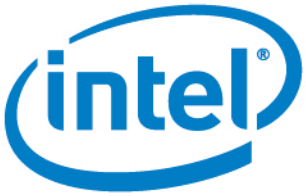

Intel® Setup and Configuration Software (Intel® SCS)

Release Notes

Version 11.1

Document Release Date: December 22, 2016

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1 Introduction

This document describes new features and changes made in version 11.1 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 are 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 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. 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 11.1.

2.1 Support for Intel AMT 11.0

Intel SCS 11.1 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 depreciated 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.
- ACU.dll is now statically linked in ACUConfig.exe and is distributed as a single file.

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.
- Solution 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 if 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
DE3605	[SCS Installer]Invalid username entered when using browse at RCS user account screen.
DE3609	When installing only RCS or Console, the "completed successfully" screen is incorrect.

4 Known Issues

This table describes known issues with version 11.1 of Intel SCS.

ID	Description	Impact/Solution
DE3620	During host based configuration, the Intel® Management Engine BIOS Extension (MEBX) password is not being set. This leaves new systems with the default MEBX password of admin when the system is in admin control mode.	You must run `ConfigViaRCSOnly` after running `ConfigAMT` locally, to set the MEBX password.
DE2145	ACUConfig "Abort on failure" removes cert from MEBX.	Provisioning a machine using `ACUConfig ConfigViaRCSOnly` with commands including `abortonfailure` results in a full unconfiguration, removing the certificates from MEBX. Use the `abortonfailure` command only do full unconfiguration.
DE3587	Silent Installer Custom Action UPGRADE_ RECRYPT_NS fails with exit code 1603 (fatal error).	After creating the database, use the `adduser` command to give the RCS user access to the database. If the RCS is to be run by the "Network Service" account, grant the local `computer$` account access to the database.
DE3586	The RCS service is not restarted after cancelling an upgrade	After cancelling an upgrade, manually restart the RCS service
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 nonunique 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.

ID	Description	Impact/Solution
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.
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.