Intel® Setup and Configuration Software (Intel® SCS)

Release Notes

Version 12.1

Document Release Date: April 5, 2019

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1 Introduction

This document describes new features and changes made in version 12.1 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 .

- **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* 2016	No	Yes	Yes
Windows Server 2012 R2	No	Yes	Yes
Windows Server 2012	No	Yes	Yes
Windows Server 2008 R2 (SP1)	No	Yes	Yes
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Additional Requirements

- The Console requires version 4 of Microsoft .NET Framework* 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 12.1.

2.1 Changes to the Product Package

SCS 12.1 is delivered as a set of Windows* installer package (.msi) files. Some SCS components that were previously installed with SCS are now installable separately, from their own installer package files, which are installed by default under "`\Program Files (x86)\Intel Corporation\`".

2.2 Added Support for V3 and V4 Certificates

V3 and V4 certificates are now supported in SCS 12.1.

2.3 Removed .NET 3.5 Dependency

With version 12.1, SCS no longer depends on .NET 3.5.

3 Known Issues

This table describes known issues with version 12.1 of Intel SCS.

Issue Description	Impact/Solution
When upgrading to SCS 12.1, the Windows Registry value for TLS opt-in is set to 0 (disabled) by default.	The TLS opt-in Registry value is set to 0 by default, and must be manually changed to 1 (TLS10_OPT_IN_VAL=1) to enable TLS 1.0 support on legacy AMT platforms.
When using Windows Server 2008 R2 (SP1) as the OS for the SCS Remote Configuration Service, SCS may require updates to its Microsoft* SChannel and WinHTTP keys in order to communicate with AMT platforms that support only TLS 1.1 or higher.	See the Microsoft knowledgebase article at https://support.microsoft.com/en-ae/help/3140245/update-to-enable-tls-1-1-and-tls-1-2-as-default-secure-protocols-in-wi.