Security Controls 2021.4.1

Release Notes

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About this Release

Build Information

These release notes support the General Availability (GA) version of Ivanti Security Controls 2021.4.1. The GA version can be downloaded from this link:

https://forums.ivanti.com/s/article/Ivanti-Security-Controls-Download

The GA build is 9.5.9233.0.

You can upgrade to Security Controls 2021.4.1 from Security Controls 2021.2, 2021.1, 2020.1, 2019.3 or 2019.2. See the Upgrade Guide for complete details.

IMPORTANT! Ivanti recommends you create a backup of your current database before performing any upgrades. If you are using a full edition of SQL Server, you should use the SQL Server Maintenance Plan Wizard to perform the backup. SQL Server Express users who do not have access to the SQL Server Maintenance Plan Wizard can use the Ivanti Security Controls Database Maintenance tool.

Documentation

The complete library of Ivanti Security Controls 2021.4.1 documentation is available here:

www.ivanti.com/en-US/support/product-documentation

Installation Notes

System Requirements

A new version of the Microsoft Visual C++ Redistributable for Visual Studio 2015 – 2019 may be available, so this may be identified as missing during the prerequisite check of the installation process.

Customers upgrading from Ivanti Security Controls 2019.2 should note the following new console requirement:

- Microsoft .NET Framework 4.8 or later (was 4.7.2)

For a complete list of requirements for the console, your agentless clients and your agent-based clients, see System Requirements in the Help.

New Installation vs Upgrade

If you are an existing Security Controls 2021.2, 2021.1, 2020.1, 2019.3 or 2019.2 customer, you should perform an upgrade to Security Controls 2021.4. This will enable you to maintain your current product database and configuration data.

If you are a new Ivanti customer or an Ivanti Application Control customer who is migrating to the Application Control feature in Security Controls, you will be performing a new installation.

Although the upgrade and new installation processes are similar, there are differences. For example, if you perform an upgrade you will not be presented with the opportunity to create a new database or choose how users and services will connect to the database.

Disconnected Networks

If you are installing on a disconnected console machine, in addition to manually installing any prerequisite software, you must also manually download and install the product core files BEFORE you begin the installation process. For complete information on this process, see the Performing a New Installation topic in the Help.

For information on how to manually manage your data files in a disconnected environment, refer to the following Ivanti Community post:

https://forums.ivanti.com/s/article/How-To-Download-Content-Data-Files-and-Patches-using-the-Download-PowerShell-Script

New Features Introduced in Security Controls 2021.4

Ability to Delete a User Whose Credentials are Shared with Other Users

The **User Role Assignment** dialog has been replaced by the new **User Manager** dialog. In addition to allowing you to assign different roles to different users, the **User Manager** dialog now allows you to delete any users who should no longer have access to Security Controls. For example, if one of your administrators has been assigned to a different project or has left your organization, you will want to delete that user. If the user being deleted is currently sharing credentials with one or more users or with background services, you are able to clean up all shared credential associations before you delete the user.

Improved Windows Agent Client Program

The agent client program has been totally reworked, providing an updated look and feel. In addition, the program provides more troubleshooting information and does a better job of presenting the information.

Windows 11 and Windows Server 2022 Support

Support has been added for Windows 11 and Windows Server 2022 for use as a console and on target machines that require patching.

Deprecated Features

Features That Were Removed from 2021.2 Update 1

The following operating systems are no longer supported:

- o The Security Controls agent is no longer supported on Windows 8 and CentOS 6 operating systems
- o Agentless operations are no longer supported on Windows XP, Windows Server 2003, Windows Vista and Windows 8 operating systems.

Features That Were Removed from 2020.1

- The Security Controls console can no longer be installed on the following operating systems:
  - o Windows 7 SP1
  - o Windows Server 2008 family R2 SP1

  Security Controls will continue to patch these endpoints through the Custom Patch Support program.

- The ITScripts TrustedHosts list credential has been eliminated because it is not required. Machines can still be added to the list when a remote PowerShell prompt is launched from Machine View.

Features That Will Be Removed in Future Releases

- A new set of database views has been created and is organized using the Reporting2 namespace. The Reporting2 namespace now includes a view for CVSS scores. The original Reporting namespace will be removed in a future release and should only be used by legacy queries. All new queries should be created using the Report2.* views. For more information about report views, see the Generating Custom Reports section in the Security Controls Help.

- Support for Microsoft SQL Server 2012 will end in a future release.

- In the REST API, support for **servicecredentials** requests and the **sharewithservice** parameter will end in a future release. Those capabilities are contained in the new shared credentials functionality.

- In the REST API, support for the **/metadata/vendor Family.products** parameter will end in a future release. That capability is being replaced by the **Family.productVersions** parameter.

Resolved Issues

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Problem ID	Title
809492	Resolved an issue where using the Organizational Unit tab to populate a machine group did not work properly when browsing for an Active Directory forest.
812560	Resolved an issue where a patch scan incorrectly excluded some machines contained in an Active Directory Organizational Unit.
822467	Resolved an issue where a cancellation event notice was incorrectly displayed when closing Deployment Tracker.
833210	Resolved an issue where a blank agentless operation window would be displayed from Machine View.
834992	Resolved an issue where scheduled core engine file downloads would fail due to a version check issue.
846883	Resolved an issue where the End-of-Life by Product report did not return all machines and their OS versions.
847995	Resolved an issue where, after upgrading from v2019.3 to v2021.x, a customer experienced performance issues opening a machine group or loading Machine View due to a credential usage issue.
851198	Resolved an issue where authenticating to the console via the REST API would fail if NTLM is disabled.
853096	Resolved an issue where the Detailed License Status report would not be properly generated.
854501	Resolved an issue where the Schedule tab in an agent patch task would not display the entire schedule.
871159	Resolved an issue where the database would fail to upgrade when upgrading to the latest version of Security Controls.

Problem ID	Title
880916	Resolved an issue where help content and auto upgrade notifications may not be available to Extended Support Update (ESU) customers.
881571	Resolved an issue where the agent user interface would automatically launch after a system reboot.

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Problem ID	Title
883765	Resolved an issue where sensitive information could appear in the installation log when using alternate authentication modes.