Security Controls 2019.2

Release Notes

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About this Release

Build Information

These release notes support the General Availability (GA) version of Ivanti Security Controls 2019.2.
The GA version can be downloaded from this link:

https://content.ivanti.com/products/isec/v9.4/34405/IvantiSecurityControls_2019.2.exe

The GA build is 9.4.34405.0.

You can upgrade to Security Controls 2019.2 from Security Controls 2019.1.1, Security Controls 2019.1, Security Controls 2018.3 (non-AC users only) or Patch for Windows 9.3 Update 1. If you are currently using the Preview version of Application Control that was available in Security Controls 2018.3, you must perform a fresh installation. 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 2019.2 documentation is available here:

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

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Installation Notes

System Requirements

Customers upgrading from Ivanti Security Controls 2019.1.1 or earlier should note the following new console requirement:

- Microsoft Visual C++ Redistributable for Visual Studio 2015-2019

Customers upgrading from Ivanti Patch for Windows 9.3 Update 1 should note the following new console requirements:

- Memory: 16GB of RAM is now recommended for high performance systems
- Disk space: 100GB is now recommended for the patch repository
- Microsoft .NET Framework 4.7.2 or later (was 4.6.2 or later)
- Microsoft Visual C++ Redistributable for Visual Studio 2013 (required for scanning offline VMs)
- Microsoft Visual C++ Redistributable for Visual Studio 2015-2019

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 2019.1.1, Security Controls 2019.1, Security Controls 2018.3 (non-AC) or Patch for Windows 9.3 Update 1 customer, you should perform an upgrade to Security Controls 2019.2. 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. If you are currently using the Application Control feature in Security Controls 2018.3, you must uninstall the program and all agents and then perform a fresh installation. See the Installation section in the Help.

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

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Major New Features

Patch Management Support for CentOS

Patch management functionality is now available for CentOS systems. You can manage all vendor-supported Server, Workstation, Client and Computer Node variants of the following systems.

- CentOS 6, x64 (the libicu package is required)
- CentOS 7, x64 (the libicu package is required)

Linux Reporting

The reporting tool user interface has been reworked to organize the available reports into logical categories. In addition, several of the reports have been updated to provide information for all supported operating system platforms (Windows, Linux, etc.). New database views have also been added for use with custom reports.

Machine View Improvements

Machine View has been modified to provide a couple of important improvements:

- The tabs have moved from the top pane to the middle pane. This provides a more logical separation of the available patch and asset information and allows you to quickly and easily drill down and locate the information you want to find.
- Windows and Linux deployment history information is now available in the middle pane.
- Assigned AC () configuration information is now available in the top pane.

Import CVEs Improvements

Several improvements have been made to the Import CVEs feature:

- The CVE extraction process now occurs automatically as soon as you select the file containing the CVE file.
- Two tabs have been added to separate and display the associated Windows patches and Linux patches.
- An option has been added that enables you to view only security-related patches.

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Minor Features and Enhancements

Import Ivanti Application Control Configuration

An Ivanti Application Control configuration can now be imported to Security Controls in the .aamp format. For further details on configurations refer to the Configuration section of the Application Control Overview topic in the Help.

Application Control Configuration Enhancements

- New functionality added to the Configuration Editor so that a text search can be carried out. This helps you to quickly identify which rule collection, or rule set, a configured item belongs to.
- New Network Shares are Accessible by default option in the Executable Control Configuration Settings.
- Folders and Rule Collections can now be added to a parent Process Rule along with files and file hashes.

Extension to the Add delay (days) Scheduling Option

The Add delay (days) option that is used in several areas has been extended to allow delays of up to 31 days (was previously a 20 day maximum).

Patch File Size

A new File size column has been added to Scan View, Machine View and Patch View. This shows the patch file size and will be helpful when testing or planning patch deployments.

Agent Installation PowerShell Script

When manually installing agents, it is now a requirement to provide a secure connection between the remote machine and the console by importing the Security Controls issuing certificate to the remote machine. A custom PowerShell script is provided to automatically perform these steps for you. For more information, see Agent Options in the Help.

Deployment Confirmation Dialog

The Deployment Configuration dialog has been updated to present deployment information is a much more useful manner.

Power Pack License Key

The Power Management and advanced ITScripts features are now available with a standard license key. The requirement for a separate add-on license key for these features has been removed.

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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 ISeC Help.
- Support for SQL Server 2008 and SQL Server 2008 R2 will end in a future release.

Resolved Issues

The following customer support issues have been resolved in this release:

Problem ID	Title
537528	Resolved an issue where credentials were not honored for a patch download directory share.
517596	Resolved an issue where missing patch released data triggered a crash when viewing patch information.
504248	Resolved an issue where CVE Import was not a part of the standard patch group creation dialog.
534460	Resolved an issue where creating a new distribution server with multiple new credentials failed.
506133	Resolved an issue where CVE import incorrectly incorporated patches for software distribution.
504219	Resolved an issue where CVE import targeted the first patch group in the list, ignoring user selection.
542696	Resolved a REST API server 500 error by adding the ability to supply API session credentials and updating the documentation.
494964	Resolved a content issue where invalid content was published on content.shavlik.com.
525414	Resolved an issue where patch scan templates were being changed during an upgrade.
443721	Resolved an issue where VMWare VDDK needed to be updated to a newer version in order to use a newer version of OpenSSL.
525415	Resolved an issue where REST API logons would fail if the user was not logged on locally.
566485	Resolved an issue where the behavior was incorrect when a pending sub-authority certificate was removed.
539737	Resolved an issue where an empty hostSystemName entry would cause the UI to crash.
499058	Resolved an issue where the reboot MS job was never deleted after reboot, causing an infinite loop.
504209	Resolved an issue where a patch download would not complete, preventing the deployment from beginning.

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Problem ID	Title
570927	Resolved an issue where a session credentials API was required to allow DPAPI operation when the user was not logged on locally.
496821	Resolved an issue where the agent policy was not correctly updated when modified using the PowerShell API and the REST API.
480165	Resolved an issue where the InstalledBy string was not properly scrubbed after deserialization.
282435	Resolved an issue where an agentless asset scan did not create the required admin shares if they did not already exist.
491164	Resolved an issue where agent patch scan and agent asset scan IDs were not selected correctly in the database.
531921	Resolved an issue where a PowerShell script could not be used to install agents.
583606	Resolved an issue where large single-threaded file copy and scheduled deployment jobs would take excessively long to complete.
579410	Resolved an issue where custom fields in Machine Properties were being overridden when selecting multiple machines.
575919	Resolved an issue where refreshing the vCenter inventory sometimes caused a PRIMARY KEY error.
576310	Resolved an issue where agents would be uninstalled after an upgrade from Patch for Windows 9.3.
578746	Resolved an issue where a patch query via the REST API downloaded new content but the service was still using old data.
571879	Resolved an issue where the View in Machine View option displayed information for more than the selected machine.
572170	Resolved an issue where switching from Authenticated HTTP to Anonymous HTTP in a distribution server configuration failed on Linux agents.
544952	Resolved an issue where the program would crash when opening a patch group after upgrading from Patch for Windows 9.3.
539706	Resolved an issue where inconsistencies were found between Security Controls and the ReportingViews used by Xtraction.
541720	Resolved an issue where a console upgrade would fail while attempting to upgrade a VDDK driver that was already installed.
541896	Resolved an issue where hosted VMs were inadvertently being deleted from machine groups.
590109	Resolved an issue where agent patch operations were blocked by expired content digital signature.
525558	Resolved an issue where AMAgent.exe crashed when a scripted host launched with the parameter "" (c:\windows\system32\cscript.exe "").

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Problem ID	Title
529866	Resolved an issue where symbolic links to network targets would partially fail with Application Control.
542961	Resolved an issue where chaining cmd.exe commands would allow a blocked cmd.exe to run.
523812	Resolved an issue where Application Termination did not evaluate command line parameters.
523815	Resolved an issue where the Self Elevation option "Make item(s) allowed" did not override all rules.
523816	Resolved an issue where EnableSignatureOptimization only allowed a single signature per path.
523818	Resolved an issue where the program failed to load message settings from the registry.
523820	Resolved an issue where System/Uninstall Controls did not work in audit only mode.
523821	Resolved an issue where Network Connection Allow rules did not always take precedence over a Deny rule.
573300	Resolved an issue where the console would crash when adding rules with the same path.
578895	Resolved an issue where Application Control's Cascade extension could result in changes to the style of a website.
580286	Resolved an issue where it was not possible to elevate an application when the UIAccess flag was set.
542534	Resolved an issue where USB drives were not detected as 'removable', breaking removable media functionality.
593354	Resolved an issue where agent policy credentials appeared not to be set in the Agent Policy Editor.

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