



Dell™ IT Security Search 11.2.1

Release Notes

October 2016

These release notes provide information about the Dell IT Security Search release.

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About IT Security Search 11.2.1

Dell IT Security Search provides IT administrators, IT managers and security teams with a way to navigate the expanse of information about the enterprise network.

New features

IT Security Search 11.2.1 is a maintenance release dedicated to adding support for Dell Change Auditor 6.9.

New in IT Security Search 11.2

- **IT Security Search is a standalone Dell product**
Previously shipped with InTrust as IT Search, IT Security Search is now a separate product. The first standalone release keeps the version continuity and gets the version number 11.2.
- **Searching in multiple InTrust repositories**
IT Security Search fully supports searching in multiple InTrust repositories, which was introduced in InTrust 11.2.

Resolved issues

The following is a list of issues addressed in this release. The release contains fixes for IT Security Search issues that have been included in updates since the previous release.

Table 1: General resolved issues

Resolved Issue	Issue ID
For Change Auditor databases, database version detection works incorrectly.	506
IT Security Search is not up to date on the Change Auditor 6.9 database schema and cannot read from such databases.	516
IT Security Search fails to register an account on the Security tab if the domain name contains a hyphen "-" character.	500

Resolved issues in IT Security Search 11.2

Table 2: General resolved issues

Resolved Issue	Issue ID
If IT Security Search fails to connect to an InTrust server during a search in a repository, the connection is not retried during the next search.	321
If you remove an InTrust server from the configuration, and it was previously specified as an indexing manager for any repositories, then IT Security Search cannot open the repository list any more. The following error is displayed: "Exception from HRESULT: 0xAADC1802"	607004
On a computer that is configured for FIPS compliance, the following error occurs during connector configuration: Connection error: Exception has been thrown by the target of an invocation. Also, the following error occurs during a search: Exception has been thrown by the target of an invocation. In both cases, this is accompanied by the following in the IT Search log: <code>System.InvalidOperationException: This implementation is not part of the Windows Platform FIPS validated cryptographic algorithms.</code>	389
Test searches (on the Settings page) fail, even though normal searches work fine. This happens because test searches use an incorrect timeout value.	401
The range of the Years dropdown control is incorrectly limited to six years.	358
IT Security Search uses a vulnerable version of Elasticsearch; see https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2015-1427 for details. An up-to-date version must be used instead.	287

Known issues

The following is a list of issues, including those attributed to third-party products, known to exist at the time of release.

Table 3: General known issues

Known Issue	Issue ID
Internet Explorer becomes unresponsive when IT Security Search shows a modal dialog box on top of the browser windows. You can work around this by minimizing all windows and clicking the close button in the modal window; Internet Explorer resumes working.	360
After an IT Security Search upgrade, the layout of the controls in the web interface can appear broken (missing blocks of data, misplaced elements and so on). You can correct this by refreshing the page, preferably with a cache cleanup (Ctrl+F5).	

System requirements

Before installing IT Security Search 11.2.1, ensure that your system meets the following minimum hardware and software requirements.

Compatibility

The following versions of data-providing systems are supported in this version of IT Security Search:

- InTrust 11.2
- Change Auditor 6.9, 6.8, 6.7, 6.6, 6.5
- Enterprise Reporter 2.6, 2.5.1, 2.5
- Recovery Manager for Active Directory 8.7.1, 8.7

Software Requirements

- Operating system:
 - Microsoft Windows Server 2012 R2
 - Microsoft Windows Server 2012
 - Microsoft Windows Server 2008 R2
- Additional software:
 - Microsoft .NET Framework 4.5.1 or later
 - Microsoft Windows PowerShell 3.0 or later
- Additional requirements for the Recovery Manager for Active Directory connector:
 - Enable remote commands in Windows PowerShell. For details, see <https://technet.microsoft.com/en-us/magazine/ff700227.aspx>.
 - The PowerShell script execution policy must be set to **RemoteSigned**. Run the following cmdlet:
`Set-ExecutionPolicy RemoteSigned`

Browser Compatibility

The IT Security Search Web interface works correctly with the following browsers:

- Microsoft Edge
- Microsoft Internet Explorer 11 or later
- Google Chrome 40.0 or later
- Mozilla Firefox 35.0 or later

The minimum supported monitor resolution is 1024x768.

Hardware Requirements

- CPU: Quad-core; recommended: Intel Xeon E5-2670 v2 (Ivy Bridge) and 8-16 logical CPU cores
- RAM: 6GB minimum; 15GB or more recommended
- Disk: 100GB (SSD recommended); disk space requirements are very dependent on the volume of Enterprise Reporter data being processed, because the index size varies proportionally; the indexes for Change Auditor and InTrust data do not consume any disk space on the IT Security Search computer, because they are located in the data stores used by these systems
- If you deploy on a virtual machine, make sure the CPU and memory requirements above are met, and do not overload the virtual machine host

To find out the disk requirements for IT Security Search installation, consider the table below. It shows how much disk space is used for indexing in a sample environment with 10000 of each type of object. Scale the values according to your own circumstances.

Object type	Size of an index entry	Number of objects	Size of the index
Users	2KB	10000	20MB
Groups	2.5KB	10000	25MB
Computers	1KB	10000	10MB
Shares	1KB	10000	10MB
Files	0.2KB	10000	2MB
Total		50000	67MB

To display events rather than objects, IT Security Search uses the built-in indexes in InTrust and Change Auditor data stores.

Where to Install

It is recommended that you install IT Security Search in the same domain as the servers of your data-providing systems: InTrust, Enterprise Reporter, Change Auditor and Recovery Manager for Active Directory. Do not install IT Security Search on any of those systems' servers.

Product licensing

This product does not require licensing.

Getting started with IT Security Search 11.2.1

Installation instructions

To set up IT Security Search, run the `ITSearch.msi` installation package. You can customize the installation path and the port that will be used for getting data.

During setup, you may also choose to participate in the Dell Software Improvement Program. For details, see [Feedback on IT Security Search](#).

Additional resources

Additional information is available from [online product documentation](#).

Globalization

This release is Unicode-enabled and supports any character set. It supports simultaneous operation with multilingual data. This release is targeted to support operations in the following regions: North America, Western Europe and Latin America, Central and Eastern Europe, Far-East Asia, Japan.

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Legend

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 **WARNING:** A WARNING icon indicates a potential for property damage, personal injury, or death.

 **IMPORTANT, NOTE, TIP, MOBILE, or VIDEO:** An information icon indicates supporting information.

Third-Party Contributions

This product contains some third-party components (listed below). Copies of their licenses may be found at referencing <http://software.dell.com/legal/license-agreements.aspx>. Source code for components marked with an asterisk (*) is available at <http://opensource.dell.com>.

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SharpZipLib

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