

# Quest® IT Security Search 11.3.2

## Release Notes

January 2018

These release notes provide information about the Quest® IT Security Search release.

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## About this release

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

New features in IT Security Search 11.3.2:

- **Delegation of Active Directory recovery privileges to operators**  
You can now configure which operators are allowed to restore backups directly from IT Security Search. The actual recovery functionality is provided by the Recovery Manager for Active Directory connector.

- **Support for new versions of associated products**

The following product versions are supported in this release:

- InTrust 11.3.1
- Change Auditor for Active Directory 6.9.5
- Recovery Manager for Active Directory 9.0
- Active Roles 7.2.1, 7.2

- **Support for TLS 1.2**

IT Security Search can now work in environments where TLS 1.2 is used exclusively.

## New in IT Security Search 11.3.1

- **Support for new versions of associated products**

The following Quest product versions are supported in this release:

- Change Auditor for Active Directory 6.9.4
- Enterprise Reporter 3.0
- Recovery Manager for Active Directory 8.8.1

## New in IT Security Search 11.3

- **Active Roles integration**

IT Security Search now has a connector for Active Roles, giving you access to security audit and management history. Active Roles 7.1 and 7.0 are supported.

- **Saved searches**

The searches you perform on a regular basis can now be saved for future use. Even more usefully, specific terms in such searches can be turned into customizable parameters for easy tweaking.

- **Support for Windows Server 2016**

IT Security Search can be installed on Windows Server 2016.

- **Searching by effective permissions**

Smarter analysis of Enterprise Reporter data lets you search not only by direct permissions on files and folders but also by effective permissions that result from group membership.

- **Support for new versions of associated products**

The following Quest product versions are supported in this release:

- InTrust 11.3
- Change Auditor for Active Directory 6.9.3, 6.9.2, 6.9.1
- Recovery Manager for Active Directory 8.8

- **Detailed documentation for all event fields**

Fields provided by all IT Security Search connectors are now documented in the [IT Security Search User Guide](#). This helps you tailor your searches to suit your data analysis needs precisely.

See also:

- [Enhancements](#)
- [Resolved issues](#)

# Enhancements

**Table 1: General enhancements**

Enhancement	Issue ID
Members of the computer local Administrators group on the IT Security Search server do not automatically become IT Security Search administrators anymore.	857
IT Security Search administrators can now be specified through Active Directory group membership.	887
Facet behavior has been improved: when you click <b>Show more</b> , IT Security Search now displays all filters instead of adding five items at a time.	883
You can now resize columns in the search result table.	834

## Enhancements in IT Security Search 11.3.1

There is now an easy way to fill in the list of repositories in InTrust connector settings. Use the **Select all available repositories** link instead of selecting repositories one by one.

## Enhancements in IT Security Search 11.3

**Table 2: General enhancements**

Enhancement	Issue ID
If an object is outside an operator's explicit scope, information about it should be hidden from the operator.	473
"Whom" field values should be context-sensitive like "Computer " and "Who" field values.	475
Make the "Result" field available for Change Auditor data.	394
Add a details page for events.	533
Improve documentation on SSL certificate requirements.	531
Make the "Organisational Unit" field clickable for computers.	528
Add fields for Office 365-related Change Auditor events.	627

## Resolved issues

The following is a list of issues addressed in this release.

**Table 3: Resolved issues**

Resolved Issue	Issue ID
The IT Security Search installer doesn't check the operating system version.	864
In connector settings, pressing <b>Enter</b> switches tabs if the selected connector is not the first.	844
In the <b>Restore Object</b> dialog box, there is no way to tell whether you are trying to restore the correct attribute.	140
Due to issues in previous IT Security Search versions, you may find yourself in a situation where incorrect Recovery Manager for AD settings are saved. Because of this, IT Security Search can fail to start.	839
An indexing error occurs during collection of computer data from Enterprise Reporter if a computer was removed and added again with the same name in Active Directory.	856
Security vulnerability: you can restore an Active Directory object from an OU that is out of your scope as an IT Security Search operator.	853
When you export results to PDF, some non-ASCII characters are incorrect in the resulting documents.	669

## Previous resolved issues

**Table 4: Resolved issues in InTrust 11.3.1**

Resolved Issue	Issue ID
If you change only the time range (but not the date range) after a search and try to search again, the new search does not start.	690
The <b>Files and folders where this user has permissions (both direct and indirect)</b> action link fails to take <b>Deny</b> permissions into account.	692
There is no "busy" animation on the Security tab to indicate activity.	650
Security vulnerability: if the results of a search contain JavaScript code instead of an attribute value, then this code is executed on the client side during result formatting.	212
If event has a file path in its description, this path is automatically converted to a hyperlink for convenience. However, in Change Auditor events this works only for files, not folders.	821

**Table 5: Resolved issues in IT Security Search 11.3 Updates 1 and 2**

Resolved Issue	Issue ID
If you specify a custom port instead of the default 8087 when you install the IT Security Search Warehouse API component, then the Active Roles connector will not be able to read Active Roles events. A symptom of this is the following error when you try the Test Connection link on the Active Roles connector configuration page:	666

Resolved Issue	Issue ID
<p>Connection error: Data attendant last error 'An error occurred while sending the request.</p> <p>To work around this issue, open the &lt;IT_Security_Search_installation_path&gt;\Connectors\ActiveRoles\ITSS.ARSCconnector.dll.config file and change the port number as necessary in the following line:</p> <pre>&lt;add key="WarehouseHttpPort" value="8087" /&gt;</pre>	
The link to the demo screen for a currently disabled connector doesn't work, because IT Security Search tries to perform a real search instead.	677
If an Active Directory object has been deprovisioned by Active Roles, the link to details about such an object doesn't work.	644
The number shown in the "Results found:" label may not match the number of items actually shown in the grid.	684
The <b>Who has direct or indirect access permissions on this file</b> action link fails to take <b>Deny</b> permissions into account.	576
Clicking <b>Rebuild Index</b> before clicking <b>Apply</b> in Enterprise Reporter connector options causes an error.	654
The event page shows native field names where it should show display names.	656
After you apply a filter by <b>Who</b> , the results pane shows more results than it should.	759
If you are looking at event details and then follow a link to the details for some other record type, then the date range is reset.	760
The default time range should be 00:00 to 23:59.	764
When you select the date range in the calendar control, changing the month above either calendar half also changes the month in the other half.	767

**Table 6: Resolved issues in IT Security Search 11.3**

Resolved Issue	Issue ID
The IT Security Search UI stops working if the authenticated user's display name contains non-ASCII characters.	609
If the account used for connecting to InTrust is denied the rights to log on interactively to the IT Security Search server, the InTrust connector does not work.	554

## 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 7: 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 ( <b>Ctrl+F5</b> ).	—
During the IT Security Search Warehouse installation step of IT Security Search setup, an unused service connection point is created in Active Directory. This operation is skipped if the user account used for installation doesn't have the required privileges. Whether or not the service connection point is created, this has no effect on the installation or operation of IT Security Search.	—

## System requirements

Before installing IT Security Search 11.3.2, 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 11.3.1, 11.3, 11.2
- Change Auditor 6.9.5, 6.9.4, 6.9.3, 6.9.2, 6.9.1, 6.9, 6.8, 6.7
- Enterprise Reporter 3.0, 2.6, 2.5.1
- Recovery Manager for Active Directory 9.0, 8.8.1, 8.8, 8.7.1, 8.7
- Active Roles 7.2.1, 7.2, 7.1, 7.0

## Software Requirements

- Operating system:
  - Microsoft Windows Server 2016
  - Microsoft Windows Server 2012 R2
  - Microsoft Windows Server 2012
  - Microsoft Windows Server 2008 R2

- Additional software:
  - Microsoft .NET Framework 4.6.2 or later
  - Microsoft Windows PowerShell 3.0 or later
  - Microsoft SQL Server 2012 or later (all editions)  
This is a requirement of the IT Security Search Warehouse component, which needs it for internal configuration management.
- 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`
- Additional requirements for the Active Roles connector:
  - Active Roles Management Tools
  - The PowerShell script execution policy must be set to **RemoteSigned**.

## Browser Compatibility

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

- Microsoft Edge
- Microsoft Internet Explorer 11
- 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

Object type	Size of an index entry	Number of objects	Size of the index
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, Recovery Manager for Active Directory and Active Roles. Do not install IT Security Search on any of those systems' servers.

## Product licensing

This product does not require licensing.

## Upgrade and installation instructions

### Installation instructions

To set up IT Security Search, run the **ITSearchSuite.exe**. 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 Quest Software Improvement Program. For details, see [Feedback on IT Security Search](#).

### Upgrade instructions

Upgrade is supported for IT Security Search 11.3.1, 11.3, 11.2.1, 11.2 and 11.1.

To upgrade IT Security Search, simply install the new version on top of the previous one.

## More 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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- View services to assist you with your product

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**Table 8: List of Third-Party Contributions**

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