



# Alloy Discovery Enterprise 8.2.6 Release Notes

Version 8.2.6 of Alloy Discovery is a maintenance release. It updates Alloy Audit Tools and resolves several issues reported in previous versions.



For instructions on how to upgrade to the latest version, see [“Upgrade Instructions” on page 6](#).

## What’s New in This Version

This section describes most significant changes implemented within version 8.

### Version 8.2.6

#### AUDIT TOOLS

Alloy Audit Tools have been updated to version 6.2.2. The new version includes the following changes:

- Improved support for Windows:
  - Implemented proper detection of Windows 10 2019 LTSC (Long-Term Servicing Channel).
  - Fixed the issue with running the Inventory Analyzer on Windows XP Professional machines.
  - Now Windows service names are captured in the audit snapshot.
- Resolved the issue with incorrectly reporting VRAM size on graphics cards with more than 4 GB of on-board memory.
- Added detection of serial numbers for Autodesk AutoCAD 2020 and Microsoft Visual Studio 2019.
- Resolved the issue with the Direct Network Scan failing to audit Linux distributions with Linux kernel 5.0.
- The **Audit Progress** window has been updated with a modern look and feel.
- Some labels in the **Event Log** section of audit snapshots have been updated to match the corresponding column headers in the Windows Event Viewer.

## RESOLVED ISSUES

- This version resolves a potential vulnerability that could allow users to impersonate technicians with Windows accounts.
- Resolved an error that could occur when Computers with very long names were involved in conflicts.

## Version 8.2.4

## DISCOVERY AND AUDIT

Alloy Audit Tools, used to detect and identify hardware and computer equipment on the network, has been updated to version 6.2.0. The new version includes following changes:

- Improved support for hypervisors:
  - Added support for VMware ESXi 6.7 and later.
  - Added support for Citrix XenServer 7.4 and later.
- Added the ability to detect and report on Microsoft Store applications.
- Added detection of installation keys and serial numbers for latest Microsoft products:
  - Microsoft Windows 10 October 2018 Update (version 1809)
  - Microsoft Windows Server 2019
  - Microsoft Office 2019
  - Microsoft Project 2019
- Added detection of Microsoft Visual Studio installation keys and serial numbers.
- Added the ability to detect Microsoft SQL Server version and build number.
- Improved detection of substituted (virtual) drives. Now in the **Peripherals > Disk Drives** section you can see whether a logical disk was created via the SUBST command.
- The total amount of system memory displayed in the **System Overview** section is being reported more accurately for Windows computers.
- Added support for macOS Mojave (version 10.14).
- Expanded the number of network device manufacturers recognized by the Inventory Analyzer.
- Now the Inventory Analyzer bypasses the Recycle Bin during file scans.
- Linux audit improvements:
  - The **Network > Network Adapters** section now shows DNS names of network adapters.

- Expanded the level of hardware detail. The **Hardware > System BIOS and Chassis** section now shows information about OEM Strings, BIOS Serial Number, and BIOS Asset Tag. The **Hardware > Slots** section displays information about system slots.
- The **User > User Accounts** section now shows account groups.
- The Audit Snapshot Viewer now supports quick search in all tables. Press CTRL+F to reveal the filter box in the grid's upper right corner.
- The Audit Snapshot Viewer now can be set as the default program for opening .adt snapshot files.

## RESOLVED ISSUES

- Resolved issue with screenshot display window within the Alloy Remote Screenshot built-in external tool. Its title bar no longer disappears when the window is maximized. The Minimize, Maximize/Restore, and Close buttons remain available.

## Version 8.2.3

### AUDIT TOOLS

- Alloy Audit Tools, used to audit computers and display audit results, have been updated to version 6.1.4.

## RESOLVED ISSUES

- In earlier versions, the user could receive an ambiguous error message *"Logon Failure: the user has not been granted the requested logon type at this computer."* This happened when the Database Account did not have appropriate rights for the local computer. The error message has been improved to provide specific instructions on resolving the issue.

## Version 8.2.2

### PERFORMANCE

- The new version offers enhanced overall performance.

## RESOLVED ISSUES

The most important issues resolved in this version are listed below.

### Software Recognition

- The new version fixes the issue with duplicating Software Products records. To address this issue, the logic of software recognition rules has been changed. Now strict Registry Conditions (conditions without wildcards) take precedence over non-strict Registry Conditions (conditions with wildcards for character substitution). This means that if a product in the Registry matches any strict Registry Condition, all non-strict Registry Conditions ignore that product.

## Appearance

- Fixed UI issues (such as cropped controls and icons, cut off text, etc.) occurred when increasing the font size in Windows by more than 100% of the defaults.

## Version 8.2

### USER INTERFACE

#### Easier Working with Views

Switching between views and searching in grids is more intuitive now. The drop-down list of views has been moved to a more expected place: the upper left corner of the Module menu, immediately above the grid.

### DOCUMENTATION

#### Faster, Relevant, Anywhere Help

We've moved our already powerful context-sensitive help system online to ensure up-to-the-minute information and speedy search you can access anytime — <https://docs.alloysoftware.com>.

### CONFIGURATION MANAGEMENT

#### Drive Solid State Data

Now not only can you understand the utilization of hard drive space, but now you can easily recognize which computers are using solid state technology.

### DISCOVERY AND AUDIT

#### OS Recognition Improvements

Recognizing operating systems has never been faster which means you'll see decreased auditing time and faster turnaround in getting you the critical information you need.

#### Device Detection Improvements

Not only can you now detect a wider variety of printers and NAS devices, but you can expect more detailed information such as the hardware's manufacturer.

#### Details to the Switch Port

Now you can get complete end-to-end port mapping information for discovered switches ensuring you understand not only what switches you have, but what devices are connected to which port.

## ADMINISTRATION

### Reduced Management, Increased Security

Previous versions required multiple SQL Server accounts with elevated permissions, but now you'll only need a single account, reducing administration and providing greater security.

### One-Click Activation

Upgrading your license has never been easier, whether you're upgrading or adding new technicians. No more fiddling with license files, just activate your product over the internet.

### Maximize Technician Usage

The account utilization chart will help you quickly understand how your technicians work, resulting in a solid strategy for leveraging concurrent licensing and reducing IT costs.

## Version 8.0

## USER INTERFACE

### Improved Advanced Filter

The process of creating complex filtering expressions in data views (grids) has been simplified. The Filter Builder's UI has been redesigned and now supports drag-and-drop operations.

### Customizable Advanced Filter for Shared Views

Now technicians can temporary customize the Advanced Filter for shared views. Changes are kept during the user's session. Users with the Local View Management permission can save their changes to local copies of shared views.

## DISCOVERY AND AUDIT

### Chromebook Inventory

Alloy Discovery leverages Google API to extract Chromebook data and save it to the database. Now you can collect and report on inventory data, and perform system management tasks on Chrome devices. This integration provides you with conveniently consolidated view of your entire Windows, Mac, Linux, and Chromebook computers, as well as mobile and other networked devices providing even more comprehensive asset management capabilities.

### Information About Scheduled Tasks

Now Alloy Discovery is able to scan the Windows Task Scheduler and retrieve information about all tasks scheduled on audited computers. To enable the collection of the new data, you should turn on the corresponding option in the audit profile.

## SOFTWARE RECOGNITION

### Software Recognition Based on Custom Registry Keys

Now you can create software recognition rules based on custom Registry keys. This will help differentiate software editions, such as Adobe Acrobat Standard and Adobe Acrobat Pro.

### Recognition of Cross-Platform Software Products

Now Alloy Discovery distinguishes products running on different platforms but having the same Product Name, Version, and Publisher (such as Adobe Acrobat for Windows and for Mac).

### Immediate Evaluation of Discovered Installations

After making changes to software recognition rules, you no longer have to wait until computers have been audited again for your changes to take effect. Now you can immediately force the recalculation of discovered installations and get up-to-the-minute results.

## Upgrade Instructions

Upgrade instructions depend on the product version which you are upgrading from.

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