

Recast

BitLocker Recovery Keys

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Retrieve All BitLocker Keys

Using the **Retrieve All BitLocker Keys** tool, you can view and copy current recovery passwords for all the sources where you have configured BitLocker keys — Configuration Manager, Active Directory, MBAM, and Entra ID.

Prerequisites

- Right Click Tools Enterprise license
- Right Click Tools Console Extension installed
- Entra ID set up for Right Click Tools, if retrieving recovery keys from that source

Permissions

Plugin	Permissions
Administration	ListActiveDirectoryServiceConnections ListMemcmServiceConnections ListAzureActiveDirectoryServiceConnections ListMbamServiceConnections
ConfigMgrServer	GetBitLockerRecoveryKeys
ActiveDirectory	GetBitLockerRecoveryData
MBAM	GetRecoveryKeysForDevice

To run the tool:

1. Right-click on a single device, multiple devices, or device collection.
2. Select **Right Click Tools > Security Tools > Retrieve All BitLocker Keys**.

The **BitLocker Recovery Keys from Configured Sources** window displays the Key Source, Recovery Key, Recovery Key ID, Date Created, and any Error.

You can copy a recovery key by right-clicking on an entry and choosing **Copy Key to Clipboard**.

TIP: If Right Click Tools is connected to a Recast Management Server, you can edit the sources from which the tool will retrieve recovery keys by disabling individual BitLocker Search options in your **Recast Management Server Settings**. Be sure to restart your Configuration Manager console after editing recovery key sources.

ConfigMgr BitLocker Recovery Keys

The **ConfigMgr BitLocker Recovery Keys** tool lets you retrieve current recovery passwords stored in Configuration Manager.

Required Permissions

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Plugin	Permissions
ConfigMgrServer	GetBitLockerRecoveryKeys

To run the tool:

1. Right-click on a device name.
2. Select Right Click Tools > Security Tools > ConfigMgr BitLocker Recovery Keys.

The **ConfigMgr BitLocker Keys** window that opens displays the following information:

- Machine Name
- Recovery Key
- Recovery Key ID
- Error

3. Right-click on a Recovery Key ID and click **Copy Key to Clipboard**.

AD BitLocker Recovery Keys

The **AD BitLocker Recovery Keys** tool lets you view current recovery passwords and their detailed history.

To run the tool:

1. Right-click on a device name.
2. Select Right Click Tools > Security Tools > AD BitLocker Recovery Keys.

The **AD BitLocker Keys** window that opens displays the history of the recovery password including the dates when it was created and last changed.

See also [Delegate Access to BitLocker Recovery Keys in Active Directory](#)

Required Permissions

Plugin	Permissions
ActiveDirectory	GetBitLockerRecoveryData

MBAM BitLocker Recovery Keys

The **MBAM BitLocker Recovery Keys** tool allows you to request new MBAM recovery keys.

 You can also request new MBAM recovery keys using the [Retrieve All BitLocker Keys](#) tool.

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Permissions

Plugin	Permissions
MBAM	GetRecoveryKeysForDevice

To run the tool:

1. Right-click on a device name.
2. Select Right Click Tools > Security Tools > MBAM BitLocker Recovery Keys.
3. In the **MBAM Recovery Key Request** window, select the reason for requesting MBAM recovery keys.

Reasons include:

- Operating System Boot Order changed
- BIOS changed
- Operating System files modified
- Lost Startup Key
- Lost PIN
- TPM Reset
- Lost Passphrase
- Lost Smartcard
- Other

4. Click **Request Key(s)**.

TIP: You can copy a recovery key by right-clicking on an entry and choosing **Copy Key to Clipboard**.

Entra ID BitLocker Recovery Keys

The **Entra ID BitLocker Recovery Keys** tool lets you retrieve current recovery passwords stored in Microsoft Entra ID (formerly Azure Active Directory). This tool requires a connection to your Recast Management Server.

NOTE: This action currently works for comanaged devices.

Prerequisites

- Recast Management Server installed with Recast Proxy
- Recast Software Version 5.6.2407.1103 or later
- Users or user groups delegated access to view BitLocker Keys in Entra ID
- The following permissions added in the Microsoft Graph API for the application:
 - Delegated permissions
 - User.Read
 - BitlockerKey.Read.All
 - BitlockerKey.ReadBasic.All
 - DeviceManagementConfiguration.Read.All
 - DeviceManagementManagedDevices.Read.All

Application permissions

- Device.Read.All

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For more information, see our article on [setting up Graph API permissions for Right Click Tools](#).

- Service connection added from your Recast Management Server to Entra ID (Azure Active Directory)

Run the Entra ID BitLocker Recovery Keys Tool

To run the tool:

1. Right-click on a device name.
2. Select **Right Click Tools > Security Tools > EntralID BitLocker Recovery Keys**.

The **EntralID BitLocker Keys** window that opens displays the following information:

- Machine Name
- Recovery Key
- Recovery Key ID
- Date Created
- Error

3. Right-click on a Recovery Key ID and click **Copy Key to Clipboard**.
