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1 About Sophos Central Device Encryption

Sophos Central Device Encryption allows you to manage BitLocker Drive Encryption on Windows endpoints and FileVault encryption on Mac endpoints via Sophos Central. Encrypting hard disks keeps data safe, even when a device is lost or stolen.

This guide describes how to set up and use Device Encryption. It also covers how to retrieve your recovery key using the Self Service Portal. For details of the Sophos Central policy settings, alerts, and recovery via Sophos Central, see the Sophos Central Admin Help.
2 Managing BitLocker Drive Encryption

This section describes the prerequisites for using BitLocker Drive Encryption on the Windows endpoints in your network, the various authentication modes available, and how they interact with the proprietary group policy settings.

2.1 Migrate to Sophos Central Device Encryption

If you are already using SafeGuard Enterprise with BitLocker Drive Encryption or Sophos Full Disk Encryption this section describes how to migrate to Sophos Central Device Encryption. It covers:

- SafeGuard Enterprise & BitLocker
- SafeGuard Enterprise & Sophos Full Disk Encryption

For information on migrating Mac endpoints, see Migrate to Sophos Central Device Encryption (Mac) (page 11).

2.1.1 Migrate from SafeGuard Enterprise BitLocker

**Note:** If you are using BitLocker with SafeGuard Enterprise version 6.x or 7.x, we recommend that you upgrade to the newest version of SafeGuard Enterprise first.

If you are using SafeGuard Enterprise version 6.x or 7.x, you must decrypt the system disk following the steps in the SafeGuard Enterprise Administrator Help before you can migrate to Sophos Central Device Encryption.

To migrate from a SafeGuard Enterprise BitLocker Client (version 8.0 or higher) to Sophos Central Device Encryption:

1. Go to Control Panel > Uninstall a program and right-click Sophos SafeGuard Client.
2. Select Change from the right-click menu.
   The Sophos SafeGuard Client Setup wizard opens.
3. Uninstall the BitLocker component.
   **Note:** Removing the BitLocker component does not decrypt your volumes or files.
4. Install the Sophos Central Device Encryption software.
5. Make sure that a Sophos Central Device Encryption policy is assigned to the endpoint and activated.

You can now manage BitLocker using Sophos Central. You do not need to re-encrypt. Once you have applied a Sophos Central Device Encryption policy to the endpoint, the recovery key is renewed and sent to Sophos Central.

**Note:** File encryption functionality remains unchanged.
2.1.2 Migrate from Sophos Full Disk Encryption

To migrate from Sophos Full Disk Encryption:

1. Uninstall the Sophos SafeGuard Client software.
   Encrypted volumes are decrypted automatically. Encrypted files remain encrypted.

2. Install the Sophos Central Device Encryption software.

3. Make sure that a Sophos Central Device Encryption policy is assigned to the endpoint and enabled.

4. Re-install the required Sophos File Encryption module (Synchronized Encryption or Location Based File Encryption).

You can now manage BitLocker using Sophos Central. Once you have applied a Sophos Central Device Encryption policy to the endpoint, encryption starts in the background and the recovery key is renewed and sent to Sophos Central.

2.2 Prepare Device Encryption

By default, most system drives are prepared for BitLocker. If this is not the case, Sophos Central Device Encryption automatically runs the required Microsoft command line tool (BdeHdCfg.exe) to prepare the drive. This means that a separate BitLocker partition is created on the system drive.

During setup of Sophos Central Device Encryption, a message informs the user that a restart is required to prepare the system drive. The user can choose to restart the computer immediately or postpone the operation. Device Encryption can only start when the computer is restarted and the preparation of the system drive has been successful.

2.3 Device Encryption step by step

Before users can start:

- The Sophos Central agent software must be installed on the endpoints.

- A Device Encryption policy must be configured and enabled in Sophos Central.

- Users must log on to their endpoints to have them connected to and synchronized with Sophos Central.

- The operating system must support BitLocker Drive Encryption. For more information, see Prepare Device Encryption (page 5) and Device Encryption system compatibility (page 6).

These instructions tell you what users will see and what they need to do:

1. If the TPM security hardware is not yet enabled, a BIOS action is triggered to enable it. This requires a restart. The user can restart immediately or postpone the restart.

   During the restart, the user is prompted to enable the TPM. If the TPM cannot be enabled or the user does not respond, a message is displayed.
2. If the TPM is active and enabled but not owned, the Sophos Central agent software automatically generates and sets TPM owner information. An alert is sent to Sophos Central if this fails.

3. If endorsement keys of the TPM are missing, the Sophos Central agent software automatically creates them. An alert is sent to Sophos Central if this fails.

   **Note:** Not all manufacturers deliver TPM security hardware with preconfigured keys.

4. The user sees the **Sophos Device Encryption** dialog.
   - The dialog tells the user that a restart is necessary to enable encryption.
   - If the Sophos Central policy specifies **Require startup authentication**, the user has to define a PIN, passphrase, or USB key to protect the system drive. From now on, they will have to use this each time they log on. If **TPM+PIN** (page 8) is used, the encryption key for the system disk will be stored in the TPM.

   **Note:** Users need to be careful when setting a passphrase. The pre-boot environment only supports the US-English keyboard layout. So if they set a PIN/passphrase now (in Windows) with special characters, they might have to use different keys when they enter it to log on.

   **Note:** The user can select **Postpone** to close the dialog. However, it will appear again next time the user logs on or when you change the encryption policy.

   **Note:** You can see which users have not yet enabled encryption. Look in the **Reports** section in the Sophos Central Admin console.

5. When the user clicks **Restart and Encrypt**, the computer restarts and checks that Device Encryption works.

   **Note:** If the user cannot enter the correct PIN/passphrase, they can press the **Esc** key. The system boots normally since encryption has not been applied yet. The user is asked to try to enter the PIN/passphrase again after logon.

6. If the pre-boot test has been successful, the Sophos Central agent software starts encrypting the fixed disks. Encryption happens in the background, allowing users to work with their computer as usual.

   **Note:** If the hardware test fails, the system reboots, encryption will not be enforced and an event will be sent to Sophos Central to notify you.

After the Sophos Central agent has encrypted the system volume, the encryption of the data volumes is started. Protection for these volumes is stored on the system volume, so that data volumes are available automatically after startup. This means that when a user logs on to their computer, the data volumes can be accessed without any further user interaction. Removable data volumes, for instance USB keys, are not encrypted.

### 2.4 Device Encryption system compatibility

The table below gives an overview of which protection types are supported on which platform. The protection type applied depends on the Windows version and whether TPM security hardware is available. The number in brackets describes the priority of the specific protection type.
(*) When **Require startup authentication** is enabled, the installation of TPM-only protection is not possible and therefore TPM+PIN is the first priority.

<table>
<thead>
<tr>
<th></th>
<th>Win 7 no TPM</th>
<th>Win 7 with TPM</th>
<th>Win 8 no TPM</th>
<th>Win 8 with TPM</th>
<th>≥Win 8.1 no TPM</th>
<th>≥Win 8.1 with TPM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TPM-only</strong></td>
<td>-</td>
<td>ok (1*)</td>
<td>-</td>
<td>ok (1*)</td>
<td>-</td>
<td>ok (1*)</td>
</tr>
<tr>
<td><strong>TPM+PIN</strong></td>
<td>-</td>
<td>ok (2)</td>
<td>-</td>
<td>ok (2)</td>
<td>-</td>
<td>ok (2)</td>
</tr>
<tr>
<td><strong>Passphrase</strong></td>
<td>-</td>
<td>-</td>
<td>ok (1)</td>
<td>ok (3)</td>
<td>ok (1)</td>
<td>ok (3)</td>
</tr>
<tr>
<td><strong>USB key</strong></td>
<td>ok (1)</td>
<td>ok (3)</td>
<td>ok (2)</td>
<td>ok (4)</td>
<td>ok (2)</td>
<td>ok (4)</td>
</tr>
</tbody>
</table>

**Note:** When Windows FIPS Mode is enabled, BitLocker encryption is only supported on systems with Windows 8.1 or higher. For detailed information on BitLocker in FIPS mode on Windows 7, see [https://support.microsoft.com/en-us/kb/2990184](https://support.microsoft.com/en-us/kb/2990184).

### 2.5 Device Encryption authentication modes

You can use the **Require startup authentication** switch in the Device Encryption settings to control whether users need to authenticate when they log on to their computers. The authentication mode installed on the computers depends on the system, the BitLocker group policy settings (page 9), and the configured Device Encryption policy. Depending on the Device Encryption system compatibility (page 6), one of the following authentication modes will be installed on the endpoints:

- **TPM+PIN** (page 8)
- **Passphrase** (page 8)
- **TPM-only** (page 8)
- **USB key** (page 9)

On endpoints that are already encrypted with BitLocker, a message informs users about the required steps.

When you turn on **Require startup authentication** users are prompted to define a PIN / passphrase / USB key and click **Apply**. They will have to use this PIN / passphrase / USB key every time they start the computer after that. When you turn off **Require startup authentication** TPM-only mode is applied automatically and no additional authentication is required. Users are informed that their computer will unlock the device automatically when it starts up.

Sophos Device Encryption can automatically configure the group policy object (GPO) so that all authentication modes are allowed, provided that the corresponding setting is set to **not configured**. When you configure the setting manually, the software does not overwrite these definitions. For more information, see [BitLocker group policy settings](page 9).

Users can decide to postpone the installation of the authentication modes. In this case, no encryption takes place. Whenever a user logs back on to Windows or when you deploy a new
encryption policy, the system prompts the user to restart the computer. After the restart, the authentication mode is installed and Device Encryption starts. Users will not be able to decrypt their devices after that.

2.5.1 TPM+PIN

The TPM+PIN mode uses the computer's TPM security hardware and a PIN as authentication. Users have to enter this PIN in the Windows pre-boot environment every time the computer starts. TPM+PIN requires a prepared TPM and the GPO settings of the system must allow the TPM+PIN mode.

If all conditions are met, the TPM+PIN setting dialog will be displayed and the user is prompted to define a PIN. The user can click **Restart and Encrypt** to immediately reboot the computer and start encryption.

If the GPO setting **Allow enhanced PINs for startup** is enabled, the PIN may include numbers, letters, and special characters. Otherwise, only numbers are allowed.

PINs for BitLocker are between 4 and 20 characters in length. You can define a higher minimum length through a group policy. The Sophos Central agent software sets the group policy to allow enhanced PINs. The dialog tells the user which characters may be entered and what minimum/maximum lengths are allowed.

**Note:** All users of a specific Windows computer need to use the same PIN to unlock the system disk. After that, they log on to the operating system with their individual credentials. Single sign-on is not supported for Windows computers.

2.5.2 Passphrase

For authentication at endpoints without TPM security hardware, a passphrase can be used. Users have to enter this passphrase in the Windows pre-boot environment every time the computer starts.

Passphrase protection requires Windows 8.0 or higher and the GPO settings of the system must allow the passphrase mode.

If all conditions are met, the passphrase setting dialog will be displayed and the user is prompted to define a passphrase of 8-100 characters in length. The user can click **Restart and Encrypt** to immediately reboot the computer and start encryption.

2.5.3 TPM-only

The TPM-only mode uses the computer's TPM security hardware without any PIN authentication. This means that the user can start the computer without being prompted for a PIN in the Windows pre-boot environment.

TPM-only requires a prepared TPM and the Device Encryption policy setting **Require startup authentication** must be disabled. Furthermore, the GPO settings of the system must allow TPM-only protection.

If all conditions are met, the TPM-only protection installation dialog will be displayed. The user can click **Restart and Encrypt** to immediately restart the computer and start encryption.
2.5.4 USB key

The USB key mode uses a key stored on a USB flash drive for authentication. For every startup, the USB flash drive must be connected to the computer.

USB key protection is used on Windows 7 endpoints if no TPM is available or if it is disabled via GPO.

The USB flash drive must be formatted with NTFS, FAT, or FAT32. The exFAT format is not supported. Furthermore, the USB flash drive must be writable.

If all conditions are met, the USB key protection installation dialog will be displayed and the user must select a connected USB flash drive that will be used to store the key.

The user can click Restart and Encrypt to immediately restart the computer and start encryption.

2.6 BitLocker group policy settings

Sophos Central defines some group policy settings automatically, so that administrators don’t have to prepare computers for device encryption. If settings have already been defined by administrators, configured values will not be overwritten.

In the Local Group Policy Editor under Computer Configuration > Administrative Templates > Windows Components > BitLocker Drive Encryption > Operating System Drives, you find the following policies:

<table>
<thead>
<tr>
<th>Policy</th>
<th>Setting</th>
<th>Value set by Sophos Central</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Require additional authentication at startup</td>
<td>Allow BitLocker without a compatible TPM</td>
<td>Checked</td>
<td>This is set for Windows 8 if no TPM is available, to allow using a password on startup to unlock the system disk.</td>
</tr>
<tr>
<td>Require additional authentication at startup</td>
<td>Configure TPM startup PIN</td>
<td>Allow startup PIN with TPM</td>
<td>If the Device Encryption policy setting Require startup authentication is set and the system has a TPM, then this group policy setting will be set to allow protection of the system drive by TPM, with additionally asking the user for a PIN.</td>
</tr>
<tr>
<td>Allow enhanced PINs for startup</td>
<td>n/a</td>
<td>Enabled</td>
<td>This is set to allow using alphanumeric PINs to protect the system drive with TPM. If this can't be set, only digits are allowed.</td>
</tr>
</tbody>
</table>

- Encryption algorithm to be used: By default, Sophos Central Device Encryption uses AES-256. There is a group policy setting that can be used to select AES-128.
- PIN/password requirements: There are group policy settings that can be used to set a minimum PIN/password length and to require complex passwords.
Encrypt all data or used space only: If the group policy for boot volumes and/or data volumes is set to require full data encryption, it overrides any Sophos Central policy that allows encryption of used space only.

Some group policy settings may conflict with Sophos Central so that encryption cannot be enabled. In that case, an event is sent to Sophos Central.

Smart card required: If a group policy requires a smart card to be used for BitLocker, this is not supported by Sophos Central and generates an error event.

Encrypt all data or used space only: If the group policy for boot volumes and/or data volumes is set to encrypt used space only but Sophos Central policy requires full encryption, this generates an error event.

Note:
If you want to encrypt tablet devices (such as the MS Surface Pro) and use startup authentication, you need to enable the following group policy setting:

**Enable use of BitLocker authentication requiring preboot keyboard input on slates**

For more information, see Sophos knowledgebase article 125772.


### 2.7 Limitations

**Dynamic Disks**

BitLocker does not support dynamic disks. The endpoints send an event to Sophos Central to notify you that encryption failed. This is because a system volume on a dynamic disk cannot be encrypted. Data volumes on dynamic disks are simply ignored.

**Remote Desktop**

When using a Windows endpoint through Remote Desktop that has the Sophos Central agent software installed, no dialogs are displayed and device encryption will NOT be enforced if an encryption policy is deployed. Enabling encryption would result in a reboot sequence to verify compatibility of the hardware. The user needs to be able to enter PIN / passphrase in the pre-boot environment and this cannot be done through Remote Desktop.

### 2.8 About decryption

You don't usually need to decrypt. If you need to exclude an encrypted endpoint from encryption you can do this by removing all of its users from the policy and then turning encryption off. In Windows Explorer (on the endpoint), right-click on the system disk and select **Manage BitLocker**. In the **BitLocker Drive Encryption** dialog, click **Turn off BitLocker**. Only a Windows Administrator can perform this operation.

If an encryption policy is applied and a user, with administrative privileges, attempts to manually decrypt their hard disk Sophos Central overrides the user's command and the disk will remain encrypted.
3 Managing FileVault Encryption

Sophos Central Device Encryption for Mac manages the FileVault full disk encryption functionality on your Macs. Users only need their macOS login password to encrypt and access their data.

3.1 Migrate to Sophos Central Device Encryption (Mac)

If you want to use Sophos Central to manage Mac endpoints that are already encrypted with FileVault, you need to apply a Sophos Central Device Encryption policy to these endpoints.

**Note:** If you are using FileVault with SafeGuard Enterprise, you must uninstall the Sophos SafeGuard Device Encryption software first.

Before users can start:

- The Sophos Central agent software must be installed on the endpoints.

- A Device Encryption policy must be configured and enabled in Sophos Central.

- Users must log on to their endpoints and have them connected to and synchronized with Sophos Central.

**Important:** Without a connection to Sophos Central, the recovery key cannot be stored. If users restart their computer without the key safely stored and forget their password, they cannot access their computer. Recovery is not possible in this case.

These instructions tell you what users will see and what they need to do:

1. When users log on or when you apply a Sophos Central Device Encryption policy while the users are logged on, users are informed that Device Encryption has been set up to protect their computers.

2. To enable Sophos Central Device Encryption, users need to enter their login password and click **Create key**.

   A new recovery key is created and stored centrally for recovery purposes. If there are other unencrypted internal disks, those disks are encrypted as well. You do not need a separate disk password for them.

3. If there are internal disks that are already encrypted with a disk password, users are prompted to enter the disk password and click **Proceed**.

   The disk password is now managed by Sophos Central. The disk will be unlocked automatically during startup.

The endpoint is now managed by Sophos Central Device Encryption.
3.2 Device Encryption step by step (Mac)

Before users can start:
- The Sophos Central agent software must be installed on the endpoints.
- A Device Encryption policy must be configured and enabled in Sophos Central.
- Users must log on to their endpoints and have them connected to and synchronized with Sophos Central.

Important: Without a connection to Sophos Central, the recovery key cannot be stored. If users restart their computer without the key safely stored and forget their password, they cannot access their computer. Recovery is not possible in this case.

These instructions tell you what users will see and what they need to do:

1. When users start their Mac, they are prompted to enter their login password to enable Sophos Device Encryption.
   Users can choose to Postpone the action or Encrypt their system disk.

2. If users enter their login password and click Encrypt, the recovery key is stored both locally in the keychain and in Sophos Central.
   Note: If the recovery key could not be stored in Sophos Central, no restart notification is displayed. Users must not restart their computer until it was successfully stored.

3. As soon as the recovery key is stored in Sophos Central, users are prompted to Restart their computer.
   After the restart, the encryption of the system disk begins.

4. When the system disk is encrypted, the internal data volumes are automatically encrypted.
   Encrypted disks are automatically unlocked during startup of the computer.
   Notifications inform the users about the encryption status of the individual disks.

3.2.1 Add FileVault users

FileVault is user-based and every user of a specific endpoint needs to be enabled separately. When users with an active policy log in to a Mac with the Sophos Central Device Encryption software installed, they are added to FileVault automatically.

These instructions tell you what users will see and what they need to do:

1. When new users start their Mac, they are prompted to enter their login password and click Proceed.
   Users can normally use their macOS login password to access their Mac and use FileVault.

2. If there is no recovery key stored in Sophos Central yet, new users must select an existing FileVault user who can authorize this task.

3. The existing FileVault user then needs to enter their login password and click Proceed.
   New users can now use their macOS login password to access their Mac and use FileVault.
3.3 Recover Mac endpoints with Sophos Central Device Encryption

If users forget their login password, there are several options to recover their Mac and regain access to their data.

- A computer where the user was the last one to be logged on can be recovered using the Sophos Self Service Portal, see Retrieve recovery key via Self Service Portal (page 16).
- Users can start their computer with an external Mac startup disk and then use Terminal commands to unlock the disk, see Unlock encrypted volumes with Terminal commands (page 13).
- Users can start their computer in target disk mode and then use Terminal commands to unlock the disk, see Unlock encrypted volumes with Terminal commands (page 13).
- Users can start their computer with macOS Recovery and then use Terminal commands to unlock the disk, see Unlock encrypted volumes with Terminal commands (page 13).
- Users can recover their computer with the assistance of their administrator. These instructions tell you what users will see and what they need to do:
  1. Switch on their computer and wait until the **Recovery Key ID** is displayed.
     
     **Note:** The recovery key ID is displayed only for some minutes. To display it again, users must restart their computer.
  2. Call the administrator and tell them the **Recovery Key ID**.
     
     The administrator can tell the user the recovery key. For help on retrieving a key for one of your users, see the Sophos Central Admin Help.
  3. Click the question mark icon in the **Password** field.
     
     A message is displayed.
  4. Click the arrow icon next to the message to switch to the recovery key field.
  5. Enter the recovery key, then follow the onscreen instructions to create a new password.
  6. When prompted, click **Create New Keychain**.

Users can access their computer's startup volume again.

3.3.1 Unlock encrypted volumes with Terminal commands

These instructions tell you what users will see and what they need to do:

1. Open the **Terminal** application and run `diskutil corestorage list`.
   
   A list of all connected volumes is displayed.
2. Search for the volume name (LV Name) they want to recover and note the Logical Volume identification.
3. Call the administrator and ask for the recovery key using the Logical Volume identification as recovery key ID.

The administrator can tell the user the recovery key. For help on retrieving a key for one of your users, see the Sophos Central Admin Help.

4. Enter the recovery key in the disk password dialog to unlock the disk.

Alternatively, users can use the command `diskutil corestorage unlockVolume` and enter the recovery key in the Terminal application to unlock the disk.

The disk can now be accessed in Finder.

3.3.2 Error: Failed to store the recovery key

In rare cases, the system may fail to store the recovery key locally (in the keychain) or in Sophos Central. This means that the machine is not recoverable if users forget their password. To mitigate this risk, an error message with the recovery key is displayed and the user is prompted to make a copy of the recovery key.

The system will repeatedly attempt to store the recovery key in Sophos Central. As soon as this is successful, users are informed that a new recovery key is now managed by Sophos Central and that they can destroy their copy of the recovery key.

3.4 Accessing Device Encryption status (Mac)

Users can access information on the encryption status using the Sophos Device Encryption application. It is installed to the Applications directory and can be launched via Finder, Launchpad or Spotlight.

The Sophos Device Encryption application provides the following information:

- Policy status: The first line tells users whether or not their endpoint is managed by Sophos Device Encryption.
- User status: The second line tells users what they can and cannot do.
- Disk status: A list of all internal disks is displayed. If the disk name is grayed out, the disk is currently not mounted. An icon next to the disk name indicates the status of the disk. The following statuses are available:
  - Green: The disk is fully encrypted and the recovery key is stored centrally.
  - Yellow: The disk is fully encrypted, but the recovery key is not stored in Sophos Central. This may happen when Sophos Central is currently not reachable. If encryption of the disk is not required, the recovery key may not exist at all. This is usually the case when the disk is not managed by Sophos Central Device Encryption and it was encrypted using operating system tools.
  - Yellow + exclamation mark: The disk is fully encrypted, a policy exists which requires that the disk is encrypted, but there is no recovery key available.
  - Red: The disk is not encrypted, but a policy is active which requires that the disk must be encrypted.
Gray: The disk is not encrypted and the policy does not require encryption or there is no policy at all.

- Status bar + Encrypting: The disk is currently being encrypted.
- Status bar + Decrypting: The disk is currently being decrypted.

**Note:** If a user with administrative privileges on a Mac endpoint attempts to manually decrypt their hard disk with an encryption policy applied, Sophos Central cannot override this and the disk will be decrypted. When the decryption is complete the user is asked for their password to enable FileVault and the disk will be encrypted again.

- Recovery status: At the bottom of the window, users are informed whether recovery keys are available for their disks.

Alternatively, you can access information on the Device Encryption status via a command line tool. The tool is installed to `/usr/local/bin/seadmin`. The following commands are available:

- `help`: Displays a list of available commands.
- `status`: Displays the last synchronization of the encryption software and the synchronization interval.
- `--device-encryption`: Displays the current encryption policy and the encryption and recovery status of all internal disks.
4 Retrieve recovery key via Self Service Portal

If users cannot log on to their computer (forgot BitLocker PIN, macOS password, etc.), they can use the Sophos Self Service Portal to retrieve a recovery key. With the recovery key, they can gain access to their computer's startup volume again.

**Note:** The recovery of non-startup volumes under Windows is not supported. For details about recovering non-startup volumes on Mac, see Unlock encrypted volumes with Terminal commands (page 13).

To enable users to recover their computers in the Self Service Portal, go to **Sophos Central > People > Users**, select one or more users and click the **Email Setup Link** button. In the following dialog, select **Sophos Central Self Service Welcome/Setup Email** to email users an activation link. When users follow the instructions in the email, they can use the Sophos Self Service Portal to recover their computer.

To recover a startup volume, users have to do the following:

1. Log on to the Sophos Self Service Portal using another computer.
2. Go to the **Device Encryption** page.
   
   A list of all computers where the user was the last one to be logged on is displayed. If someone else has logged on to a computer in the meantime, the user cannot regain access to this computer via the Self Service Portal.

3. Select a computer from the list and click the **Retrieve** button in the **RECOVERY KEY** column.
   
   A dialog with the recovery key is displayed.

4. Start their own computer and go to the recovery page.
   
   - **Windows:** Press the **Esc** key to switch to the BitLocker recovery page.
   - **Mac:** Click the question mark icon in the **Password** field to switch to the FileVault recovery page.

5. Enter the recovery key.

Users can access their computer’s startup volume again.
5 Further reading

General
- FAQs: Sophos knowledgebase article 124819

Windows

Mac
- Setup: https://support.apple.com/en-us/HT202385
6 Technical support

You can find technical support for Sophos products in any of these ways:

- Visit the Sophos Community at community.sophos.com/ and search for other users who are experiencing the same problem.
- Open a ticket with our support team at https://secure2.sophos.com/support/contact-support/support-query.aspx.
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