


Dell Data Security Console

User Guide v11.11

Notes, cautions, and warnings

 **NOTE:** A NOTE indicates important information that helps you make better use of your product.

 **CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

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

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Introduction

The Data Security Console provides access to applications that ensure security for all users of the computer, to view and manage encryption status of the computer's drives and partitions, and to easily enroll their PBA password and recovery questions.

The following features are available:

- Enroll credentials for use with PBA
- Take advantage of multi-factor credentials, including passwords and smart cards
- Recover access to your computer if you forget your password without help desk calls or administrator assistance
- Easily change your Windows password
- Set personal preferences
- View encryption status

Data Security Console



To open the Data Security Console, from the Desktop, double-click the Dell Data Security Console icon .

You can access these applications:

- Encryption Status allows you to view the encryption status of the computer's drives and partitions.
- The Firewall and Web Protection status page displays the overall and individual protection status of the computers Fire and Web Protection.
- The Sign-In Access tool allows you to set up and manage PBA password, configure PBA self-recovery questions, and view the status of your credential enrollment.

This guide describes how to use each of these applications.

Be sure to periodically check dell.com/support for updated documentation.

Contact Dell ProSupport for Software

Before contacting Dell Support, run SupportAssist for a quick self-diagnostic test. Run [SupportAssist Quick Test](#).

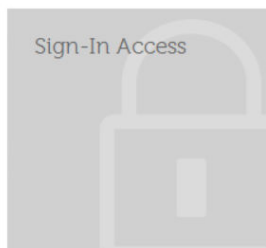
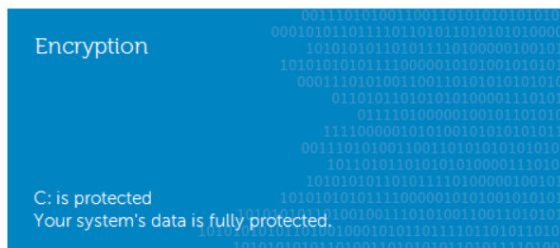
For additional assistance, visit dell.com/support. Online support at dell.com/support provides access to drivers, manuals, technical advisories, FAQs, and information on emerging issues.

When contacting Dell Support, keep your Service Tag or Express Service Code ready. This helps route your request to the appropriate technical expert quickly.

For international contact details, see [Dell ProSupport for Software international phone numbers](#).

Navigation

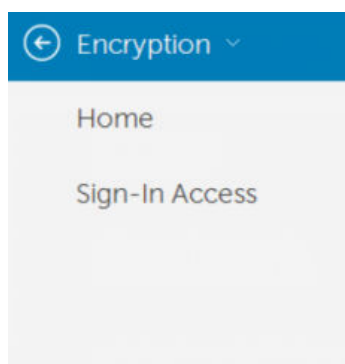
To access an application, click the appropriate tile.



Title bar

To return to the home page from within an application, click the back arrow in the left corner of the title bar, next to the name of the active application.

To navigate directly to another application, click the down arrow next to the active application name, and select an application.



To minimize, maximize, or close the Data Security Console, click the appropriate icon in the right corner of the title bar.



To restore the Data Security Console after minimizing, double-click its notification area icon.



To open Help, click the ? on the title bar.



Data Security Console Details

To view details about the Data Security Console, policies, running services, and logs, click the gear icon on the left side of the title bar. This information might be necessary for an administrator to provide technical support.



Select an item from the menu.

Menu Item	Purpose
About	Contains version information.
Show Info	Contains the following: <ul style="list-style-type: none"> • product version and date information • whether Dell Encryption and/or PBA advanced authentication is managed by the enterprise or by a local administrator • version numbers of the operating system, BIOS, motherboard, and Trusted Platform Module (TPM).
MS Info	Runs the Microsoft Windows System Information utility to display detailed information about the hardware, components, and software environment.
Copy Info	Copies all of the system information to the clipboard, to paste into an email for your administrator or Dell ProSupport.
Feedback	Displays a form where you can provide feedback to Dell about this product. (On non-domain computers, this option is always available. On domain computers, this option is determined by policy.)
Policies	Displays a hierarchy of policies that apply to this computer.
Services	Displays details about the services that are running.
Support	Connects to the Dell ProSupport website.
Log	Displays a detailed list of logged events, for troubleshooting.

Encryption Status

The Encryption page displays the encryption status of the computer. If a disk, drive, or partition is not encrypted, its status reads *Unprotected*. A drive or partition that is encrypted shows the status *Protected*.

To update encryption status, right-click the appropriate disk, drive, or partition, and select **Refresh**.




Encryption Status

The encryption dashboard allows you to view the protection status of the computer.

Drive 0 232.88 GB Protected	Partition 1 232.32 GB Protected	Disk C: 232.32 GB total, 203.16 GB free (87% available) Protected
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Sign-in Access

Sign-in Access lets you enroll, modify, and check enrollment status, based on policy set by the administrator. After initial enrollment, you can click the Sign-in Access tile to add or modify credentials.

 **NOTE:** The Sign-in Access tile will display only if the PBA is active.

Enroll Credentials for the First Time

To enroll credentials for the first time:

1. On the Data Security Console home page, click the **Sign-In Access** tile.
2. On the Password page, to change your Windows password, enter the current password then enter and confirm a new password and click **Change**.
3. On the Recovery Question page, select and provide answers to three Recovery Questions then click **Enroll**.

For more detailed information about enrolling a credential, or to change a credential, see [Add, Modify, or View Enrollments](#).

Add, Modify, or View Enrollments

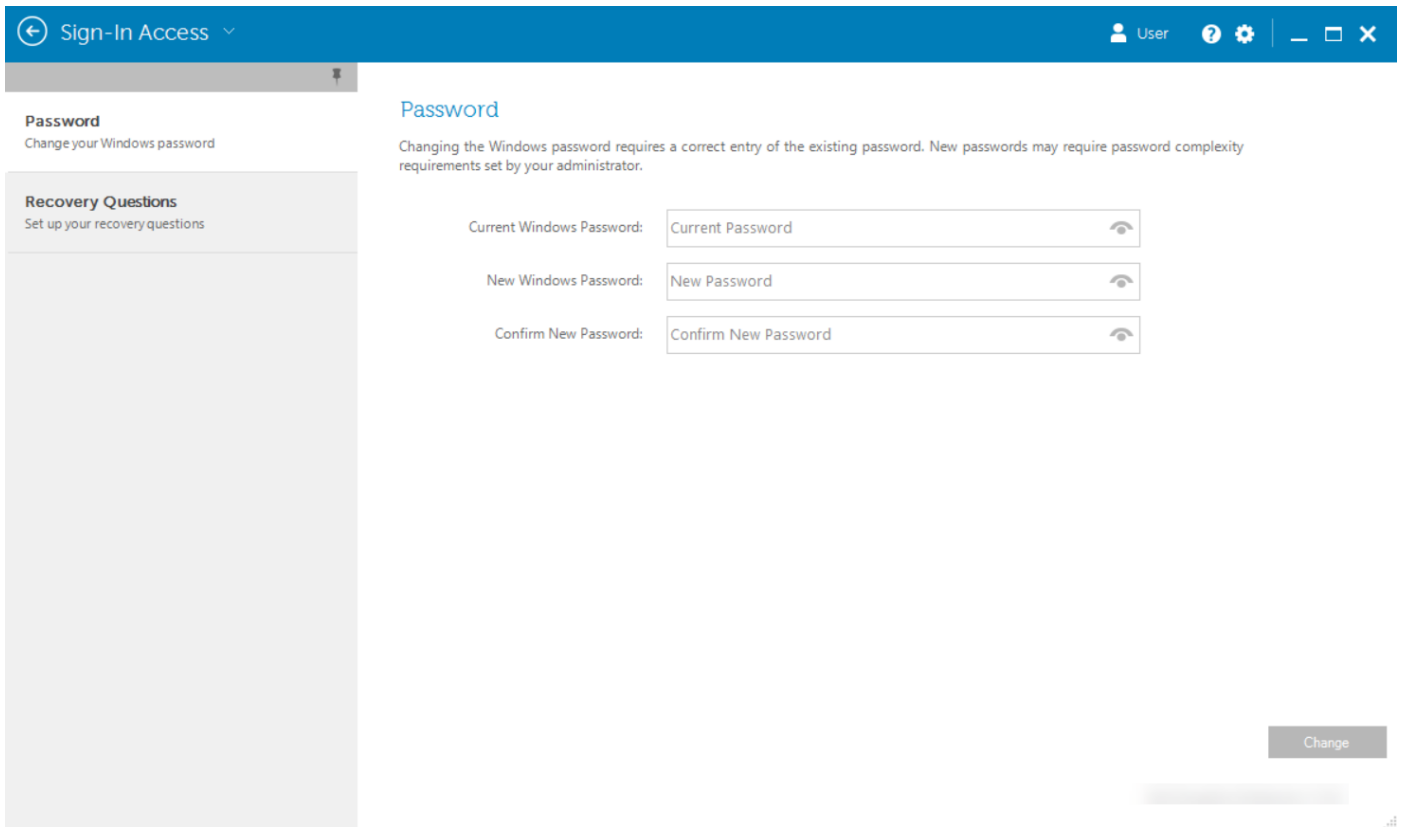
To add, modify, or view enrollments, click the **Sign-In Access** tile.

Tabs in the left pane list available Enrollments. This varies based on your platform or type of hardware.

The Sign-in Access page displays supported credentials, their policy setting (Required or N/A), and their enrollment status. From this page, users can manage their enrollments, based on policy set by the administrator:

- To enroll a credential for the first time, on the line with the credential, click **Enroll**.
- To delete an existing enrolled credential, click **Delete**.
- If policy does not allow you to either enroll or modify your own credentials, the **Enroll** and **Delete** links on the Status page are inactive.
- To change an existing enrollment, click the appropriate tab in the left pane.

If policy does not allow enrollment or modification of a credential, a message displays on the credential's enrollment page, "Credentials modification is not allowed by policy."



Password

To change your Windows password:

1. Click the **Password** tab.
2. Enter the current Windows password.
3. Enter the new password and enter it again to confirm it, and click **Change**.

Password changes are effective immediately.

This inset screenshot shows a close-up of the password change form. It features the title 'Password' and the same warning text as the main screenshot. The three input fields are clearly visible with their respective labels and placeholder text: 'Current Windows Password' (placeholder: 'Current Password'), 'New Windows Password' (placeholder: 'New Password'), and 'Confirm New Password' (placeholder: 'Confirm New Password').

4. At the Successful Enrollment dialog, click **OK**.

NOTE:

You should only change your Windows password in the Data Security Console rather than in Windows. If the Windows password is changed outside of the Data Security Console, a password mismatch will occur, requiring a recovery operation.

Recovery Questions

The Recovery Questions page allows you to create, delete, or change your recovery questions and answers. Recovery Questions provide a question and answer-based method for you to access your Windows accounts if, for example, the password is expired or forgotten.

NOTE:

Recovery questions are used to recover access to a computer only. The questions and answers cannot be used to log on.

If you have no previous PBA recovery questions enrolled:

1. Click the **Recovery Questions** tab.
2. Select from a list of pre-defined questions and then enter and confirm the answers.
3. Click **Enroll**.

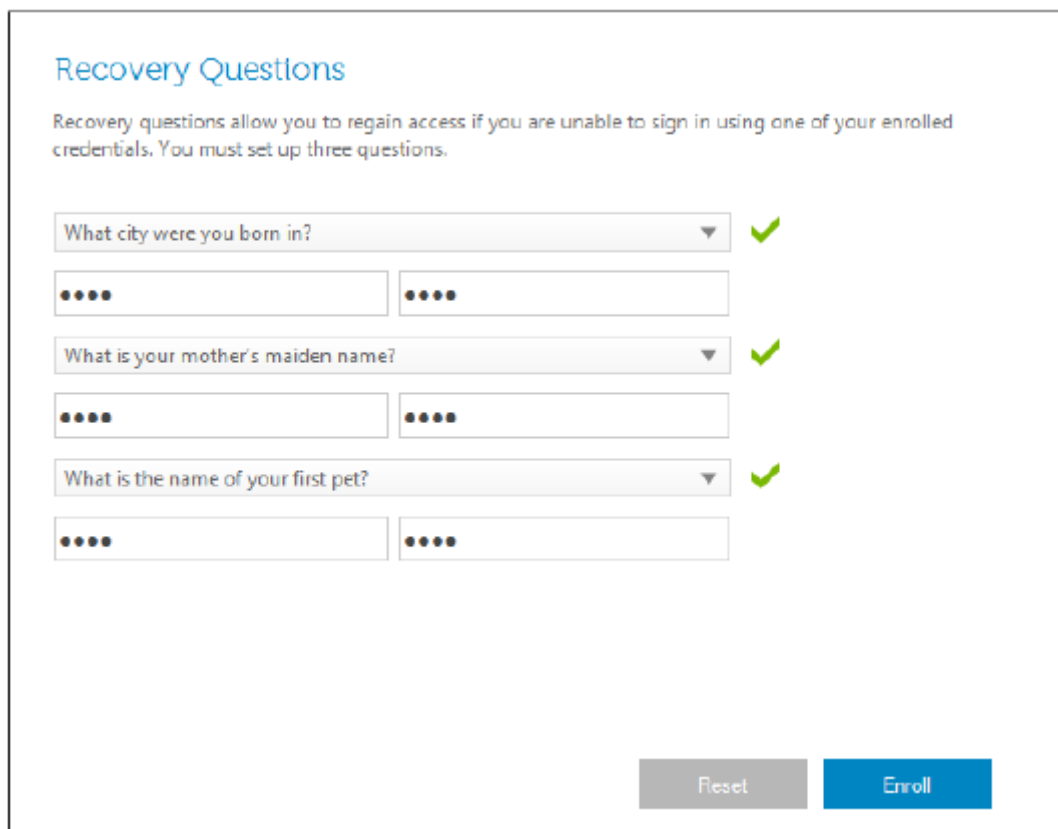
NOTE:

Click **Reset** to clear the selections on this page and start over.

Recovery Questions Already Enrolled

If PBA recovery questions have already been enrolled, you can either delete or re-enroll them.

1. Click the **Recovery Questions** tab.
2. Click the appropriate button:
 - To remove the PBA recovery questions completely, click **Delete**.
 - To re-define PBA recovery questions and answers, click **Re-enroll**.



Recovery Questions

Recovery questions allow you to regain access if you are unable to sign in using one of your enrolled credentials. You must set up three questions.

What city were you born in? ✓

.....

What is your mother's maiden name? ✓

.....

What is the name of your first pet? ✓

.....

Reset Enroll

Glossary

Credential - A credential is something that proves a person's identity, such as their Windows password.

Preboot Authentication (PBA) - Preboot Authentication serves as an extension of the BIOS or boot firmware and guarantees a secure, tamper-proof environment external to the operating system as a trusted authentication layer. The PBA prevents anything being read from the hard disk, such as the operating system, until the user has confirmed they have the correct credentials.

Protected - For a self-encrypting drive (SED), a computer is protected once the SED has been activated and the Pre-boot-authentication (PBA) is deployed.

Self-encrypting Drives (SEDs) - A hard drive that has a built-in encryption mechanism that encrypts all data stored on the media and decrypts all data leaving the media, automatically. This type of encryption is completely transparent to the user.

Single Sign-On (SSO) - SSO simplifies the logon process when multi-factor authentication is enabled at both preboot and Windows logon. If enabled, authentication is required at preboot only, and users are automatically logged on to Windows. If not enabled, authentication may be required multiple times.

Trusted Platform Module (TPM) - TPM is a security chip with three major functions: secure storage, measurement, and attestation. The Encryption client uses TPM for its secure storage function. The TPM can also provide encrypted containers for the software vault.