

Security features

Security pack, SED AK management, emergency password reset

Lenovo

ThinkEdge security 2.0 overview

The SE100 has the same security features as the SE350 V2. For more information, refer to the *Wave 2 security features* section in course [ES72507B – Servicing the ThinkEdge SE350 V2 and ThinkEdge SE360 V2](#).



SED & AK management – Enabling SED

The screenshot displays the 'BMC Configuration' interface. On the left is a dark sidebar with navigation links: 'BMC Configuration', 'Backup and Restore', 'License', 'Network', 'Security', and 'User/LDAP'. The main content area is titled 'SED Authentication Key (AK) Management' with a help icon. Below the title, 'SED encryption' is shown as 'Enabled' with a toggle switch. A section for 'SED AK generation method:' contains a dropdown menu set to 'Generate key using passphrase'. Below the dropdown is a red-bordered box with the text 'Input passphrase' and a red 'X' icon, indicating an error. To the right of this is a larger box containing two options: 'Generate key using passphrase' (highlighted in blue) and 'Generate key randomly'. A red arrow points from the 'Generate key randomly' option down to the explanatory text below the screenshot. An 'Apply' button is located at the bottom left of the generation options box.

When enabling the SED AK in either local or portal mode on the SE100, the key can be generated randomly or using a passphrase.

SED & AK management – Recovering the SED AK

The screenshot displays the 'SED Authentication Key (AK) Management' window. At the top, 'SED encryption' is shown as 'Enabled' with a toggle switch. Below this, the 'SED AK generation method' is set to 'Generate key using passphrase'. A list of actions includes 'Change the SED AK', 'Backup the SED AK', and 'Recover the SED AK'. The 'Recover the SED AK' section is expanded, showing a 'Method:' dropdown set to 'Recover SED AK using Passphrase'. A red box highlights the dropdown menu, which lists three options: 'Recover SED AK using Passphrase' (highlighted in blue), 'Recover SED AK from Backup file', and 'Recover SED AK from Automatic Backup'. A red arrow points from the first option in the menu to the explanatory text on the right. Other visible elements include a 'Set password' field, a 'Start Restore' button, and a warning icon.

The SED AK can be recovered using a passphrase, a backup file, or an automatic backup.

SED & AK management – Backing up the SED AK

SED Authentication Key (AK) Management ?

SED encryption ?

Enabled 

SED AK generation method

Generate key randomly

▶ Change the SED AK ?

▼ Backup the SED AK ?

1 Set Password

2 Backup Process

3 Download Backup File

Note that you will be asked for this password when you use the file to restore a configuration.

Set password 

Confirm password 

Start BackUp

▶ Recover the SED AK ?

SED & AK management – Changing the SED AK

SED Authentication Key (AK) Management ?

SED encryption ?

SED AK generation method

▼ Change the SED AK ?

Enabled 
Generate key randomly

SED AK generation method:

Generate key using passphrase ^

Input passphrase x

Re-generate

Generate key using passphrase

Generate key randomly

▶ Backup the SED AK ?

▶ Recover the SED AK ?