

ThinkShield and SED support on the SE450

ThinkShield support and limitations

The Lenovo logo is positioned in the top right corner of the slide. It consists of the word "Lenovo" written vertically in white, set against a rectangular background with a vertical color gradient from green at the top to blue at the bottom.

Lenovo

Comparing the SE350 and SE450

The SE450 supports Standard mode only in the initial release, and it cannot be upgraded to Security Pack mode. Unlike the SE350 Standard mode, the SE450 Standard mode supports external SED Key Management.

SE450 Standard	SE350 Standard (Security Pack disabled)
• No System Lock Down Mode configuration in the BMC configuration • Data access will be never locked up • SED Authentication Key (AK) management based on a passphrase • Tamper setting is disabled • No activation is required • Claiming the system is optional – a Secure Activation Code is needed for claiming	• No System Lock Down Mode configuration in the BMC configuration • Data access will be never locked up • SED management is disabled • Tamper setting is disabled • No activation is required • Claiming the system is optional – a Secure Activation Code is needed for claiming

SED AK management in SE450 Standard mode

The SE450 Standard mode supports SED AK management, and it can be activated with a passphrase through BMC Configuration.

The image displays two screenshots of the XClarity Controller BMC Configuration interface for a ThinkEdge SE450 system, illustrating the process of activating SED AK management.

Left Screenshot: The 'BMC Configuration' tab is selected in the left sidebar. The 'SED Authentication Key (AK) Manager' section is highlighted with an orange box. It shows 'SED encryption' is currently 'Disabled'. Other settings visible include 'Allow Third-Party Password Retrieval' (Disabled), 'Extended Audit Log' (Disabled), and 'Limit Concurrent Login Per User Account' (10 Web sessions, 2 Command Line sessions, 16 Redfish sessions).

Right Screenshot: A red arrow points from the 'SED Authentication Key (AK) Manager' section in the left screenshot to this one. In this view, the 'SED encryption' toggle is now 'Enabled'. Below the toggle, a form prompts the user to 'Please specify the Passphrase to generate the initial SED key', with two masked input fields and green checkmarks indicating successful entry. The 'Apply' button is visible. The 'Extended Audit Log' and 'Limit Concurrent Login Per User Account' settings remain unchanged.

SED AK management in SE350 Standard mode

There is no SED key management page in the SE350 BMC configuration as SED data would not be encrypted for the Standard model.



Remove