

Security features

Security pack, SED AK management

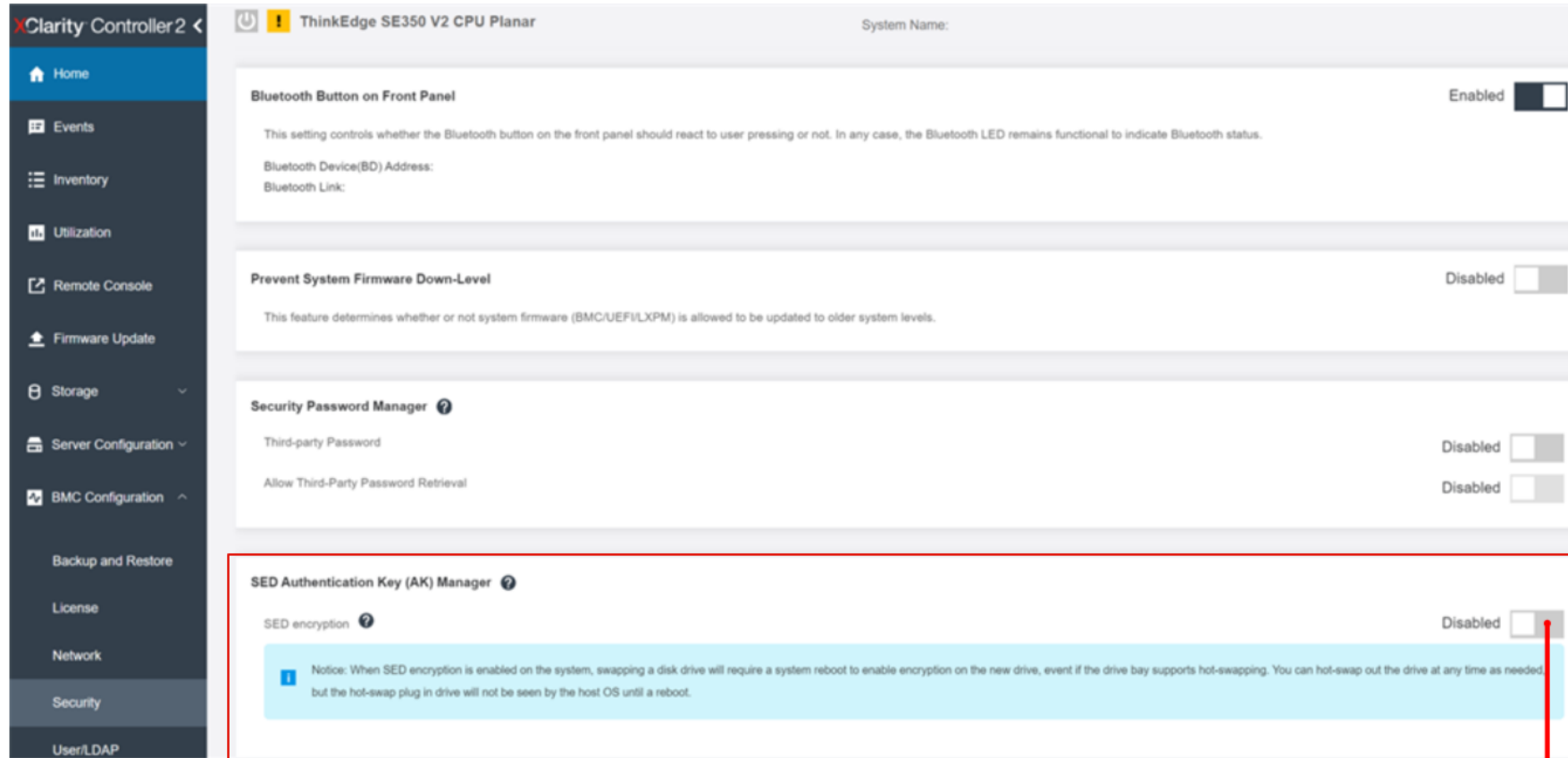
Lenovo

Security pack

- The Security Pack is a collection of security and activation features.
- It allows for the enablement of local self-encrypting (SED) authentication key (AK) management.
- The SE350 V2 and SE360 V2 will only support the security pack disable feature for the initial release.

Features	Initial release
Function set	<ul style="list-style-type: none">- Security pack disabled<ul style="list-style-type: none">• SED AK management based on a passphrase

SED AK management – SED encryption disabled



SED encryption
disabled

SED AK management – enabling SED encryption

XClarity Controller

ThinkEdge SE450 System name:

SED Authentication Key (AK) Manager ?

SED encryption ? Enabled ☒

Please specify the Passphrase to generate the initial SED key

☒ ☒

Apply

Extended Audit Log

Disabled ☐

If the setting is enabled, the Audit Log tab will contain log entries of IPMI raw data from LAN and KCS channels. If the IPMI command is from LAN channels, the user name and source IP address will be included in log entry.

Limit Concurrent Login Per User Account ?

Number of Web concurrent sessions:	10 <input checked="" type="checkbox"/>	(1-10 sessions)
Number of Command Line concurrent sessions:	2 <input checked="" type="checkbox"/>	(1-2 sessions)
Number of Redfish concurrent sessions:	16 <input checked="" type="checkbox"/>	(1-16 sessions)

The security pack disabled mode supports SED AK management, and it can be activated with a passphrase through BMC Configuration.

SED AK management – SED encryption enabled

The screenshot displays the Clarity Controller 2 web interface for a ThinkEdge SE350 V2 CPU Planar. The left sidebar contains navigation links: Home, Events, Inventory, Utilization, Remote Console, Firmware Update, Storage, Server Configuration, BMC Configuration, Backup and Restore, License, Network, Security (highlighted), User/LDAP, Call Home, and Neighbor Group. The main content area shows several configuration sections: IPMI SEL Log Wrapping (Disabled), Bluetooth Button on Front Panel (Enabled), Prevent System Firmware Down-Level (Disabled), and Security Password Manager (Disabled). The 'SED Authentication Key (AK) Manager' section is highlighted with a red box and contains the following options:

- SED encryption: Enabled (indicated by a red box and an arrow pointing to the text "SED encryption enabled")
- Change the SED AK
- Recover the SED AK

A notice at the bottom of the SED AK Manager section states: "Notice: When SED encryption is enabled on the system, swapping a disk drive will require a system reboot to enable encryption on the new drive, even if the drive bay supports hot-swapping. You can hot-swap out the drive at any time as needed, but the hot-swap plug in drive will not be seen by the host OS until a reboot."

Changing the SED AK

In security pack disabled mode, the passphrase is required when SED AK is changed or recovered.

SED Authentication Key (AK) Management ?

SED encryption ?

Enabled



► Change the SED AK ?

▼ Recover the SED AK ?

Note that you need to provide the corresponding SED AK passphrase.

Set password



Confirm password



Start Restore

SED Authentication Key (AK) Management ?

SED encryption ?

Enabled



▼ Change the SED AK ?

Method: Generate SED AK from Passphrase

Set password



Confirm password



Re-generate

► Recover the SED AK ?