

Smarter technology for all

ThinkSystem tools for the ThinkSystem V3 platform

ES52374
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Prerequisites

- [ES51757B – Introducing ThinkSystem tools](#)

Objectives

After completing the course, you will be able to:

- Describe the new features of the software tools supported by ThinkSystem V3 servers
- Describe the firmware and Root of Trust security module and explain how to service it
- Describe the features introduced in the newer versions of existing software tools that support ThinkSystem servers

What's new

New feature in XCC2 when resetting BMC to default settings

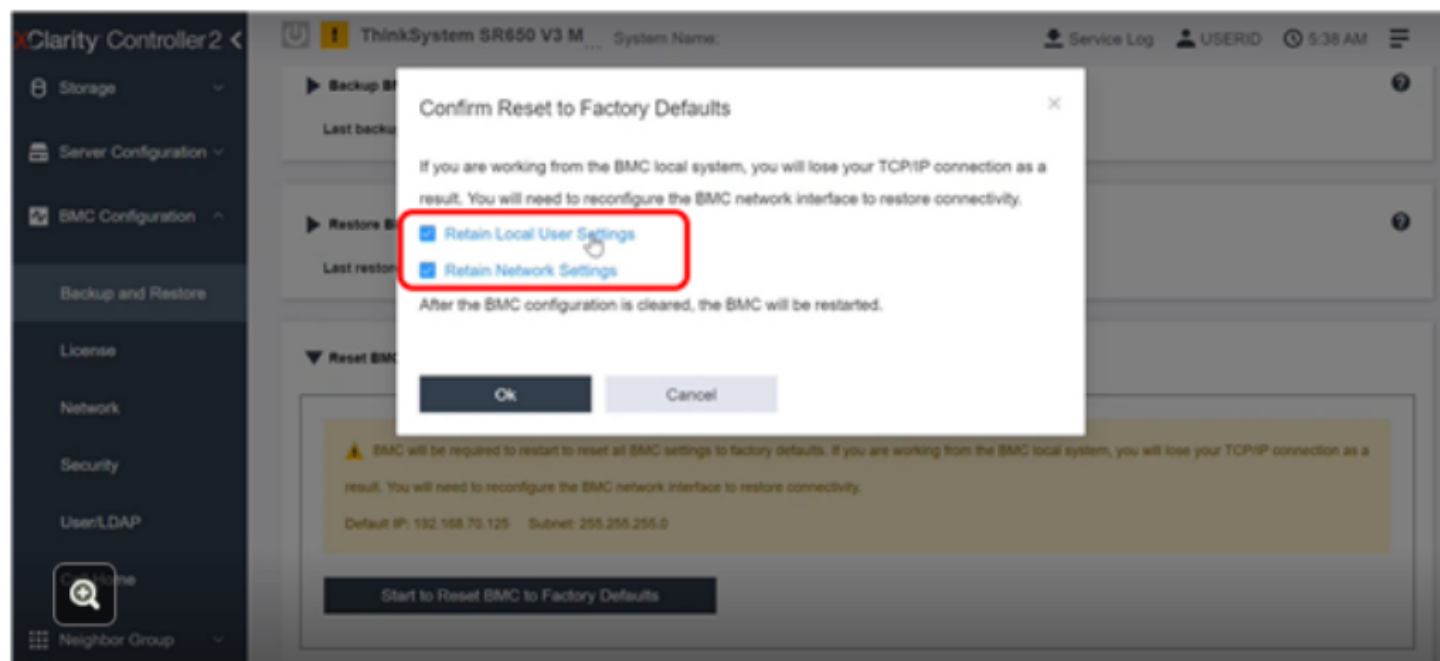
The Lenovo logo is positioned in the top right corner of the slide. It consists of the word "Lenovo" in a white, sans-serif font, oriented vertically. The text is set against a rectangular background with a vertical color gradient that transitions from green at the top to blue at the bottom.

Lenovo

Resetting BMC to factory defaults in XCC2

In XCC2 build esx310m-1.00 or later, there are new features that allow users to retain local user settings and/or network settings when resetting BMC to factory defaults.

In the XCC2 web interface, select **BMC configuration** → **Backup and Restore** → **Reset BMC to Factory Defaults**. In the pop-up window, users can select the **Retain Local User Settings** and **Retain Network Settings** check boxes.



Note: These new XCC features are currently only supported on ThinkSystem V3 Intel platform servers. Support for the ThinkSystem V3 AMD platform is expected in Q2 2023.

What's new

Retaining local user settings

When **Retain Local User Settings** is selected, the setting under **BMC Configuration** → **User/LDAP** will be retained after a BMC reset.

Confirm Reset to Factory Defaults

If you are working from the BMC local system, you will lose your TCP/IP connection as a result. You will need to reconfigure the BMC network interface to restore connectivity.

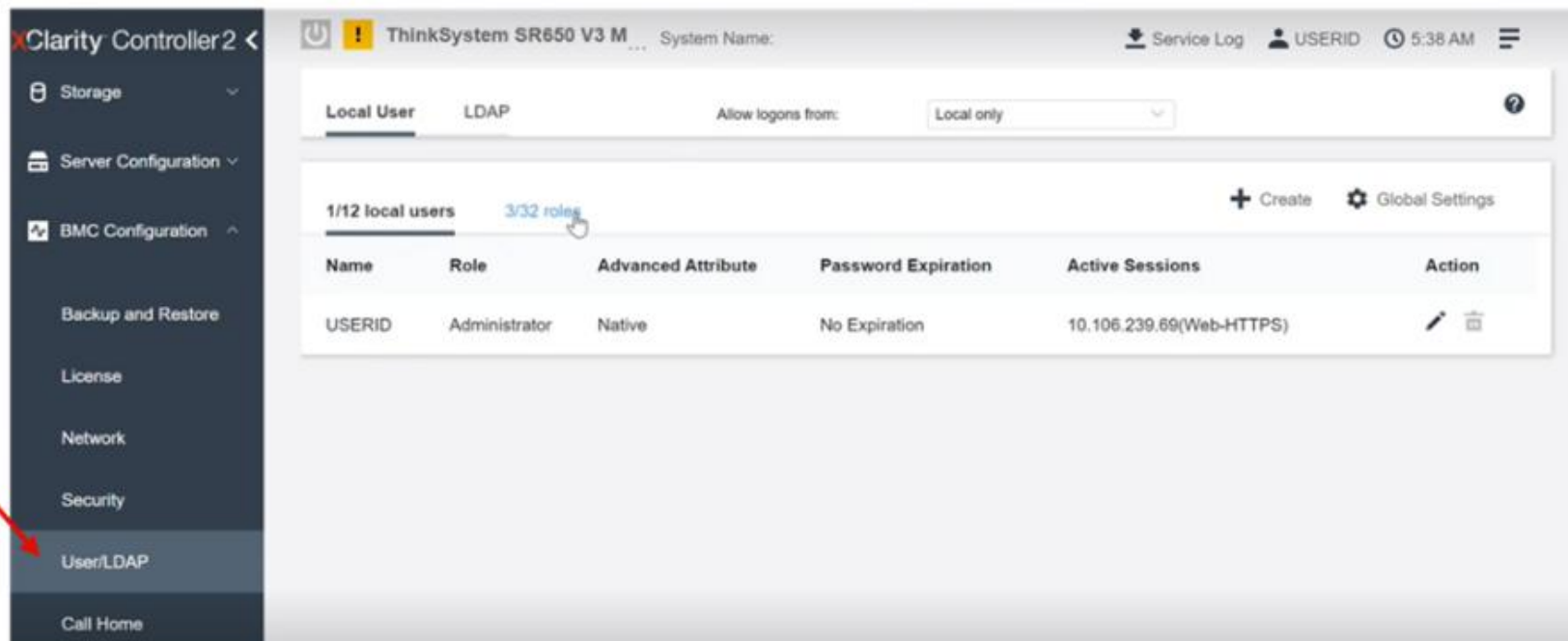
☒ Retain Local User Settings

☐ Retain Network Settings

After the BMC configuration is cleared, the BMC will be restarted.

Ok

Cancel



Clarity Controller 2



- Storage
- Server Configuration
- BMC Configuration
 - Backup and Restore
 - License
 - Network
 - Security
 - User/LDAP
 - Call Home

ThinkSystem SR650 V3 M System Name:

Local User LDAP Allow logons from: Local only

1/12 local users 3/32 roles

+ Create Global Settings

Name	Role	Advanced Attribute	Password Expiration	Active Sessions	Action
USERID	Administrator	Native	No Expiration	10.106.239.69(Web-HTTPS)	 

What's new

Retaining network settings

When **Retain Network Settings** is selected, the setting under **BMC Configuration** → **Network** will be retained after a BMC reset.

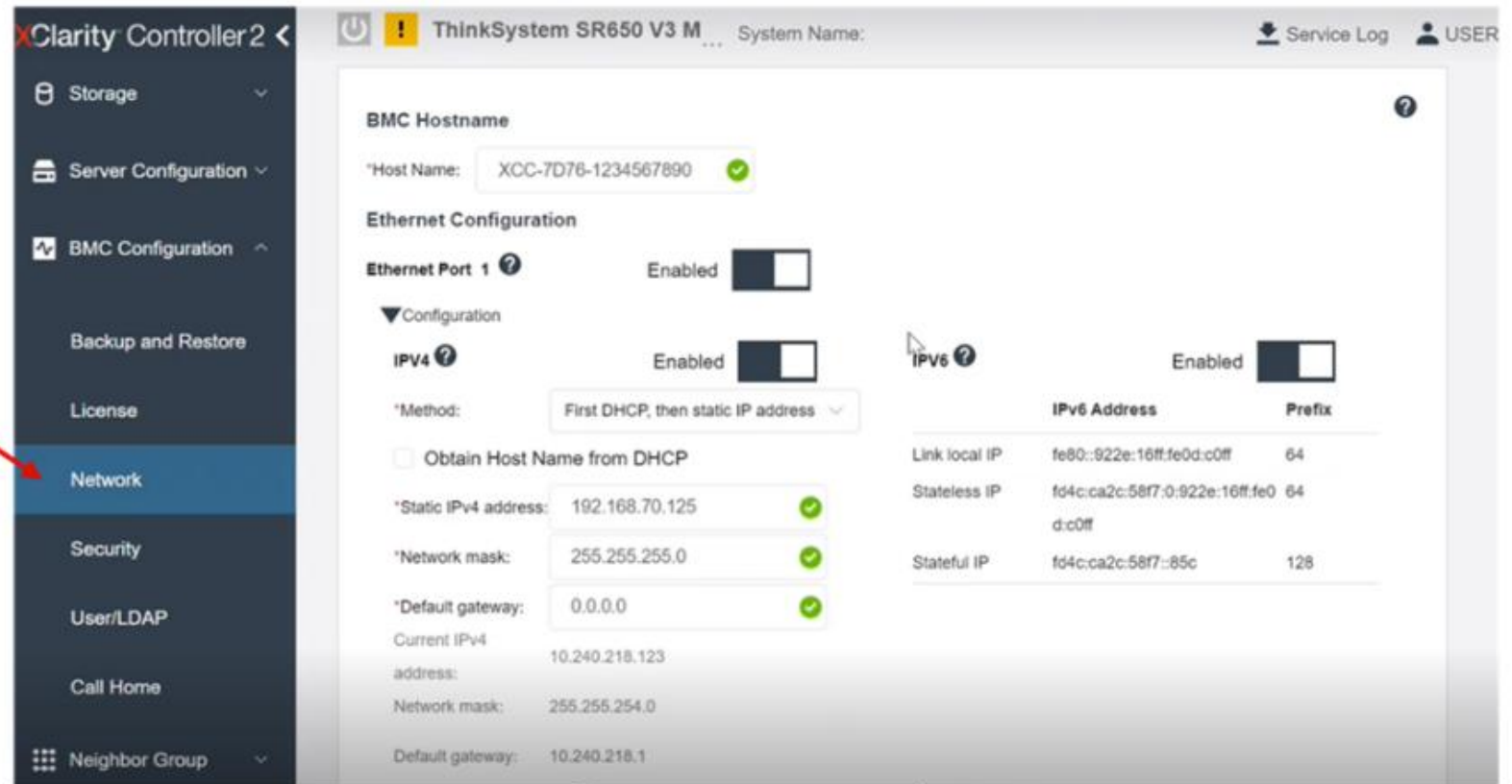
Confirm Reset to Factory Defaults

If you are working from the BMC local system, you will lose your TCP/IP connection as a result. You will need to reconfigure the BMC network interface to restore connectivity.

☒ Retain Local User Settings

☒ Retain Network Settings

After the BMC configuration is cleared, the BMC will be restarted.



Clarity Controller 2

- Storage
- Server Configuration
- BMC Configuration
- Backup and Restore
- License
- Network**
- Security
- User/LDAP
- Call Home
- Neighbor Group

ThinkSystem SR650 V3 M ... System Name: Service Log USER

BMC Hostname

*Host Name: XCC-7D76-1234567890 ✓

Ethernet Configuration

Ethernet Port 1 ? Enabled ☐

Configuration

IPv4 ? Enabled ☐

*Method: First DHCP, then static IP address

☐ Obtain Host Name from DHCP

*Static IPv4 address: 192.168.70.125 ✓

*Network mask: 255.255.255.0 ✓

*Default gateway: 0.0.0.0 ✓

Current IPv4 address: 10.240.218.123

Network mask: 255.255.254.0

Default gateway: 10.240.218.1

IPv6 ? Enabled ☐

	IPv6 Address	Prefix
Link local IP	fe80::922e:16ff:fe0d:c0ff	64
Stateless IP	fd4c:ca2c:58f7:0:922e:16ff:fe0d:c0ff	64
Stateful IP	fd4c:ca2c:58f7::85c	128