

Smarter technology for all

# Intel Xeon processor architecture for ThinkSystem V3 servers

Lenovo

ES42373B

August 2023

# Prerequisites

Although there are no specific prerequisites for this course, you should have some knowledge of high performance computing (HPC) systems, be familiar with the general administration of a network cluster, and have problem determination and troubleshooting skills.

## Objectives

After completing the course, you will be able to:

- Identify the differences between the 3<sup>rd</sup> Generation and Next Generation Intel Xeon Scalable processors
- Describe the features of the Next Generation Intel Xeon Scalable processor in ThinkSystem V3 servers
- Describe the Intel Xeon Scalable processor naming rules
- Describe the supported memory and storage features on ThinkSystem servers
- Describe the Intel On Demand features for Intel V3 processors

# What's new

Intel On Demand

Lenovo

## What's new in August 2023

Intel On Demand implements software-defined silicon (SDSi) features on certain 4<sup>th</sup> Generation Intel Xeon Scalable processors and is available via Lenovo license. It will be available for the following servers in Q3 2023 and will be supported on more servers in the future:

- ThinkSystem SR630 V3
- ThinkSystem SR650 V3
- ThinkSystem SD650 V3
- ThinkSystem SD650-I V3

For more information about Intel On Demand features, refer to the [Intel On Demand](#) section.