



The Linux Foundation hereby certifies that

Carl Edward Ludwig Zimmer

has successfully completed the program requirements
necessary to be recognized as a

Linux Foundation Certified System Administrator (LFCS)

A handwritten signature in black ink, appearing to read 'Jim Zemlin'.

JIM ZEMLIN, EXECUTIVE DIRECTOR
THE LINUX FOUNDATION

November 17, 2020

DATE OF COMPLETION

LF-jeh95upven

CERTIFICATE ID NUMBER