



Red Hat, Inc. hereby certifies that

LIUHENG

has successfully completed all the program requirements and is certified as a

**RED HAT CERTIFIED SYSTEM
ADMINISTRATOR**

Red Hat Enterprise Linux 7

A handwritten signature in black ink, appearing to read "RR", followed by a long horizontal line and a stylized "M" or "N" at the end.

RANDOLPH R. RUSSELL

DIRECTOR, GLOBAL CERTIFICATION PROGRAMS

JULY 18, 2019 - CERTIFICATION ID: 190-177-493

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