



Red Hat, Inc. hereby certifies that

PATHOMKORN MUTTARAK

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

RED HAT CERTIFIED SYSTEM ADMINISTRATOR IN RED HAT OPENSTACK

Red Hat OpenStack Platform 5.0

A stylized, handwritten signature in black ink, appearing to read "RRR" followed by a long horizontal stroke and a final "n".

RANDOLPH. R. RUSSELL

DIRECTOR, GLOBAL CERTIFICATION PROGRAMS

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