



This is to certify that

Charles David Halpern-Hamu

has successfully met the requirements of the TOGAF 9
Certification for People program at the TOGAF 9 Certified level.

Date certified: 1 May 2017
Certification Number: 117215

A handwritten signature in black ink, appearing to read 'Steve', with a long horizontal stroke extending to the right.

Steve Nunn, President and CEO, The Open Group

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