



SUN CERTIFICATION

Steven Hawkes

HAS FULFILLED ALL REQUIREMENTS AS A
SUN CERTIFIED ENTERPRISE ARCHITECT
FOR JAVA™ PLATFORM ENTERPRISE EDITION TECHNOLOGY

On May 30, 2002

A handwritten signature in black ink, appearing to read "Scott McNealy".

Scott McNealy, President, Chairman, and CEO of Sun Microsystems, Inc.

A handwritten signature in black ink, appearing to read "Bill Richardson".

Bill Richardson, Vice President and General Manager of Sun Educational Services

