ISACA

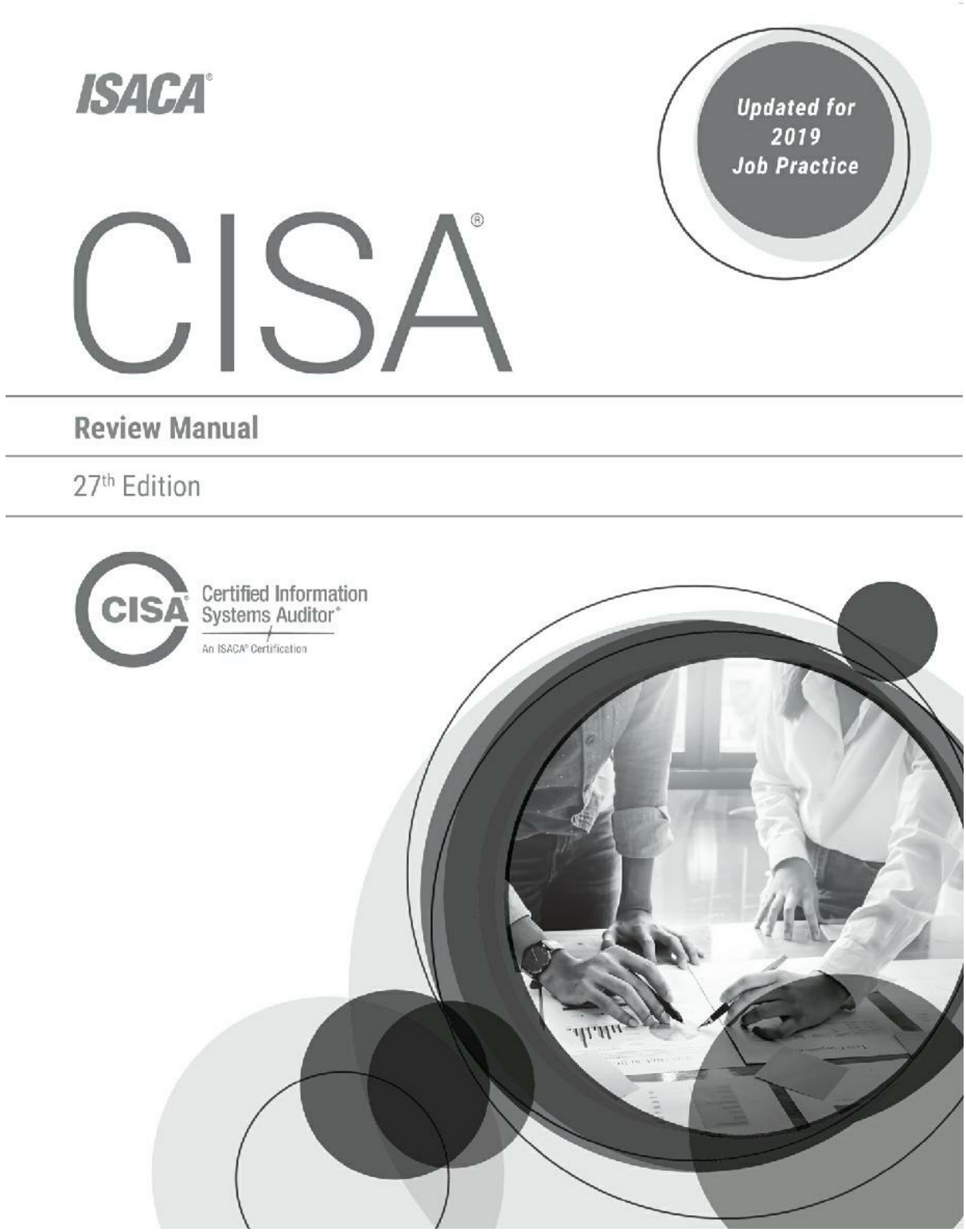
Updated for 2019 Job Practice

CISA®

Review Manual

27th Edition

CISA Certified Information Systems Auditor®
An ISACA® Certification



About ISACA

Now in its 50th anniversary year, ISACA® (isaca.org) is a global association helping individuals and enterprises achieve the positive potential of technology. Today's world is powered by information and technology, and ISACA equips professionals with the knowledge,

credentials, education and community to advance their careers and transform their organizations.

Among those credentials, ISACA advances and validates business-critical skills and knowledge through the globally respected Certified Information Systems Auditor® (CISA®), Certified in Risk and Information Systems Control™ (CRISC™), Certified Information Security Manager® (CISM®) and Certified in the Governance of Enterprise IT® (CGEIT®) credentials.

ISACA leverages the expertise of its 460,000 engaged professionals—

including its 140,000 members—in information and cybersecurity,

governance, assurance, risk and innovation, as well as its enterprise performance subsidiary, CMMI® Institute, to help advance innovation through technology. ISACA has a presence in more than 188 countries, including more than 220 chapters worldwide and offices in both the United States and China.

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ISACA has designed and created *CISA® Review Manual 27th Edition* primarily as an educational resource to assist individuals preparing to take the CISA certification exam. It was produced independently from the CISA exam and the CISA Certification Committee, which has had no responsibility for its content. Copies of past exams are not released to the public and were not made available to ISACA for preparation of this publication. ISACA makes no representations or warranties whatsoever with regard to these or other ISACA publications assuring candidates' passage of the CISA exam.

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CISA® Review Manual 27th Edition

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CISA Review Manual 27th Edition

ISACA is pleased to offer the 27th edition of the *CISA® Review Manual*. The purpose of this manual is to provide Certified Information Systems Auditor (CISA) candidates with the technical information and reference material to assist in preparation for the Certified Information Systems Auditor exam.

The content in this manual is based on the CISA Job Practice, available at

www.isaca.org/cisajobpractice. **This job practice is the basis for the CISA exam.** The development of the job practice involves thousands of CISA-certified individuals and other industry professionals worldwide who serve as committee members, focus group participants, subject matter experts and survey respondents.

The *CISA® Review Manual* is updated to keep pace with rapid changes in the information systems (IS) audit, control and security professions. As with previous manuals, the 27th edition is the result of contributions from many qualified authorities who have generously volunteered their time and expertise. We respect and appreciate their contributions and hope their efforts provide extensive educational value to *CISA® Review Manual* readers.

Certification has positively impacted many careers; the CISA designation is respected and acknowledged by organizations around the world. We wish you success with the CISA exam. Your commitment to pursue the leading certification in IS audit, assurance, control and security is exemplary.

Acknowledgments

The 27th edition of the *CISA® Review Manual* is the result of the collective efforts of many volunteers. ISACA members from throughout the global IS

audit, control and security professions participated, generously offering their talent and expertise. This international team exhibited a spirit and selflessness that have become the hallmark of contributors to this manual. Their participation and insight are truly appreciated.

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ISACA has begun planning the next edition of the *CISA® Review Manual*.

Volunteer participation drives the success of the manual. If you are interested in becoming a member of the select group of professionals involved in this global project, please visit *engage.isaca.org.*

Previous CISA Job Practice	New CISA Job Practice
Domain 1: The Process of Auditing Information Systems (21%) Domain 2: Governance and Management of IT (16%) Domain 3: Information Systems Acquisition, Development and Implementation (18%) Domain 4: Information Systems Operations, Maintenance and Service Management (20%) Domain 5: Protection of Information Assets (25%)	Domain 1: Information System Auditing Process (21%) Domain 2: Governance and Management of IT (17%) Domain 3: Information Systems Acquisition, Development and Implementation (12%) Domain 4: Information Systems Operations and Business Resilience (23%) Domain 5: Protection of Information Assets (27%)

New—CISA Job Practice