

**BePRO-Seminar#827**

# The Comprehensive IT Security Audit

**BeProfessionalTheClub®**

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**Tentang BeProfessionalTheClub®**

BeProfessionalTheClub® dan CareerTrack-Training® adalah divisipelatihanmanajemen dari PT.Proesdeem Indonesia—lembagakonsultanamanajemen yang sejak tahun 1995 memfokuskankegiatannya pada penyelenggaraanpelatihanprofesional. Pelatihan yang diselenggarakanoleh CareerTrack Training dan BeProfessionalTheClub senantiasa memadukanaktualitas dan kualitas kurikulum (modul) pelatihan, pelayanan yang prima, dan kapabilitasinstruktur.

Pelatihan yang diselenggarakanolehBePRO dan CareerTracksenantiasamengacu pada perkembanganmutakhir dalam pengelolaan perusahaan yang saat iniberorientasikepadaterciptanyagood corporate governance.

BePRO dan CareerTracksejakberdiri tahun 1995 senantiasaberusahamempertahankankualitas professional training yang tinggi dengan menerapanadanya check dan control, sehingga professional training yang diselenggarakan dapat

- menjawab kebutuhan para peserta secara komprehensif dan dengan pendekatan aplikatif
- memfokuskanterhadap solusi yang spesifik dan relevanterhadapperkembanganterkini
- memberikan aspek teknik dan aplikatif yang dibawakan oleh para instruktur yang mumpuni
- memfasilitasi kebutuhan soft skill dalam pengembangan karir dan bisnis

Melalui professional traning, BePRO dan CareerTrack dapat membantu perusahaan yang ingin berkembang ataupun memperkuat posisi strategisnya dengan memberikan expertis yang dapat meningkatkan kemampuan dalam

- Mengelolaprioritassecaraefektif
- Membangunbudaya kerja yang produktif
- Meningkatkan job value
- Menyelaraskankemampuan dengan perkembangansertakebutuhanterkini
- Menciptakan proses, dan professional terbaik bagi perusahaan.

**Web Service Links:**

[www.careertrack.training](http://www.careertrack.training)  
[www.lpai.co.id](http://www.lpai.co.id)  
[www.theitmp.com](http://www.theitmp.com)  
[www.lpmisp.org](http://www.lpmisp.org)  
[www.proesdeem.co.id](http://www.proesdeem.co.id)

Instructor: DR, Ir. Fauzi Hasan, MM, MBA, PMP, CISA, CISSP, SSCP, CISM, CGEIT, CPRC, CSCP, CDCP, CITM APICS, Cert. Change Management (APMG)

*This course will delivered in Indonesian and/or English*

The IT Security Audit course is designed to provide practical view in conducting IT audit and assurance in one organization. The course is designed to support professional staffs to expand their understanding of information technology (IT) audit.

The course presents a more in-depth view on the fundamentals of IT auditing by highlighting on topics such as: IT audit and control analysis, examination of control evidence in conducting IT audit, application control, Operating System and IT Infrastructure audit, and management of IT audit.

The course will include discussion and exercises related to general control examinations and application system auditing. The course will also focus on control research and analysis for IT-related topic areas. In addition, through discussion and exercises, participants will gain a working understanding of the process of developing audit work programs encompassing all elements of IT infrastructures.

Participants will be expected to gain a working understanding of how to identify, reference and implement IT management and control policies, standards and related auditing standards. Regarding the latter, the objective is to learn how to identify and interpret the requirements of the standards and implement the standards in auditing process.

IT Security Auditing covers the latest auditing tools alongside real-world examples, ready-to-use checklists, and valuable templates.

Each class session will include discussion on an IT audit management, security, control or audit issues that participants should be familiar with.

**Objectives & Benefits**

At the completion of this course, the participants should be able to :

- Participants shall obtain an expanded understanding on the role of IT auditors in evaluating IT-related operational and control risk and in assessing the appropriateness and adequacy of management control practices and IT-related controls inside participants' organization, with the focus on IT infrastructures
- The participants shall obtain the capability on how to analyze Windows, UNIX, and Linux systems; secure databases; examine wireless networks and devices; and audit applications. Plus, participants get up-to-date information on legal standards and practices, privacy and ethical issues, and the CobiT standard.
- Participants shall obtain the capability in conducting IT audit and implement techniques in performing assurance, attestation, and audit engagements
- Capability to build and maintain an IT audit function within the organization with maximum effectiveness and value
- Participants shall obtain an expanded familiarity with the principle references in IT governance, control and security as related to IT audit
- Participants shall obtain the working ability to plan, conduct, and report on information technology audits with specific focus on infrastructure vulnerability assesment and assurance, and drill down upon application vulnerabilities
- Participants shall obtain an understanding of the role of IT auditors regarding IT-related compliance and regulatory audits, such as evaluating control standards
- Capability to use best practices and methodologies such as: COSO, CobiT, ITIL, ISO, and NSA INFOSEC

**Target Audience**

- IT Managers
- Security Managers
- Auditing Staffs
- IT Operation Staffs.

**Course Contents & Description**

**1. Audit Overview**

The class session will focus on IT audit concepts and processes, which includes: review of some of the key fundamentals of IT auditing, including general auditing standards, risk-based auditing, pre-audit objectives, determining scope and audit objectives, and the process of performing an IT audit. The class session will include discussion on IT performance, controls, control self-assessment, risk analysis, and the objectives of the IT audit or assurance report.

**2. Building an Effective Internal IT Audit Function**

The class session will focus on management issues regarding how to manage IT audit and assurance functions. The class material will include developing and assessing staff knowledge and skills, competency measurement, assignment of staff, documentation and continuing education requirements.

**3. The Audit Process**

Perform IT audit in accordance with IT audit standards, guidelines and best practices to assist the organizations in ensuring that its information technology and business system are protected and controlled.

**4. Auditing Techniques**

Describing all techniques which are available to implemented for IT infrastructure auditing

**5. Auditing Entity-Level Controls**

Describing all entities control level which encompassing embedded controls in the areas such as:

- Operating system control in UNIX-, Linux-, and Windows-based operating systems
- Controls in network routers, switches, firewalls, WLANs, and mobile devices
- Entity-level controls, data centers, and disaster recovery plans
- Controls in Web servers, platforms, and applications
- Database critical controls

**6. Auditing Data Centers and Disaster Recovery**

Describe how to conduct data center as disaster recovery site with all supporting infrastructures

**7. Auditing Switches, Routers, and Firewalls**

Describe how to perform auditing on network infrastructure and network appliances

**8. Auditing Windows Operating Systems**

Describe how to conduct auditing on operating system using effective and control-piercing methodology within the Windows operating system environment

**9. Auditing Unix and Linux Operating Systems**

Describe how to conduct auditing on operating system using reliant and control-focus methodology within the Unix operating system environment

**10. Auditing Web Servers**

Describe how to perform auditing on Web Servers infrastructure and net DMZ devices

**11. Auditing Databases**

Describe how to perform auditing on organization's Database and all operating support elements

**12. Auditing Applications**

Describe how to perform auditing on organization's Enterprise Applications and the supporting modules

**13. Auditing WLAN and Mobile Devices**

Describe how to perform auditing on Wide Area Network infrastructure and interface able mobile devices.

Your Schedule	Location	Investment/ Person *)
February 15-19, 2016	Bandung	IDR 11.250.000
April 25-29, 2016	Jakarta	IDR 11.250.000
June 13-17, 2016	Yogya	IDR 11.250.000
August 22-26, 2016	Jakarta	IDR 11.250.000
October 17-21, 2016	Bali	IDR 11.250.000
December 19-23, 2016	Jakarta	IDR 11.250.000

\*Exclude Tax, Transportation & Accommodation

**Lokasi & Ketentuan Pelaksanaan:**

**Jakarta:** 46<sup>th</sup>-50<sup>th</sup> Floor Wisma 46 – Jl. Jend Sudirman Kav.1– Jakarta Pusat, Sofyan Hotel Group, ASTON Hotel Group atau hotel lainnya;

**Bali:** B-Hotel atau hotel lainnya;

**Bandung:** KAGUM Hotel Group / ASTON Hotel Group atau hotel lainnya.

**Yogyakarta:** ASTON Hotel Groups atau hotel lainnya.

Perubahan lokasi/tempat akan dikonfirmasi melalui undangan seminar.

Jumlah peserta minimal (kecuali ditentukan lain) untuk pelaksanaan di Bali 9 (sembilan) orang, Yogya 7 (tujuh) orang, Bandung 5 (lima) orang, Jakarta 3 (tiga) orang sesuai konfirmasi yang kami terima seminggu sebelum pelaksanaan. Dalam hal jumlah peserta kurang dari ketentuan minimal tersebut maka keputusan pelaksanaannya dapat dibicarakan kedua belah pihak untuk mendapatkan solusi terbaik.

Bila Anda menginginkan judul training, jadwal dan lokasi yang berbeda dengan yang telah ditentukan di atas silahkan hubungi Service Center kami melalui **Tel: 021-574-8889**, Fax: 021-574-8888, Mobile Phone/SMS/WA: 08119591124 atau email: [info@beproseminar.com](mailto:info@beproseminar.com) atau [beproseminars@gmail.com](mailto:beproseminars@gmail.com)