



System Assurance: Beyond Detecting Vulnerabilities (The MK/OMG Press)

Nikolai Mansourov, Djenana Campara

[Download now](#)

[Click here](#) if your download doesn't start automatically

System Assurance: Beyond Detecting Vulnerabilities (The MK/OMG Press)

Nikolai Mansourov, Djenana Campara

System Assurance: Beyond Detecting Vulnerabilities (The MK/OMG Press) Nikolai Mansourov, Djenana Campara

System Assurance Beyond Detecting Vulnerabilities provides a comprehensive view of systematic, repeatable, and affordable cyberdefense that goes beyond knowledge of vulnerabilities and includes knowledge of the system, knowledge of risks and threats, knowledge of security safeguards, as well as knowledge of the assurance argument, together with the corresponding evidence answering the question why a system is secure.

The book is organized into four parts. The first part provides an introduction to cybersecurity knowledge; the need for information exchanges for systematic, repeatable, and affordable cyberdefense; and the motivation for the Object Management Group (OMG) Software Assurance Ecosystem. It discusses the nature of system assurance and its difference for vulnerability detection, and introduces the OMG standard on Software Assurance Cases. It describes an end-to-end methodology for system assurance in the context of the OMG Software Assurance Ecosystem that brings together risk analysis, architecture analysis, and code analysis in an integrated process that is guided and planned by the assurance argument. The second part describes various aspects of cybersecurity knowledge required for building cybersecurity arguments. This knowledge includes system knowledge, knowledge related to security threats and risks, and vulnerability knowledge. The third part provides an overview of the protocols of the OMG Software Assurance Ecosystem. It covers the Common Fact Model approach; linguistic models and the OMG Semantics of Business Vocabularies and Rules (SBVR) standard; and the OMG Knowledge Discovery Metamodel (KDM). The fourth part presents a case study to illustrate some of the activities of a system assurance evaluation.

- Provides end-to-end methodology for systematic, repeatable, and affordable System Assurance.
- Includes an overview of OMG Software Assurance Ecosystem protocols that integrate risk, architecture and code analysis guided by the assurance argument.
- Case Study illustrating the steps of the System Assurance Methodology using automated tools.

 [Download System Assurance: Beyond Detecting Vulnerabilities ...pdf](#)

 [Read Online System Assurance: Beyond Detecting Vulnerabiliti ...pdf](#)

Download and Read Free Online System Assurance: Beyond Detecting Vulnerabilities (The MK/OMG Press) Nikolai Mansourov, Djenana Campara

From reader reviews:

Florence Nguyen:

The reserve with title System Assurance: Beyond Detecting Vulnerabilities (The MK/OMG Press) possesses a lot of information that you can discover it. You can get a lot of profit after read this book. This particular book exist new understanding the information that exist in this book represented the condition of the world right now. That is important to yo7u to understand how the improvement of the world. This particular book will bring you throughout new era of the internationalization. You can read the e-book on your own smart phone, so you can read the idea anywhere you want.

Sherry Clark:

Can you one of the book lovers? If yes, do you ever feeling doubt while you are in the book store? Aim to pick one book that you find out the inside because don't ascertain book by its cover may doesn't work here is difficult job because you are scared that the inside maybe not because fantastic as in the outside search likes. Maybe you answer could be System Assurance: Beyond Detecting Vulnerabilities (The MK/OMG Press) why because the fantastic cover that make you consider regarding the content will not disappoint you actually. The inside or content will be fantastic as the outside or maybe cover. Your reading sixth sense will directly make suggestions to pick up this book.

Naomi Taylor:

Don't be worry for anyone who is afraid that this book will filled the space in your house, you could have it in e-book approach, more simple and reachable. This System Assurance: Beyond Detecting Vulnerabilities (The MK/OMG Press) can give you a lot of pals because by you taking a look at this one book you have factor that they don't and make a person more like an interesting person. This book can be one of a step for you to get success. This publication offer you information that might be your friend doesn't realize, by knowing more than additional make you to be great persons. So , why hesitate? We need to have System Assurance: Beyond Detecting Vulnerabilities (The MK/OMG Press).

Anita Rodriguez:

You can obtain this System Assurance: Beyond Detecting Vulnerabilities (The MK/OMG Press) by look at the bookstore or Mall. Just simply viewing or reviewing it can to be your solve difficulty if you get difficulties for your knowledge. Kinds of this reserve are various. Not only by simply written or printed but in addition can you enjoy this book through e-book. In the modern era like now, you just looking by your local mobile phone and searching what their problem. Right now, choose your own ways to get more information about your reserve. It is most important to arrange yourself to make your knowledge are still up-date. Let's try to choose suitable ways for you.

**Download and Read Online System Assurance: Beyond Detecting
Vulnerabilities (The MK/OMG Press) Nikolai Mansourov, Djenana
Campara #XG9P17YCDWT**

Read System Assurance: Beyond Detecting Vulnerabilities (The MK/OMG Press) by Nikolai Mansourov, Djenana Campara for online ebook

System Assurance: Beyond Detecting Vulnerabilities (The MK/OMG Press) by Nikolai Mansourov, Djenana Campara Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read System Assurance: Beyond Detecting Vulnerabilities (The MK/OMG Press) by Nikolai Mansourov, Djenana Campara books to read online.

Online System Assurance: Beyond Detecting Vulnerabilities (The MK/OMG Press) by Nikolai Mansourov, Djenana Campara ebook PDF download

System Assurance: Beyond Detecting Vulnerabilities (The MK/OMG Press) by Nikolai Mansourov, Djenana Campara Doc

System Assurance: Beyond Detecting Vulnerabilities (The MK/OMG Press) by Nikolai Mansourov, Djenana Campara Mobipocket

System Assurance: Beyond Detecting Vulnerabilities (The MK/OMG Press) by Nikolai Mansourov, Djenana Campara EPub