



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:

Donna Bradford:

In other case, little individuals like to read book System Assurance: Beyond Detecting Vulnerabilities (The MK/OMG Press). You can choose the best book if you appreciate reading a book. As long as we know about how is important a book System Assurance: Beyond Detecting Vulnerabilities (The MK/OMG Press). You can add information and of course you can around the world by a book. Absolutely right, simply because from book you can understand everything! From your country until foreign or abroad you may be known. About simple point until wonderful thing you can know that. In this era, we can easily open a book or even searching by internet unit. It is called e-book. You should use it when you feel weary to go to the library. Let's read.

Helen Green:

This book untitled System Assurance: Beyond Detecting Vulnerabilities (The MK/OMG Press) to be one of several books that best seller in this year, here is because when you read this book you can get a lot of benefit in it. You will easily to buy this specific book in the book retailer or you can order it by means of online. The publisher in this book sells the e-book too. It makes you more easily to read this book, as you can read this book in your Mobile phone. So there is no reason to you to past this reserve from your list.

Patricia Stewart:

You are able to spend your free time to see this book this e-book. This System Assurance: Beyond Detecting Vulnerabilities (The MK/OMG Press) is simple to bring you can read it in the recreation area, in the beach, train in addition to soon. If you did not include much space to bring the actual printed book, you can buy typically the e-book. It is make you better to read it. You can save the particular book in your smart phone. And so there are a lot of benefits that you will get when you buy this book.

Roxanne Harrelson:

Book is one of source of information. We can add our knowledge from it. Not only for students but native or citizen have to have book to know the revise information of year in order to year. As we know those textbooks have many advantages. Beside most of us add our knowledge, could also bring us to around the world. Through the book System Assurance: Beyond Detecting Vulnerabilities (The MK/OMG Press) we can have more advantage. Don't that you be creative people? To become creative person must prefer to read a book. Merely choose the best book that suitable with your aim. Don't always be doubt to change your life at this book System Assurance: Beyond Detecting Vulnerabilities (The MK/OMG Press). You can more attractive than now.

Download and Read Online System Assurance: Beyond Detecting Vulnerabilities (The MK/OMG Press) Nikolai Mansourov, Djenana Campara #ABQ2SZG6O3K

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