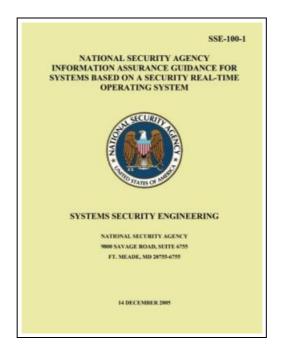
National Security Agency Information Assurance Guidance for Systems Based on a Security Real-Time Operating System: Systems Security Engineering (Paperback)



Filesize: 2.91 MB

Reviews

The publication is easy in read safer to comprehend. It is actually rally intriguing through studying time. I am easily will get a delight of looking at a created publication.

(Claud Feest)

NATIONAL SECURITY AGENCY INFORMATION ASSURANCE GUIDANCE FOR SYSTEMS BASED ON A SECURITY REAL-TIME OPERATING SYSTEM: SYSTEMS SECURITY ENGINEERING (PAPERBACK)



Createspace, United States, 2015. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. The emergence of commercial off-the-shelf (COTS) real-time operating systems (RTOS) with the capability to support processing data at multiple classification levels on a single processor while maintaining the necessary data separation has generated significant interest, particularly by embedded system developers. The opportunity to leverage this technology to reduce size, weight and power requirements or to provide more capabilities within an existing footprint drove the need for appropriate Information Assurance (IA) guidance to enable these gains. The National Security Agency (NSA) established a cross-organizational team to develop the necessary IA guidance and this document is the product of that effort. Within this document the term Security Real- Time Operating System (SRTOS) is defined as a separation kernel-based RTOS that has undergone an appropriate security evaluation. Four operational scenarios are described in detail with the intent that any given embedded system would be similar to one of them. For three of the scenarios detailed IA guidance is provided that can be tailored and applied. The IA guidance for the fourth scenario is that it be rearchitected because any reasonable IA guidance would not provide sufficient protection to counter the threat. The IA guidance provided in this document addresses many topics including the robustness level of components, layering components, component re-evaluation, use of cache and direct memory access, partitioning, scheduling, communications, devices, covert channel analysis, initialization, life cycle protection measures, and other topics. This IA guidance is targeted at the systems engineers and Information Systems Security Engineers (ISSE) that are developing embedded systems that will be based on a SRTOS and will perform security critical functions such as the separation of data at multiple classification levels. The table below is

Read National Security Agency Information Assurance Guidance for Systems Based on a Security Real-Time Operating System: Systems Security Engineering (Paperback) Online

Download PDF National Security Agency Information Assurance Guidance for Systems Based on a Security Real-Time Operating System: Systems Security Engineering (Paperback)

You May Also Like



Write Better Stories and Essays: Topics and Techniques to Improve Writing Skills for Students in Grades 6 - 8: Common Core State Standards Aligned

Createspace Independent Publishing Platform, United States, 2012. Paperback. Book Condition: New. 277 x 211 mm. Language: English. Brand New Book ***** Print on Demand *****.Mr. George Smith, a children s book author, has been...

Save ePub »



Weebies Family Halloween Night English Language: English Language British Full Colour

 $\label{lem:condition:New.229 x 152 mm. Language: English. Brand New Book ***** Print on Demand *****. Children s Weebies Family Halloween Night Book 20 starts to teach Pre-School and...$

Save ePub »



Fart Book African Bean Fart Adventures in the Jungle: Short Stories with Moral

 $Create space, United States, 2013. \ Paperback. \ Book Condition: New. \ 229 x 152 mm. \ Language: English. \ Brand New Book ***** Print on Demand ******. \ Black White Illustration Version! BONUS - Includes FREE Dog Fart Audio Book for...$

Save ePub »



Children's Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

 $Createspace, United States, 2013. \ Paperback. \ Book Condition: New. \ 254 \times 178 \ mm. \ Language: English \ . \ Brand \ New Book ***** Print on Demand ******. ABOUT SMART READS for Kids \ . Love Art, Love Learning Welcome. Designed to...$

Save ePub »



Why Is Mom So Mad?: A Book about Ptsd and Military Families

Tall Tale Press, United States, 2015. Paperback. Book Condition: New. 216 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****. The children's issues picture book Why Is Mom So Mad?...

Save ePub »