Free ebook The practice of network security monitoring understanding incident detection and response richard bejtlich (PDF)

but when they get in you ll be prepared the practice of network security monitoring will show you how to build a security net to detect contain and control them attacks are inevitable but losing sensitive data shouldn t be to optimize an organization s cyber incident response understanding and monitoring key performance indicators kpis is critical these kpis or metrics provide valuable insights into the effectiveness of the incident response strategy and highlight areas for improvement the practice of network security monitoring understanding incident detection and response foreword by todd heberlein preface part i getting started the rationale collecting traffic part ii security onion deployment standalone deployment distributed deployment housekeeping part iii incident management systems use monitoring system outputs and other relevant inputs in order to quickly detect prioritize diagnose and resolve performance issues that are disrupting normal service operation the practice of network security monitoring teaches it and security staff how to leverage powerful nsm tools to identify threats quickly and effectively in the practice of network security monitoring bejtlich provides the theory and the hands on tutorial on how to do network security monitoring the right way the book is a primer on how to think about network security monitoring and incident response the practice of network security monitoring will show you how to build a security net to detect contain and control them attacks are inevitable but losing sensitive data shouldn t be incident response ir involves more than just responding to a security incident ir is a systematic proactive reactive and preventative approach that enables organizations to prepare for detect mitigate and recover from cybersecurity incidents this book walks you through understanding the concepts installing the needed software configuring network monitoring components and using some of the many free solutions for detecting unwanted or malicious traffic but when they get in you ll be prepared the practice of network security monitoring will show you how to build a security net to detect contain and control them attacks are inevitable but the most effective computer security strategies integrate network security monitoring nsm the collection and analysis of data to help you detect and respond to intrusions the practice of network security monitoring understanding incident detection and response abstract network security is not simply about building impenetrable walls determined attackers will eventually overcome traditional defenses in the practice of network security monitoring understanding incident detection and response the author takes the approach that your network will be attacked and breached the practice of network security monitoring understanding incident detection and response is written by richard bejtlich and published by no starch press rhps the digital and etextbook isbns for the practice of network security monitoring are 9781593275341 159327534x and the print isbns are 9781593275099 1593275099 he observes that acritical part of your security posture must be that of network security monitoring nsm which is the collection and analysis of data to help you detect and respond to intrusions in this book bejtlich details how to design a nsm program from the initiation state network security is not simply about building impenetrable walls determined attackers will eventually overcome traditional defenses the most effective this blog emphasizes the importance of monitoring incident management metrics to achieve operational excellence it categorizes metrics into operational performance stability on call and throughput metrics providing clarity on the relevance of each category at atlassian our incident management process includes detection raising a new incident opening comms assessing sending initial comms escalation delegation sending follow up comms review and resolution incident description a detailed description of the nature of the events the impact on those affected and details of any material losses etc incident analysis an initial assessment of who may have perpetrated the incident what caused the incident whether the organisation or staff the practice of network security monitoring will show you how to build a security net to detect contain and control them attacks are inevitable but losing sensitive data shouldn t be the practice of network security monitoring understanding May 24 2024 but when they get in you ll be prepared the practice of network security monitoring will show you how to build a security net to detect contain and control them attacks are inevitable but losing sensitive data shouldn t be

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