

Analista de Segurança

David Pereira

Analista de Redes - Algar Telecom

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O que faz?

- Detecta e previne ameaças cibernéticas.
- Verificação de vulnerabilidades (software, hardware e redes), deve achar métodos para proteção.

Responsabilidades

- Planejar, implementar e atualizar controles e medidas de segurança.
- Estabelecer planos e protocolos para proteção de arquivos digitais e sistemas de informação contra acesso não autorizado, incluindo modificação e ou destruição.

Responsabilidades

- Monitoração de acessos seguros.
- Execução de testes de vulnerabilidades, análise de risco e medidas de segurança.
- Condução de auditorias internas e externas.

Responsabilidades

- Antecipar-se a alertas, incidentes e disastres para diminuição de chances de ocorrência.
- Gerência de redes, Detecção de intrusão e prevenção de intrusão.
- Análise de violações de segurança para determinação das causas raízes.

Responsabilidades

- Recomendação e instalação de ferramentas apropriadas para contramedidas.
- Definição, implementação e manutenção de políticas de segurança.

Responsabilidades

- Treinamento de funcionários na conscientização de procedimentos de segurança.
- Coordenação de planos de segurança em conjunto com empresas externas.

Analista Vs. Administrador

- Analistas e administradores são semelhantes, porém com responsabilidades diferentes.

Analista de segurança.

- Analisam dados e recomendam mudanças. Não autorizam e implementam.

Analista Vs. Administrador

Administrador de segurança.

Garante que os sistemas funcionem como foram desenhados.

Fazem mudanças, aplicam patches e configuram novos usuários administrativos

Mantém os sistemas funcionando.

- Geralmente o Analista executa as mesmas tarefas.

Experiência e exigências

- Depende da necessidade de cada empresa, exige-se de 1 a 5 anos.
- Não se exige um diploma, geralmente são cientistas da computação ou áreas afins.
- Certificações

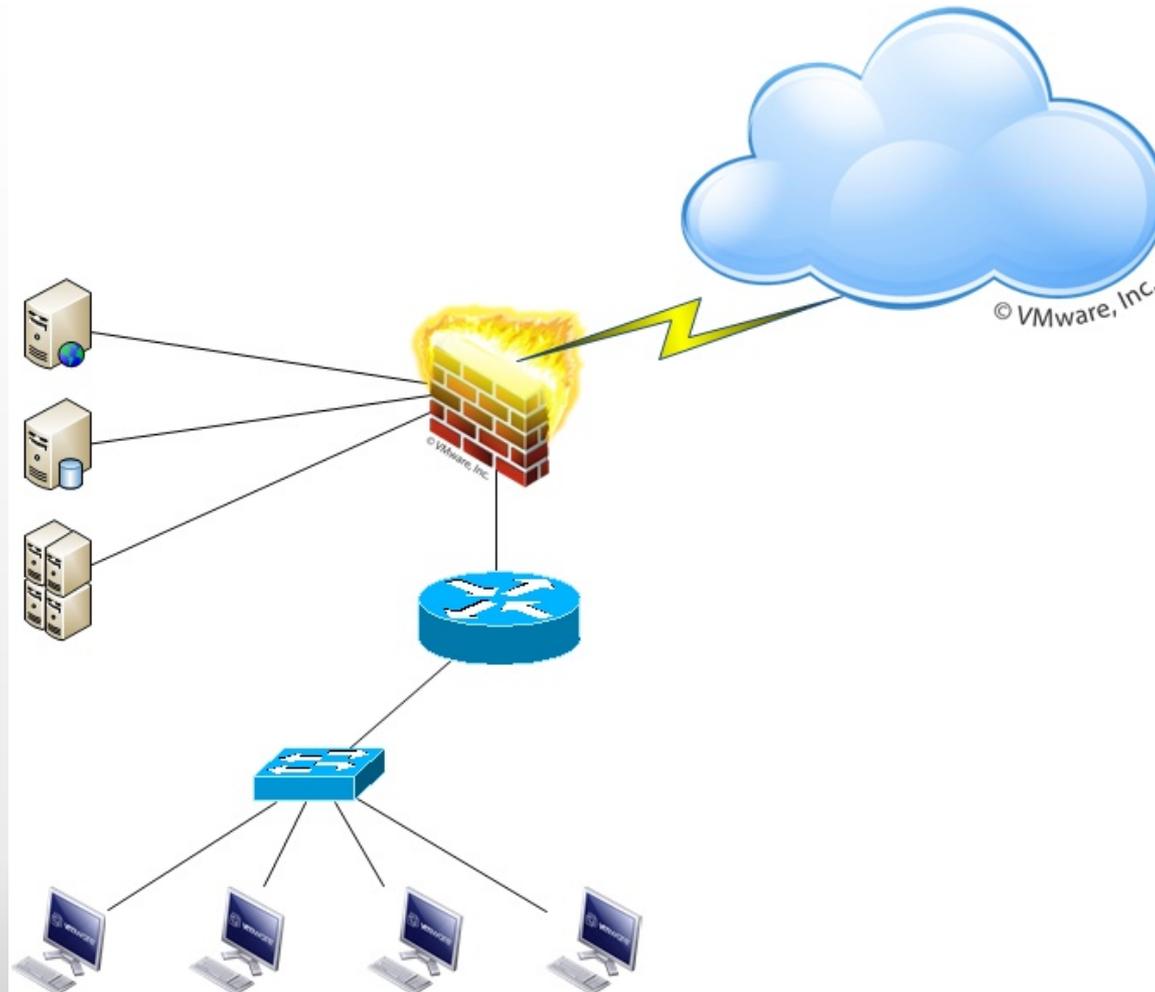
Habilidades exigidas

- IDS / IPS
- DLP, Anti-malware
- Redes de computadores
- Firewalls
- Sistemas Operacionais
- Programação
- Computação em nuvem

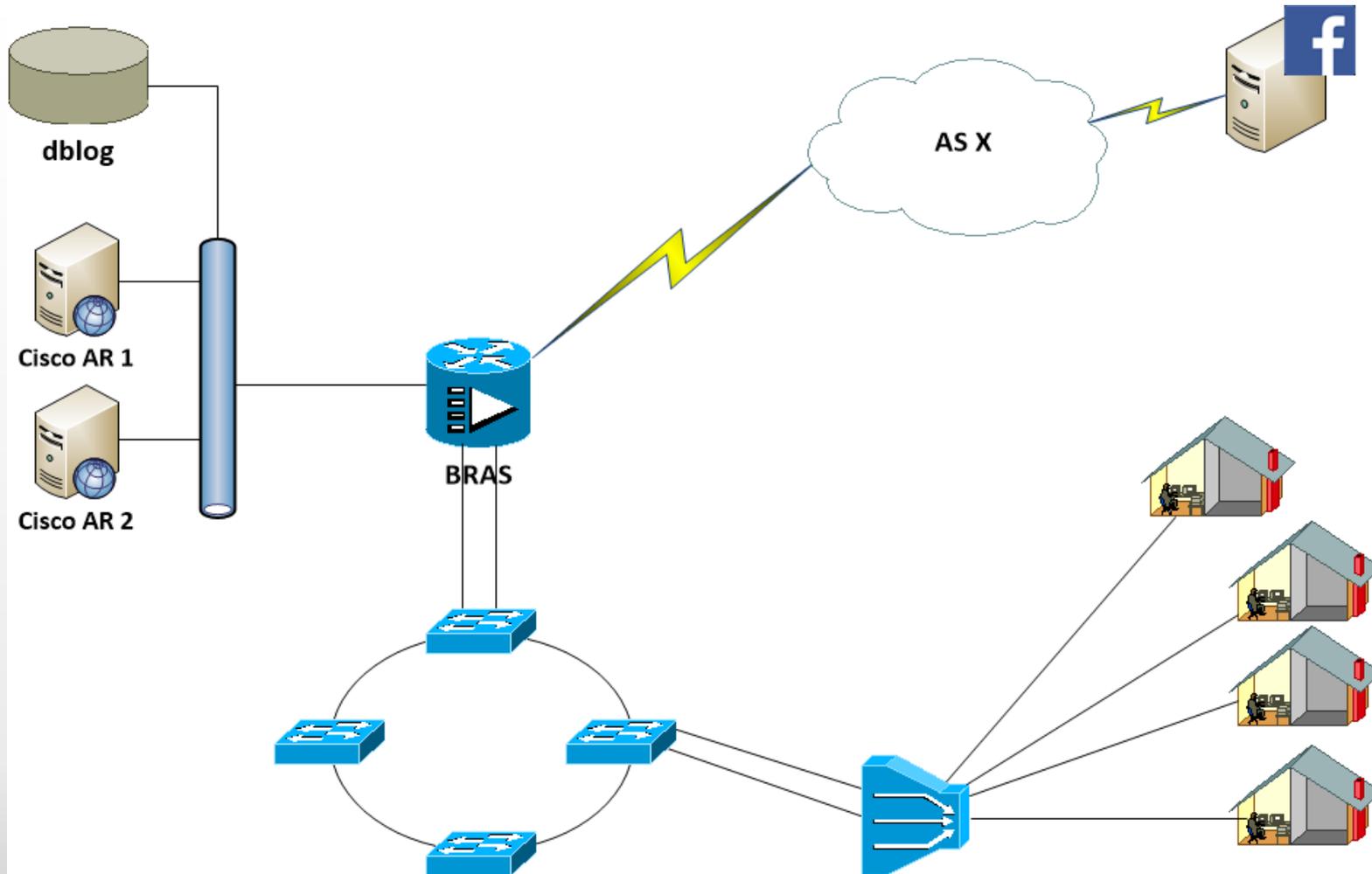
Certificações

- CompTIA Security+
- SSCP (Systems Security Certified Practitioner)
- CEH (Certified Ethical Hacker)

Exemplos de Aplicação



Exemplos de Aplicação



Guia de estudos

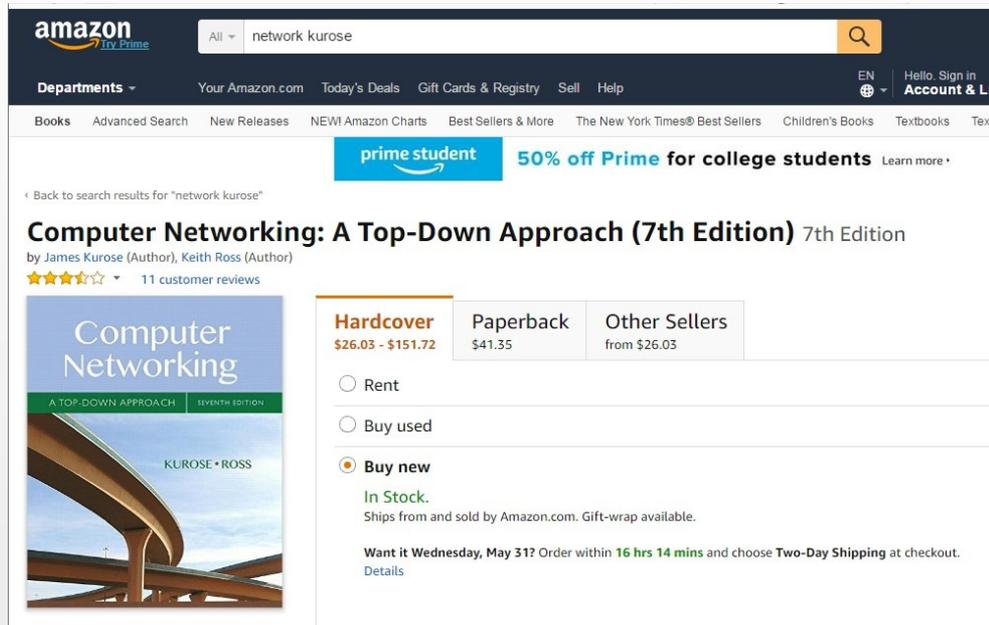
- Redes (CCNA e Livro Apoio)

amazon.com search results for "ccna academic". The product is "CCENT/CCNA ICND1 100-105 Official Cert Guide, Academic Edition 1st Edition" by Wendell Odom. It has 6 customer reviews. The page shows options for eTextbook (from \$60.00), Hardcover (\$44.50 - \$60.41), Book Supplement (\$115.98), and Other Sellers (from \$44.49). The "Buy new" option is selected, with a note that only 18 units are left in stock and it ships from Amazon.com. A "prime student" badge is visible at the top right of the page.

amazon.com search results for "ccna academic". The product is "CCNA Routing and Switching 200-125 Official Cert Guide Library, Academic Edition" by Wendell Odom. It has 59 customer reviews. The page shows options for Hardcover (\$77.68), Book Supplement (\$195.98), and Other Sellers (from \$69.71). The "Buy new" option is selected, with a note that only 1 unit is left in stock and it ships from Amazon.com. A "prime student" badge is visible at the top right of the page.

Guia de estudos

- Redes (CCNA e Livro Apoio)



The screenshot shows the Amazon product page for the book "Computer Networking: A Top-Down Approach (7th Edition)" by James Kurose and Keith Ross. The page features the Amazon logo, a search bar with the query "network kurose", and navigation links. A "prime student" banner offers "50% off Prime for college students". The product title is "Computer Networking: A Top-Down Approach (7th Edition) 7th Edition". The authors are listed as James Kurose (Author) and Keith Ross (Author). The book has a 4.5-star rating from 11 customer reviews. The cover image shows a highway interchange. The pricing section includes options for Hardcover (\$26.03 - \$151.72), Paperback (\$41.35), and Other Sellers (from \$26.03). The "Buy new" option is selected, showing the book is "In Stock" and ships from and sold by Amazon.com. A note indicates the book is available for Two-Day Shipping if ordered by Wednesday, May 31st.

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Computer Networking: A Top-Down Approach (7th Edition) 7th Edition
by James Kurose (Author), Keith Ross (Author)
★★★★☆ 11 customer reviews

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Guia de estudos

- CompTIA Security+

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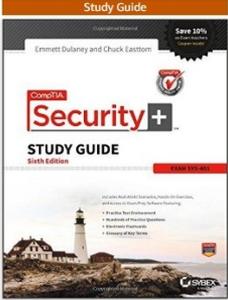
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CompTIA Security+ Study Guide: SY0-401 6th Edition

by Emmett Dulaney (Author), Chuck Easttom (Author)

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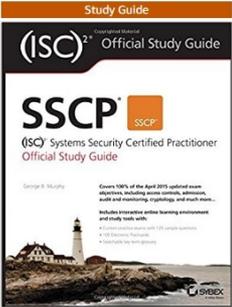
SSCP (ISC)2 Systems Security Certified Practitioner Official Study Guide 1

by George Murphy (Author)

★★★★☆ 18 customer reviews

Look inside

Study Guide



Kindle  from \$48.31

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VIDEO TITLES DESCRIPTIONS

- Welcome (4 min)
- Building a LAB: Concepts (6 min)
- Building a LAB: Networking (9 min)
- Deploy a Kali Linux VM (14 min)

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Computer Networks: Kurose

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Guia de estudos

- Links para compra dos materiais

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<https://www.cbtnuggets.com>

<https://www.cbtnuggets.com/it-training/comptia-security-plus-sy0-401>

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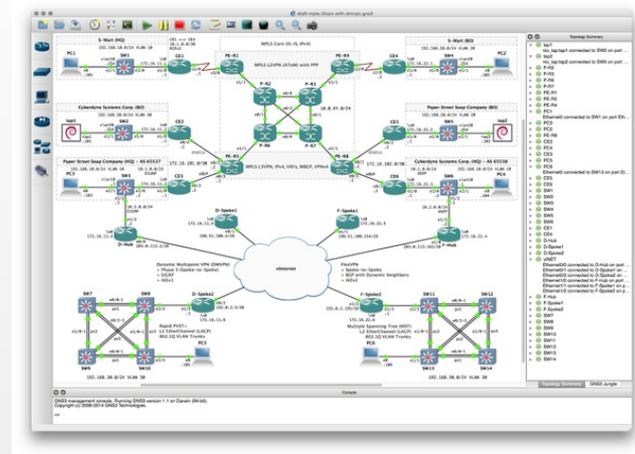
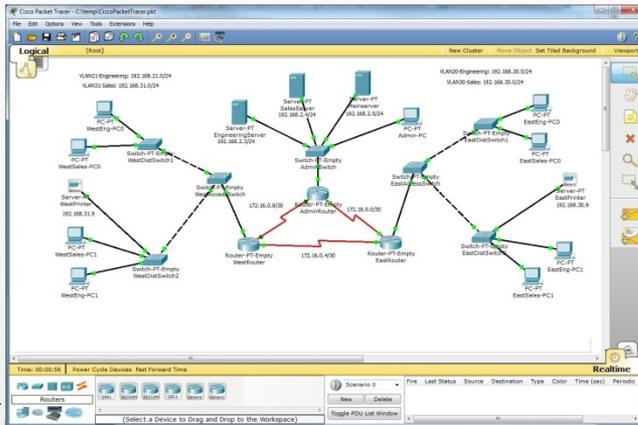
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Ethical Hacking

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Guia de estudos

- Softwares
- Cisco Packet Tracer e ou GNS3



- KVM
- Oracle Virtual Box ou VMware Workstation