







SECURITY O Search Security com SECURITY O Search Security.com Beware trying to have perfect security A sub-question: do you care about compliance, or infection? unless you have infinite budget Software on the PC can tell you whether the system complies with policy, but says nothing about The amount of whether the system is infected money you are spending on security The extra security You get for each External sensors can't tell you about dollar You spend policy compliance, but they are very good at detecting infections



(more about this later)











Control Second Sec

























Search Security come Security come Smart Defenses: Managing Threats, Vulnerabilities and Security Information

You need to consider NAC's interaction with the rest of the world

- Layers 8, 9, and 10 • The all-important religious, political, and economic layers of the OSI model
- (see next hard question)
- Layers 3 through 7
 NAC is already linked to end-point security tools
- What about data sources such as IDS and IPS events?
- What about data streams from SIMs?





















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Action Items: Change in Thinking

- Socialize the changes that NAC will bring before you run into problems and before they start affecting network usage
- Become "forearmed" by making use of existing tools for network discovery and visibility as part of your NAC plans
- Where appropriate, add new visibility tools to your network to support NAC help desk as well as audit and trust-but-verify functions





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Complex and Cross-Platform Solutions Need Extra Care		
Areas of Concern	Potential Issues	
Command-Line Management Links	CLI passwords; clear-text management; credential management; change control	
SNMP Tools	Lack of SNMP authentication in devices; clear-text passwords; UDP lossage; change control	
Client APIs	Registration and impersonation vulnerabilities	
SSL; RADIUS	Certificates and Trusted Roots; Protection of private keys; Renewals	
Data Feeds	Impersonation; Loss; Privacy of Information	44

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Action Items: Security Vulnerabilities

- Work with your vendor to identify areas of "linkage" between components where you need to be concerned
- Identify specific training issues for end-users related to potential vulnerabilities (such as SSL certificates)
- Get outside help to review security vulnerabilities and identify areas for increased vigilance













