



Cyber Security In The NAS

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Nothing New Under The Sun

- Mature Security Practices
 - Defense in Depth
 - Principle of Least Privilege
 - Segregation of Duties
 - Need to Know
 - Confidentiality, Integrity, Availability
- No Silver Bullet, 100%, Total Security
- Strong protection has never been easy, inexpensive or fast

Proven Security Solutions

- Physical Protection
- Network Controls: Admission, Segmentation
- Strong ID, Authentication and Authorization
- Aware Person System (Training and Awareness)
- Intrusion Detection/Prevention
- Integrity Assurance
- Application Whitelisting
- Response and Recovery

Recommendations

- Information Sharing
- Testing and Quality Assurance
- Procurement Language
- Watch other CI/KR sectors
- The “Organism” Model

Questions?



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