

IPv6 Deployment in Polish Army

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Overview

- ◆ IPv6 Technology
 - Pros and cons of IPv6 features
- ◆ Network equipment
 - Routers
 - Crypto devices
- ◆ Applications
- ◆ Research

Features of IPv6

- ◆ Large Address Space
- ◆ Flow Label
- ◆ Mobile IPv6

Concerns about IPv6

- ◆ Security
 - Devices
 - Applications
 - Accreditation
- ◆ Transition
 - No detailed roadmap
 - Co-existence of IPv4 and IPv6 necessary
- ◆ Interoperability
 - National – NATO and national – PfP – key factor

Network Equipment

- ◆ Routers
 - 2006 - IPv6 ready - 70%
 - 2008 - IPv6 ready - 100%
- ◆ IP crypto - not developed yet

Applications

- ◆ COTS applications
- ◆ C2 applications – not IPv6 ready

Research

- ◆ IPv6 in narrowband channels - IPSec and header compression
- ◆ IPv6 QoS demo
- ◆ IP crypto

Conclusions

- ◆ No detailed roadmap
- ◆ Driving forces
 - International interoperability
 - NNEC

Questions

