C Q R

Issues Voting from Experts Workshop on Hardware & Software

Hosted by:

Rohde & Schwarz SIT

Technical Sponsorship by :

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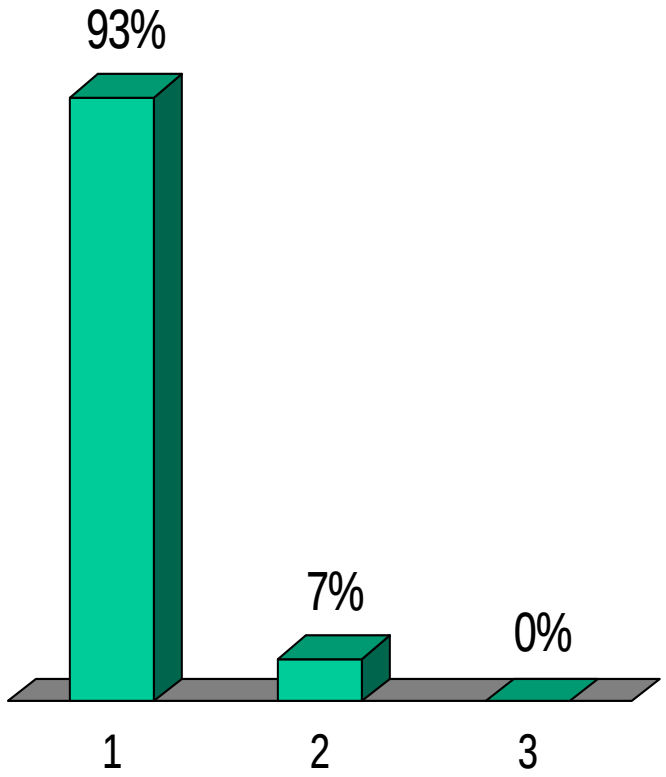
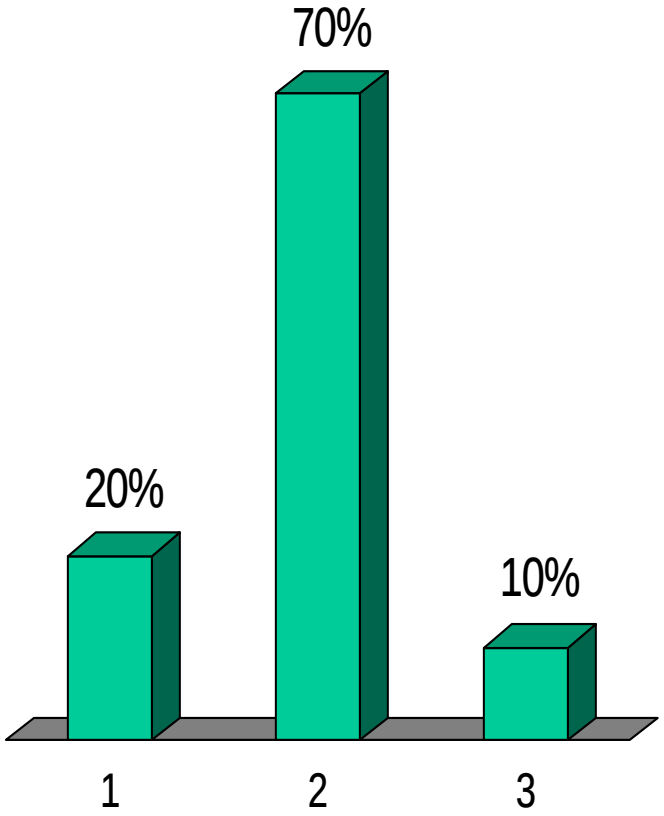
European society and economy are increasingly dependent upon public communications networks (e.g., wireless, internet)

1. Agree for all aspects of society
2. Agree for critical stakeholders such as finance sector, government, and emergency services
3. Disagree, as it is not increasing



The software and hardware *quality* of the systems deployed in Europe's public networks

1. Is generally low
2. Varies greatly
3. Is consistently high



The software and hardware *reliability* of the systems deployed in Europe's public networks

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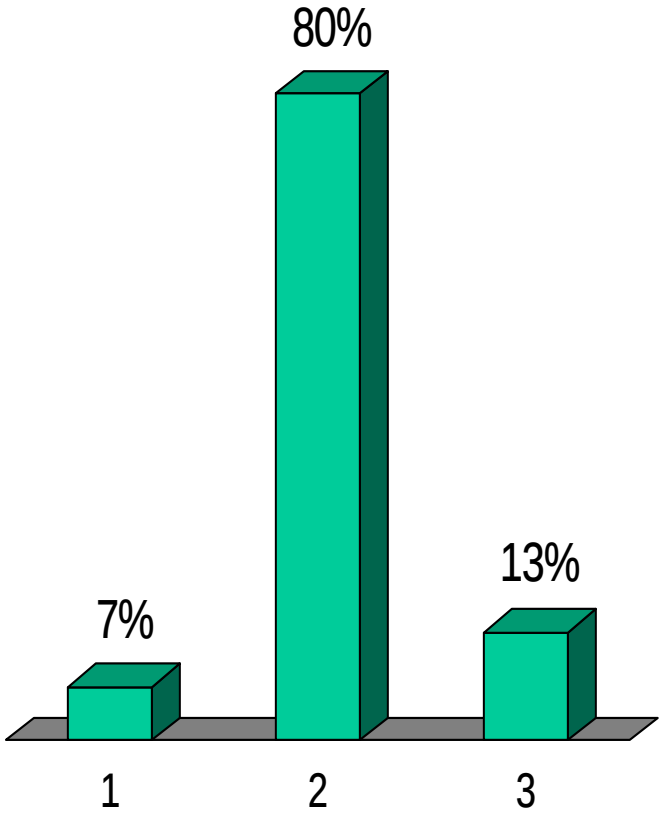

The software and hardware *security* of the systems deployed in Europe's public networks

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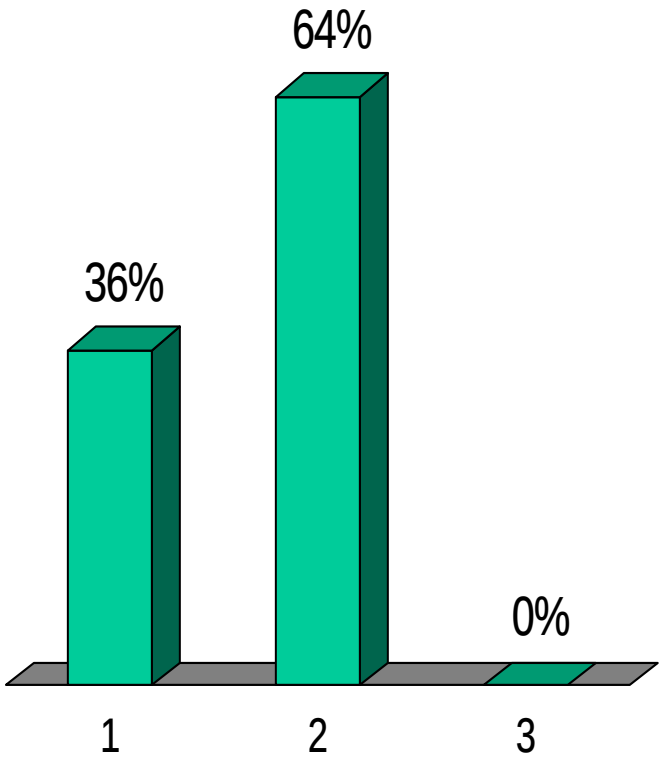
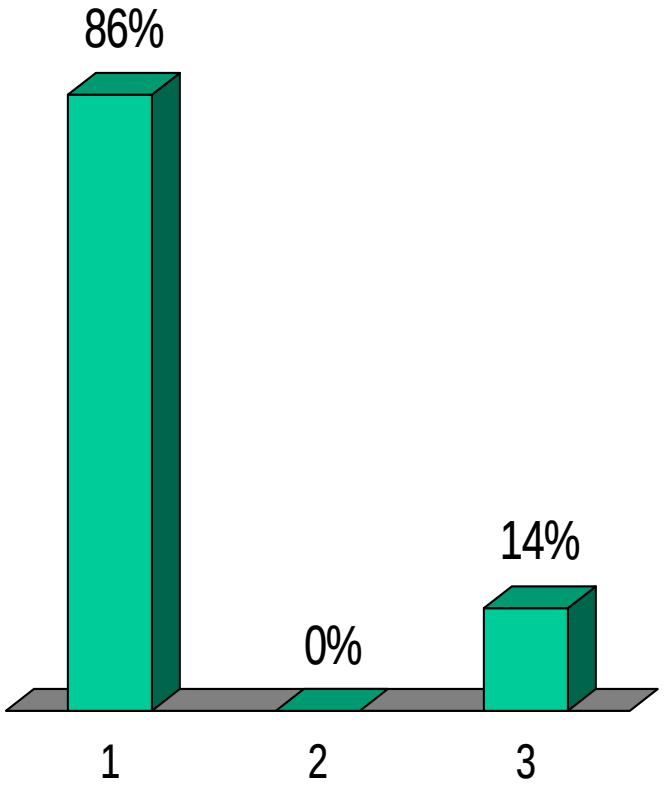


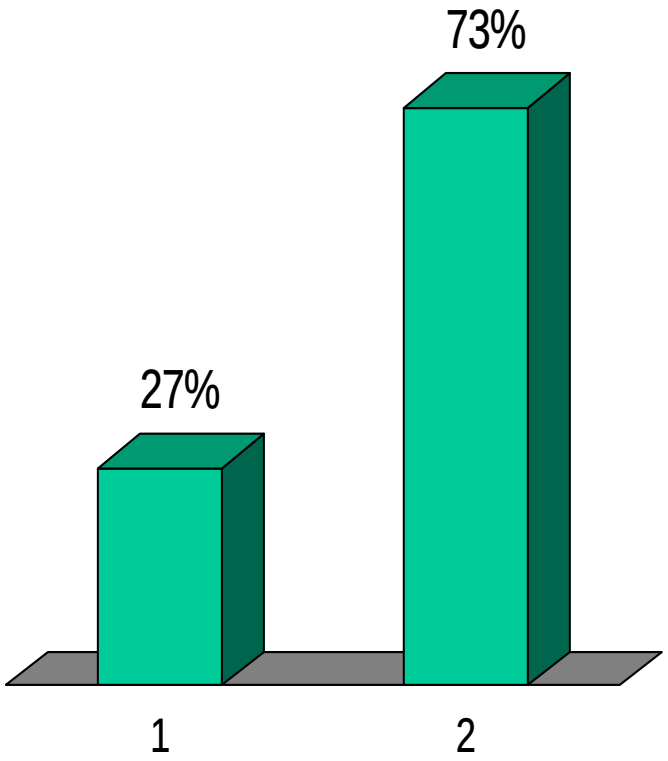
Offshore outsourcing of hardware or software development introduces additional risks to network reliability and security.

1. Agree, and the risks are significant
2. Agree, but the risks are minimal
3. Disagree



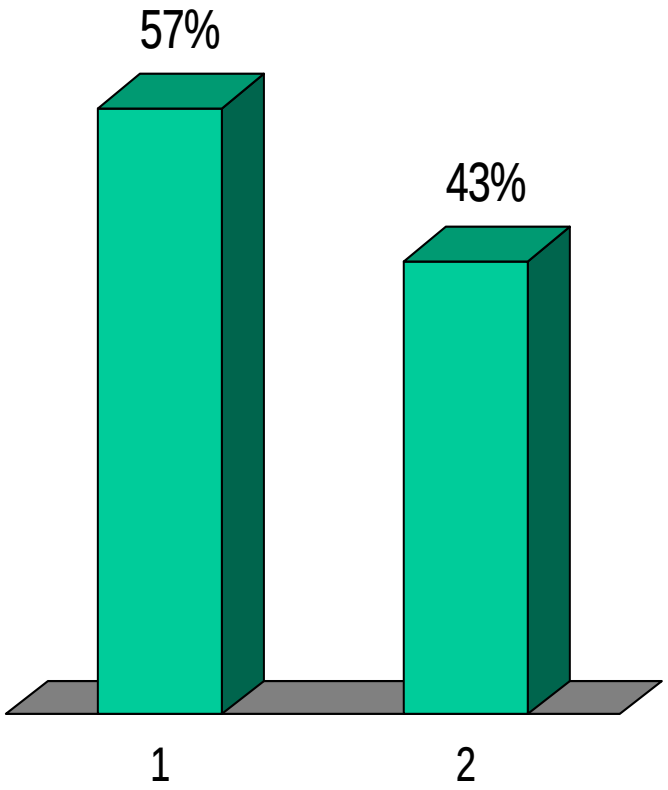
The security needed for future networks can be achieved by existing approaches

1. Agree
2. Disagree



I am familiar with the trusted computing concept (trusted computing group, etc.)

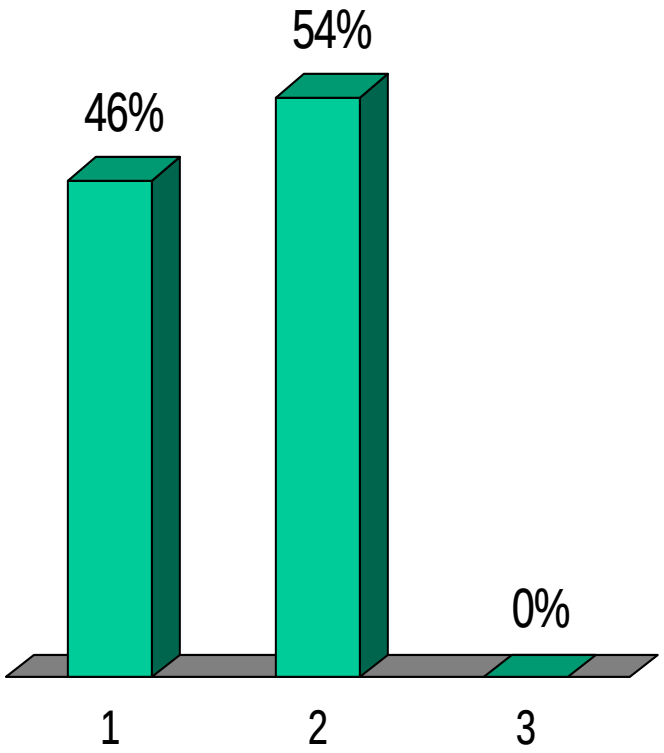
1. Yes
2. No



The likelihood that Europe's public communications networks can be significantly impaired for an extended period of time by a network security attack

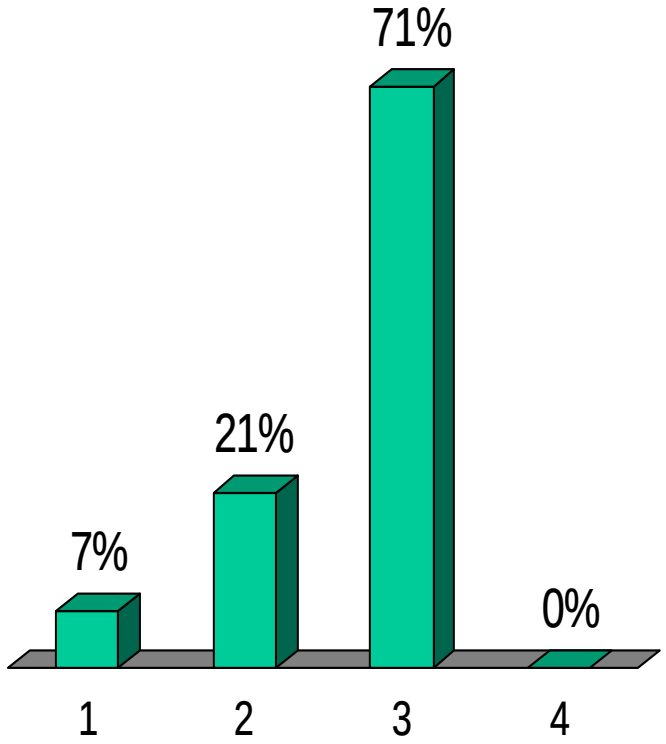
is

1. Very likely
2. Somewhat likely
3. Very unlikely



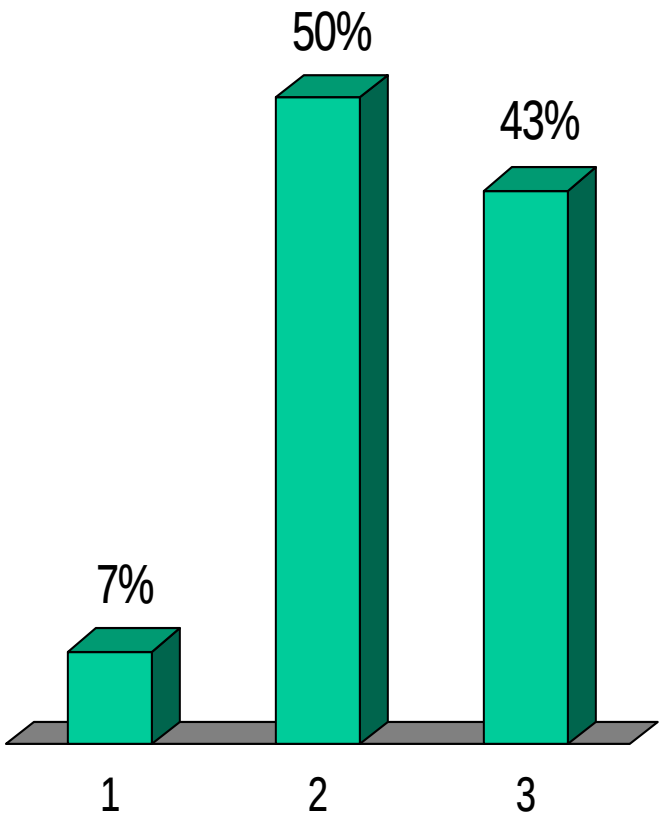
Network interoperability testing between different vendors' systems is

1. Currently done very rigorously and is sufficient
2. Is sometimes done sufficiently
3. Is mostly incomplete
4. Not necessary



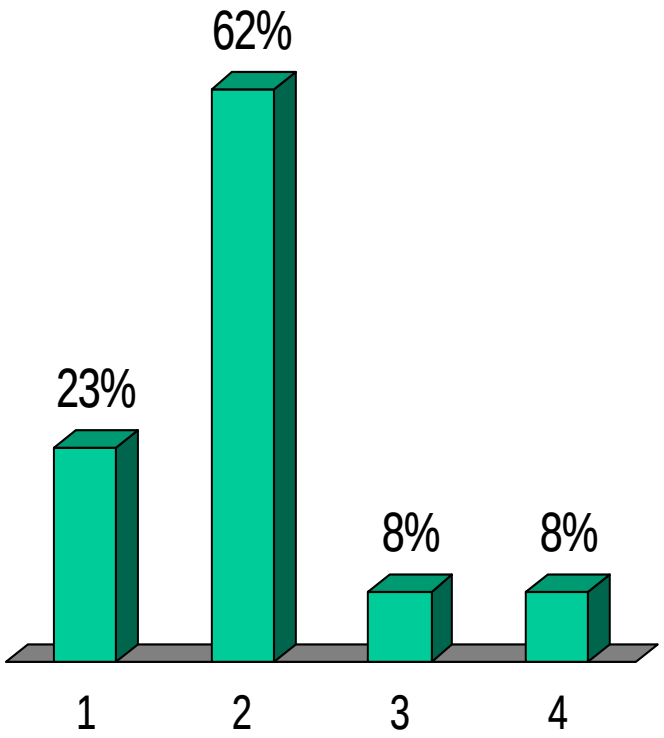
Private sector investments in network reliability and security are

1. Currently at acceptable levels
2. Vary greatly
3. At insufficient levels



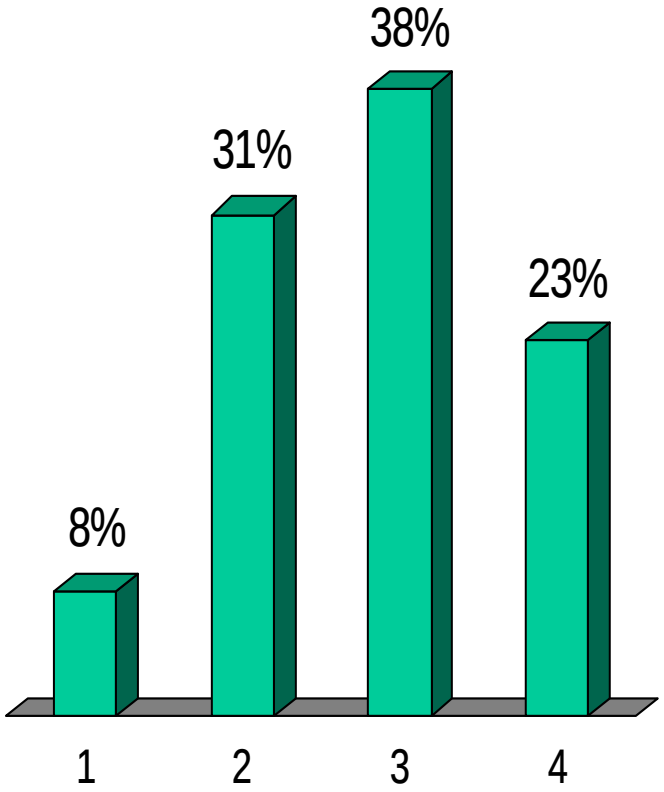
Greater investment in the reliability and security of Europe's networks can best be achieved by:

1. Government economic incentives for private sector investment and *government* leadership
2. Government economic incentives for private sector investment and *private sector* leadership
3. *No* government economic incentives needed
4. *No* need for more investment



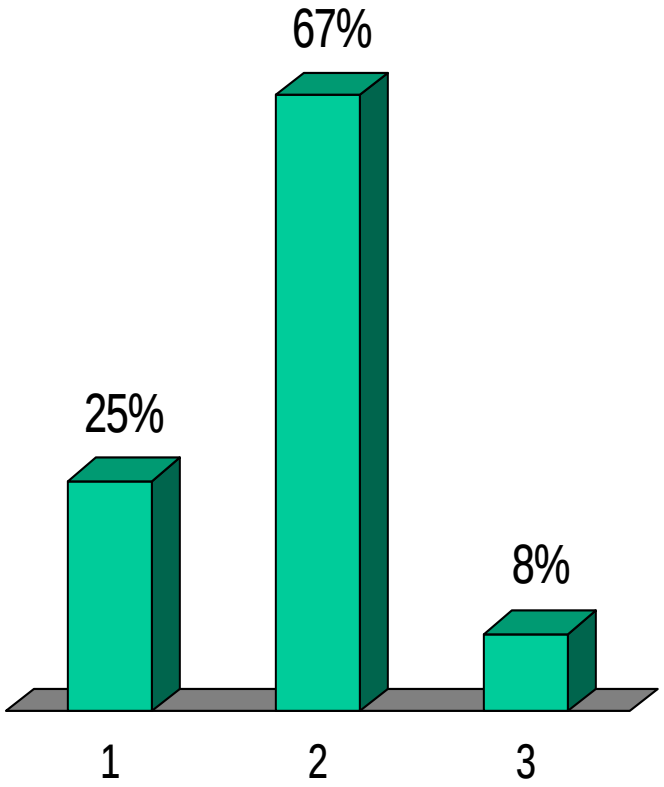
Usage of secure code development rules and guidelines in the ICT industry is

1. Strong
2. Moderate
3. Insufficient
4. Don’t know



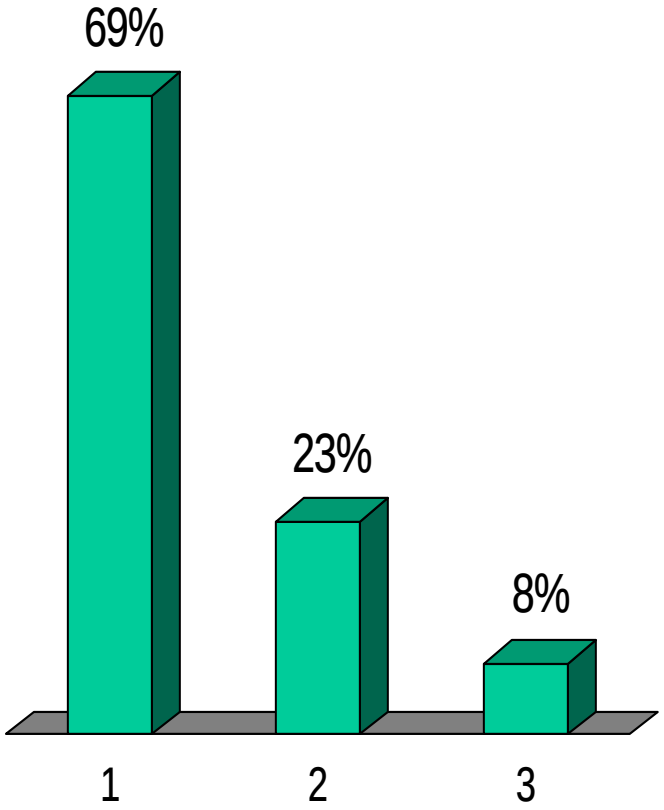
Consistent security metrics (e.g., ISO 18028-2) throughout the Software/Hardware development cycle will

1. Effectively increase security
2. Somewhat improve security
3. Change at minimum level



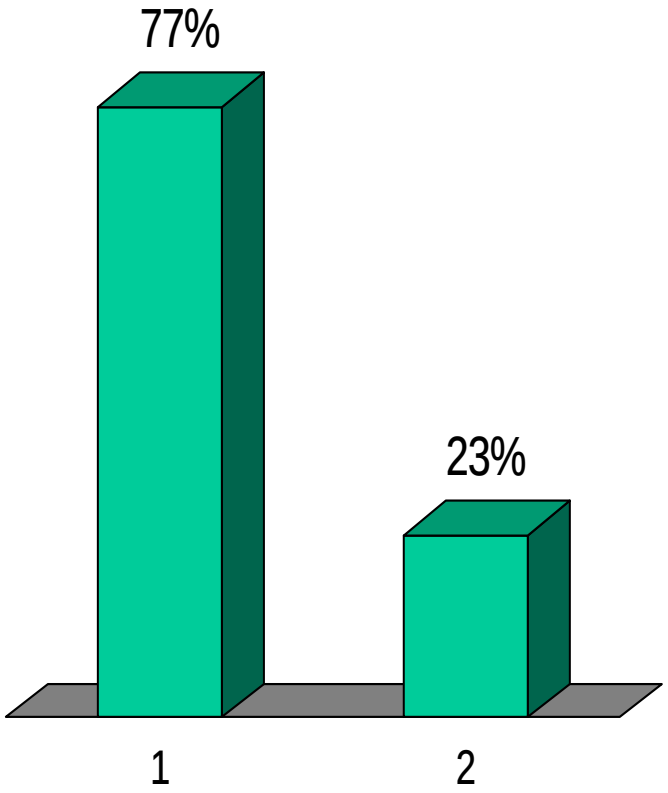
Common hardware platforms will introduce significant risk to reliability and security of networks

1. Agree
2. Somewhat agree
3. Disagree



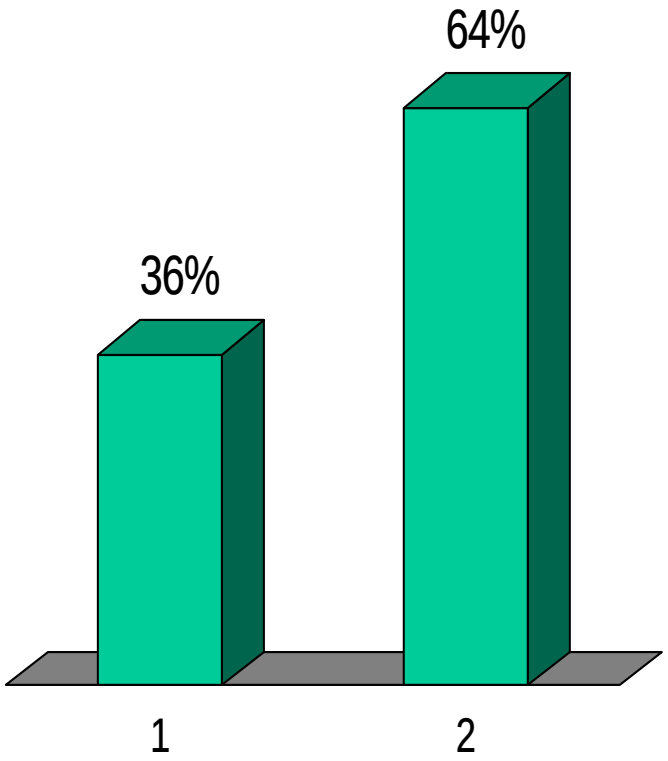
Open Source Software contributes to better reliability and security

1. Yes
2. No



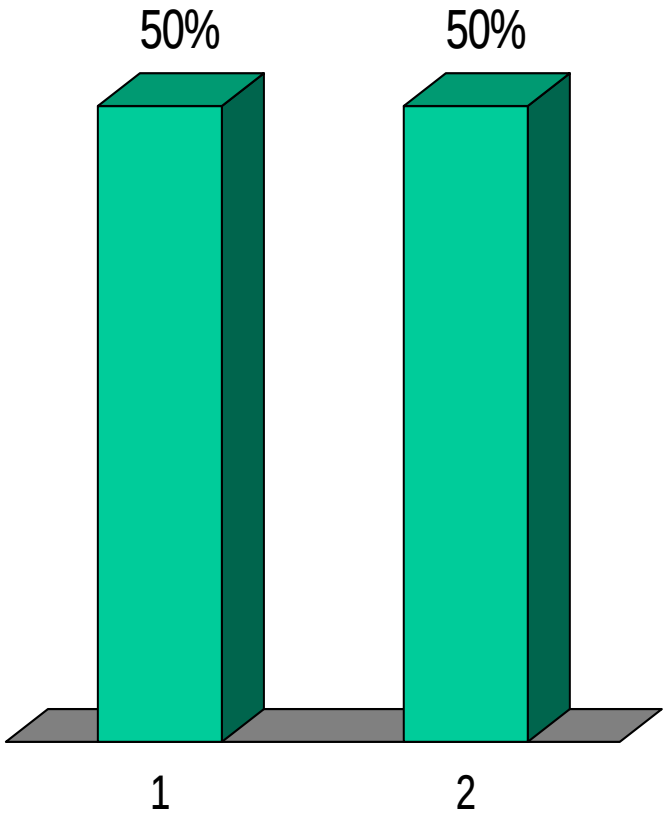
Sharing of security functions (e.g., AAA, Single Sign-On) contributes to better security

1. Yes
2. No



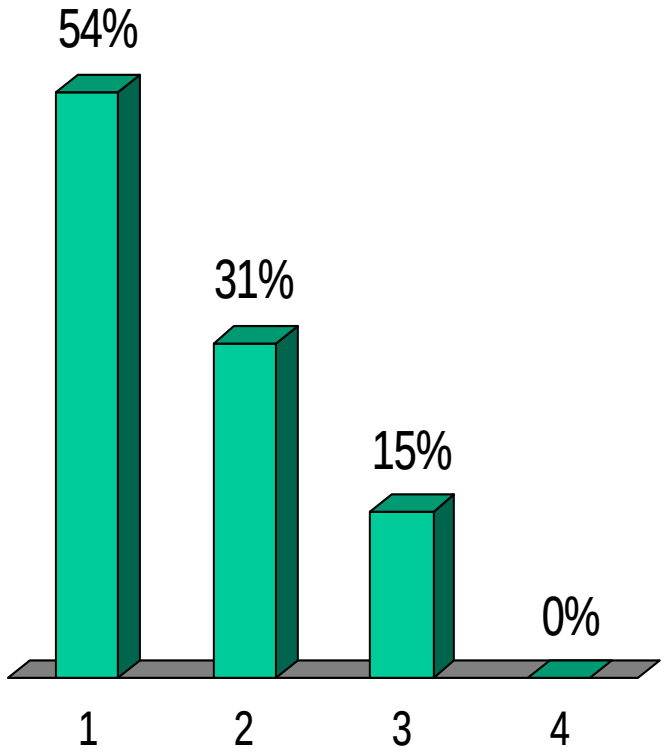
“Segregation of duties” (separate security from other functions) is critical for the software development process

1. Yes
2. No



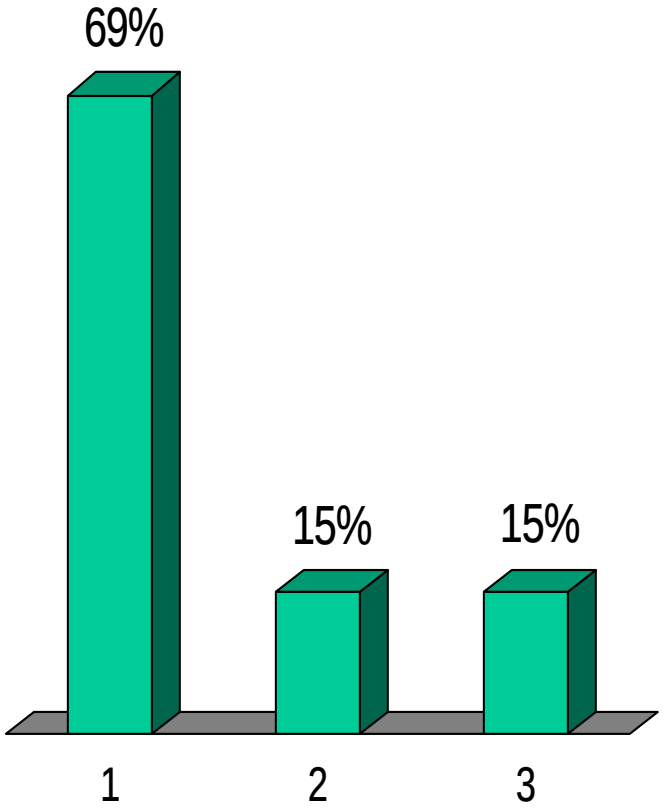
The biggest risk of using common Software and Hardware components is:

1. Possibility of common mode of failure
2. Creation of monopolistic situation
3. Economic stability of supplier
4. No risk



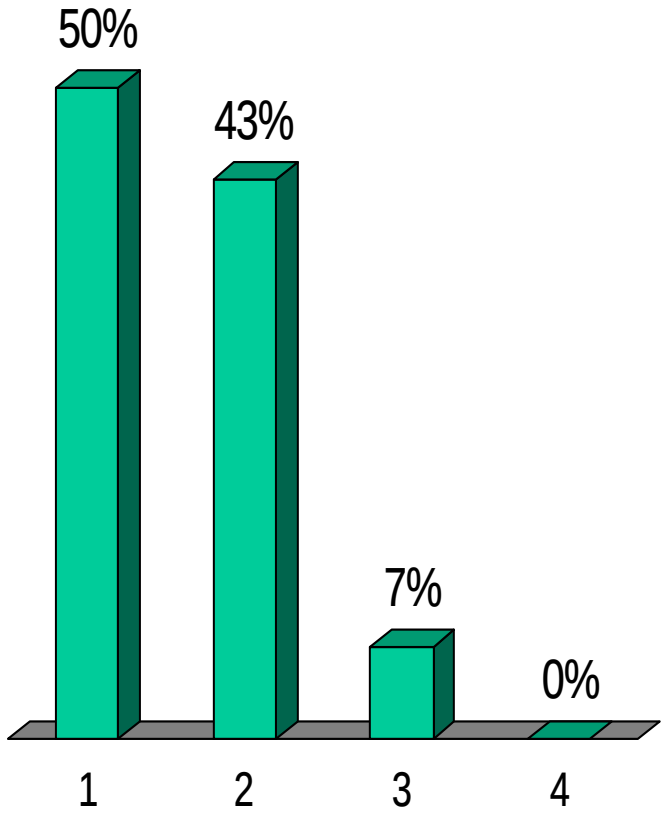
In the future, dependency on expert knowledge will

1. Increase
2. Remain the same
3. Decrease



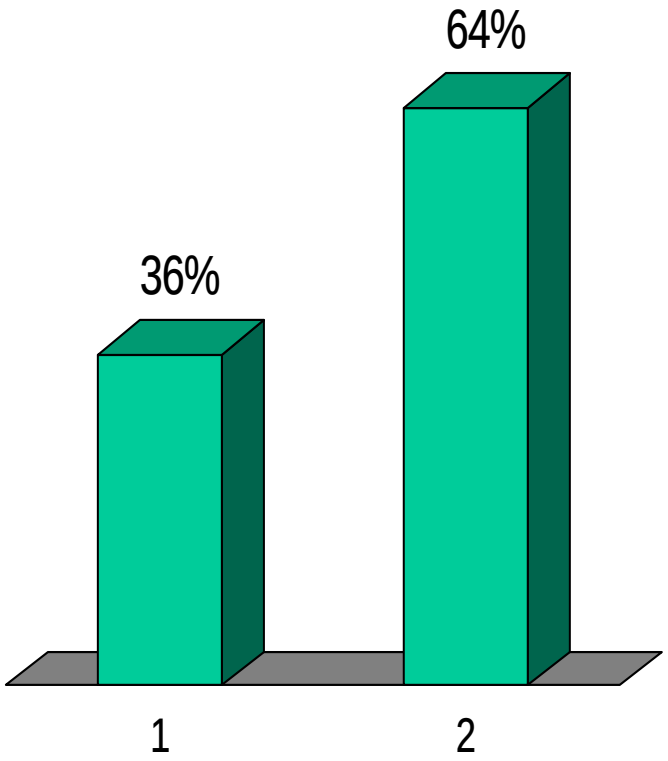
End-device security and reliability (Set-top boxes, smart-phones, etc.) will play greater role in the future

1. Strongly agree
2. Agree
3. Disagree
4. Strongly disagree



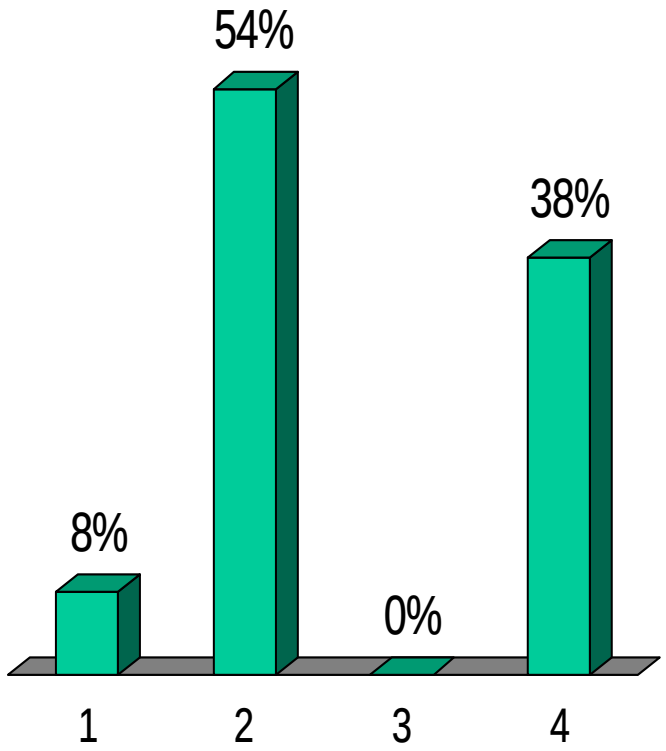
There is a strong need for federated identity technology deployed among various companies and organizations

1. Agree
2. Disagree



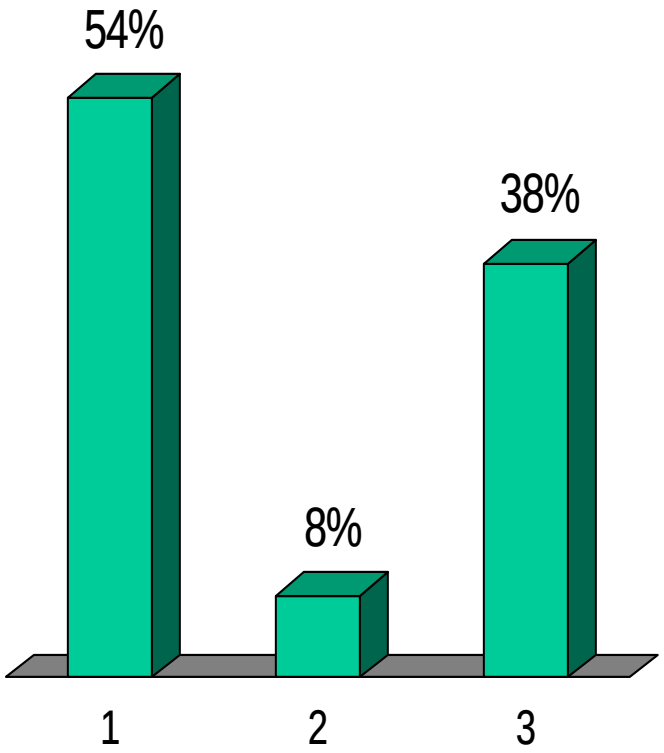
The use of trusted computing in the future. . .

1. Is a “silver bullet”
2. Will moderately contribute to better security
3. Will introduce no change to security
4. Will increase complexity, but worsen security



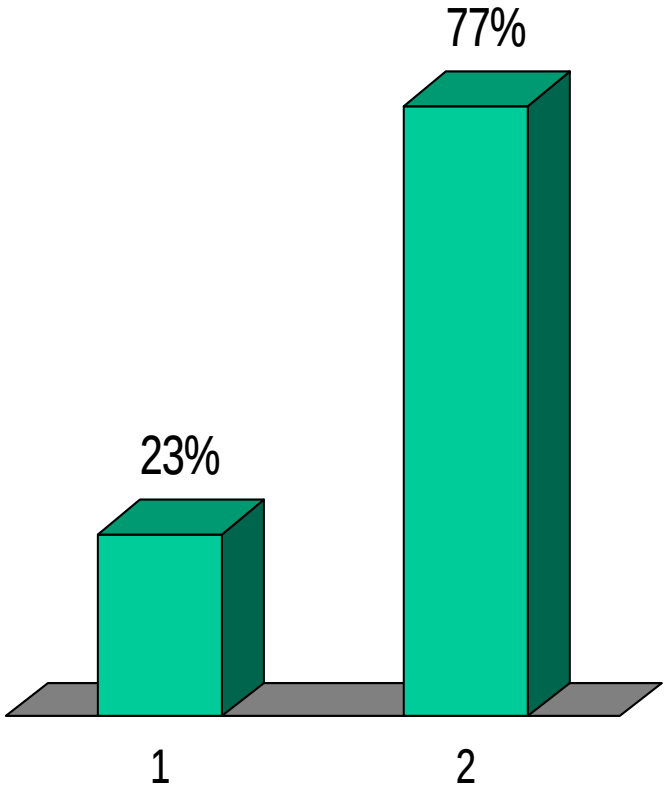
Support of legacy code in the future will be of . . .

1. Increased concern
2. Decreased concern
3. The same concern



Did you fill out the Hardware and/or Software Best Practice section(s) of the survey?

1. Yes
2. No



Did you find the Best Practices . . .

1. Effective
2. Moderately effective
3. Not effective