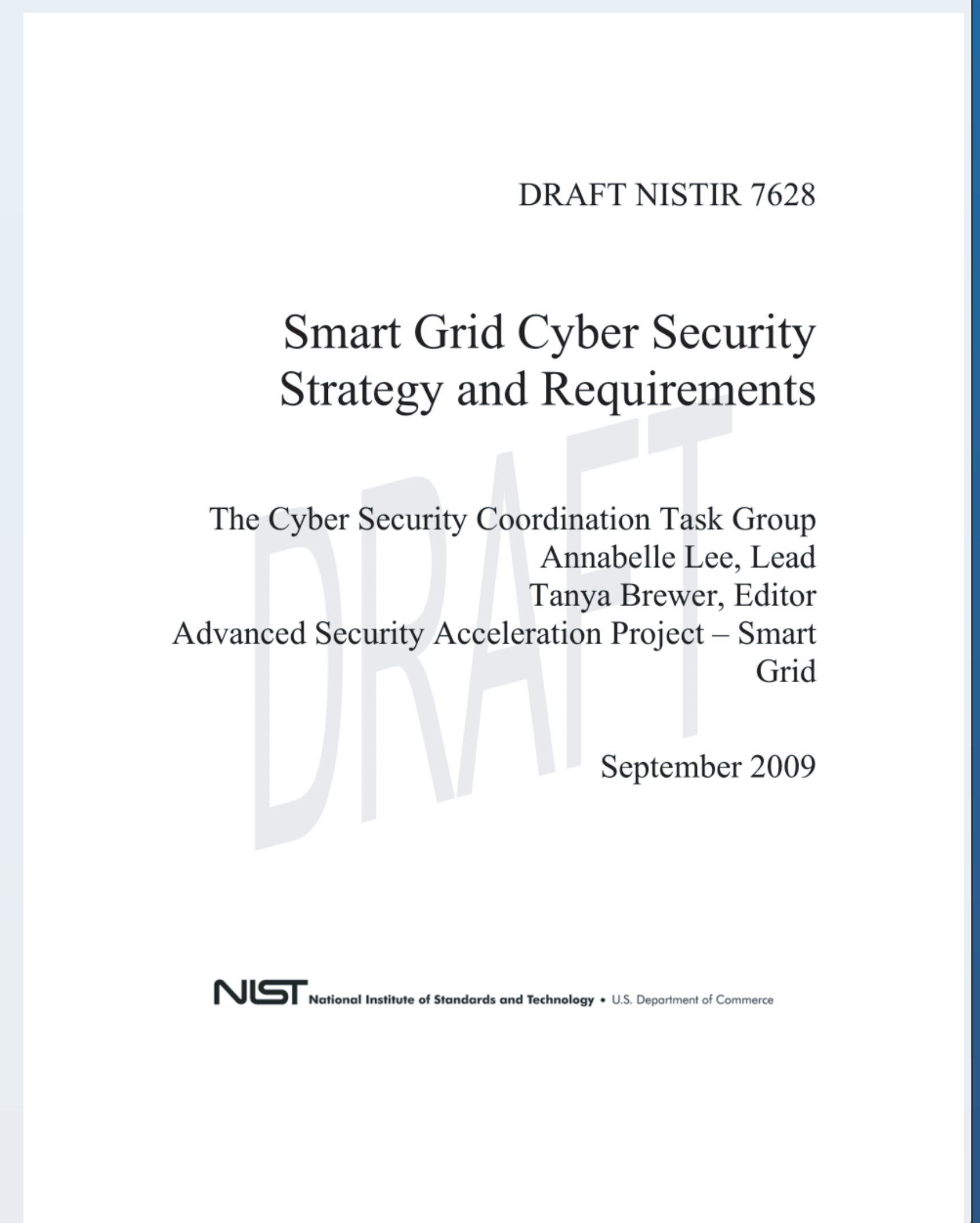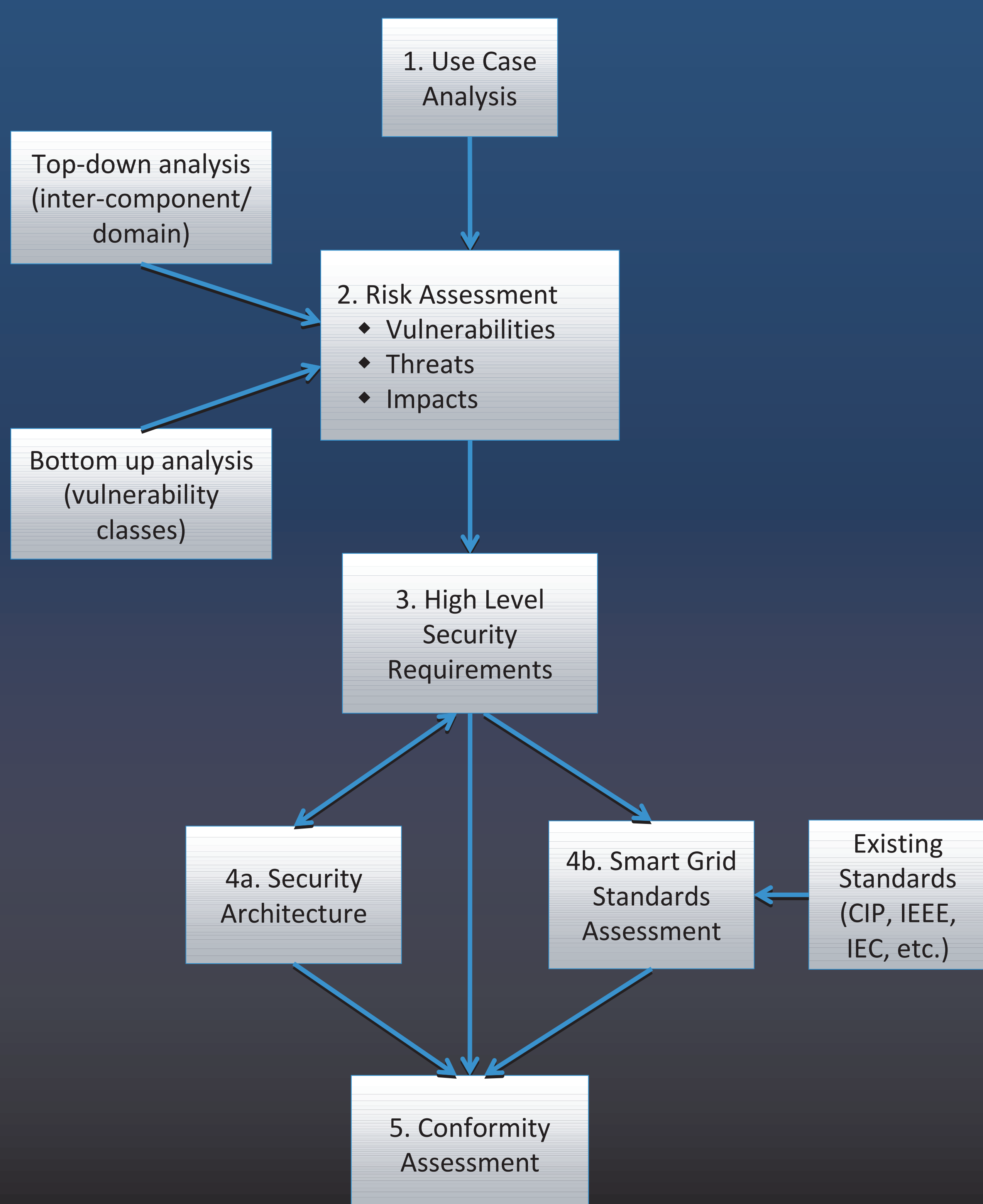# The Smart Grid Cyber Security Coordination Task Group

-Over 300 participants

-Have established several working groups:

Vulnerability Class Analysis

Bottom-Up Assessment

Privacy

Standards Assessment

High-level Requirements

Functional Architecture

Research and Development

-Weekly teleconference

DRAFT NISTIR 7628

Smart Grid Cyber Security
Strategy and Requirements

DRAFT

The Cyber Security Coordination Task Group
Annabelle Lee, Lead
Tanya Brewer, Editor
Advanced Security Acceleration Project – Smart Grid

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NIST National Institute of Standards and Technology • U.S. Department of Commerce

Cyber security strategy...

1. Use Case Analysis

Top-down analysis (inter-component/domain)

2. Risk Assessment
- Vulnerabilities
- Threats
- Impacts

Bottom up analysis (vulnerability classes)

3. High Level Security Requirements

4a. Security Architecture

4b. Smart Grid Standards Assessment

Existing Standards (CIP, IEEE, IEC, etc.)

5. Conformity Assessment

The final product...

-Cyber security strategy

-Privacy impact assessment

-Vulnerability class analysis

-Bottom-up assessment

-Use cases with security considerations

- A set of recommended cyber security requirements

-Security architecture

-Standards assessment

-Research and development topics