



# CORECONF

Andy Bierman  
Michel Veillette  
Peter van der Stok  
Alexander Pelov  
Ivaylo Petrov



# CORECONF in a nutshell

- Like NETCONF/RESTCONF, but enables use with **constrained** devices
- Uses **CBOR** instead of JSON or XML
- Uses globally unique 63 bit unsigned numbers — **SIDs** — to compress YANG item identifiers
- Uses **CoAP** instead of HTTP (“CoMI”)
  
- In other environments, part of the whole suite might be useful

# People



Authors: See slide 1

Document Shepherd: Carsten Bormann

CoRE WG chairs: Jaime Jiménez, Marco Tiloca

Responsible AD for CoRE WG: Barry Leiba



# Documents

- draft-ietf-core-yang-cbor-12: YANG in CBOR
- draft-ietf-core-sid-12: SID concept and allocation process
- draft-ietf-core-comi-09: Mapping to CoAP
- draft-ietf-core-yang-library-01: constrained version of RFC 8525



# Next steps

Resolve open issues:

- Prepare SID system for eventual change of YANG semantics [JS]
- Effect of CORECONF on other I-Ds
- Early allocation in SID draft
- CoMI and yang-library security considerations/access control
- Naming (CORECONF vs CoMI vs something else)

# Timeline



To be discussed!

Likely:

- Authors process comments
- Second WGLC
- Ship to IESG end of April