# The introduction of the design team for SR over IPv6 compression

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# Design team overview

- Design Team Scope from WG Chairs

  "The design team is to produce (rough) consensus recommendations to the WG on two related topics:
  - 1) What are the requirements for solutions to compressing segment routing information for use over IPv6
  - 2) A comparison of proposed approaches to compressing segment routing information for use over IPv6 "

- Members of the design team
  - Co-Chaired by:
    - Cheng Weiqiang of China Mobile and
    - Sander Steffann of SJM Steffann Consultancy
  - The other members of the team are:
    - Ron Bonica of Juniper
    - Darren Dukes of Cisco
    - Cheng Li of Huawei
    - Peng Shaofu of ZTE and
    - Wim Henderickx of Nokia
    - Chongfeng Xie of China Telecom

# How does the design team work?

- Mail list is ready
  - https://www.ietf.org/mailman/listinfo/srcomp
  - The mailing list is private, but the archive can be read by anyone.
- Documents
  - Internet Drafts in Data tracker of IETF
  - The github for other documents
    - https://github.com/IETF-srcomp
    - Archives all minutes and documents and makes them accessible to anyone.
- Meetings
  - e-meetings
    - Bi-weekly meeting
    - Time: we will begin the meetings after IETF 108
    - Meeting tools:  Zoom
  - F2F meetings
    - During IETF meeting

# Outputs and Schedule of the design team

- **Stage 1:  IETF108 to IETF109**
- ✓ **Main Tasks:**
- • Discuss the requirements and metric for  SR over IPv6 compression

  The Design Team focus on  the document to help WG to understand the Problem Statement, Requirements, metric and Scope of SR over IPv6 compression.
- ✓ **Output:**

  Draft:  Requirements  drafts which will cover both data plane and control plane

- **Stage 2:IETF109 - IETF110**
- ✓ **Main Tasks:**

  Data Plane  and control plane solutions discussion and comparison based on Requirements document.

  The Design team will output analysis document.
- ✓ **Input:**

  **drafts: drafts of different solutions for SR over IPv6 compression (DT will poll the drafts in the WG meeting)**
- ✓ **Output:**

  Draft: Solution analysis document including evaluation information based on the requirements document

# On-going work on requirements draft

- The main content for each requirement candidate
  - A "description" to provide clarity
  - A "rationale" to explain why the requirement exists
  - An "metric" that can be evaluated in the analysis to determine how well the solution satisfies the requirement
- draft-cheng-spring-shorter-srv6-sid-requirement  and other existing requirement related drafts can be used as initial input
  - Let's us know other existing requirement related drafts
  - Each of the requirements listed in should be treated as *candidates* to be included in the DT document.

# Comments & Questions?