

# NICE: Non-SIP ICE

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# Motivations

- HIP (draft-ietf-hip-nat-traversal-03)
- MIP (draft-tschofenig-mip6-ice)
- P2PSIP (draft-bryan-p2psip-reload)

Goal: A single mechanism all can use

# ICE Features Removed for NICE

1. multiple streams
2. multiple components per stream
3. updating ICE parameters mid-negotiation
4. restarting ICE
5. role conflict detection
6. ICE mismatches
7. default candidates
8. ice-lite
9. forking support
10. frozen algorithm
11. remote candidates mechanism

# Big Questions

- Proceed or not?
- Subset or not?
- Need to collect specific requirements from using protocols