

IP Address Handling Privacy Text, Redux (IETF 97)

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IP Gathering Permission

Old	New
<p>WebRTC incorporates an explicit permission grant for access to local audio and video, which are typically much more sensitive than the aforementioned IP address information. If the user has consented to media access, this should also allow WebRTC to gather all possible candidates and determine the absolute best route for media traffic.</p>	<p>Gathering all possible candidates SHOULD only be performed when some form of user consent has been provided; this thwarts the typical drive-by enumeration attacks. The details of this consent are left to the implementation; one potential mechanism is to key this off getUserMedia consent. The getUserMedia suggestion takes into account that the user has provided some consent to the application already; that when doing so the user typically wants to engage in a conversational session, which benefits most from an optimal network path, and lastly, the fact that the underlying issue is complex and difficult to explain, making explicit consent for enumeration troublesome.</p>