Origin Validation
Signaling

draft-ymbk-sidrops-ov-signal-03.txt

2019.07.23
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RFC 8097
BGP Prefix Origin Validation
State Extended Community

<table>
<thead>
<tr>
<th>Value</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Lookup result = &quot;valid&quot;</td>
</tr>
<tr>
<td>1</td>
<td>Lookup result = &quot;not found&quot;</td>
</tr>
<tr>
<td>2</td>
<td>Lookup result = &quot;invalid&quot;</td>
</tr>
</tbody>
</table>
But How Does the Receiver Drop Invalids
Drop Invalid as if Receiver Had Detected by Running ROV Itself
And Withdraw All Announcements with the Invalid Origin
Think Route Reflector with Lazy Clients
Trust Boundary

- Only within a PoP
- This is not outsourcing trust
- Do not share with customers or friends
As ROV deploys, it would be really really useful to have something in this space
Request

WG Adoption