

## Your response

| Question   | Your response   |
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| Question 3.1: Do you have further views about<br>the implementation of STIR?   | Secure Telephony Identity Revisited STIR<br>The industry-led solutions STIR have been<br>officially endorsed by the Canadian Radio-<br>television and Telecommunications<br>Commission (CRTC) <sup>3</sup> and Federal<br>Communications Commission (FCC) to fight<br>spoofed robocall, so as per my opinion very<br>much required to implement asap. |
| Question 3.2: Are there any other approaches<br>we should consider for addressing CLI<br>authentication?   | You can check and try for the below :<br><u>https://blog.gruntwork.io/a-guide-to-</u><br><u>automating-hashicorp-vault-3-authenticating-</u><br><u>with-an-iam-user-or-role-a3203a3ee088</u>  |
| Question 3.3: Do you agree a common<br>database would be required to support the<br>implementation of STIR?  | STIR will help service provider customers trust<br>their phone again and feel more comfortable<br>answering verified phone calls.   |
| Question 3.4: What are your views on using<br>blockchain technology as the basis for a<br>common numbering database to support CLI<br>authentication? What other solutions do you<br>think should be considered and why? | Block chain will help as below -<br>Improved customer experience when moving a<br>number between providers.<br>Lower regulatory and business costs.<br>Increased industry agility, and<br>More effective management of nuisance calls<br>and fraud  |
| Question 3.5: What are your views on timeframes?   | Can't able to comment as didn't aware about the other conditions .  |
| Question 4.1: What are your views on the<br>current implementation of number portability<br>in the fixed and mobile sectors?   | Standard database is very much required as<br>well as streamlined process to get the regular<br>updates of new original network and current<br>networks with numbers are very much required<br>to strengthen.   |
| Question 4.2: What are your views on sharing<br>the functionality of a common numbering<br>database for CLI authentication to also<br>support improvements in UK porting<br>processes?                                   | CLI authentication is very much required to avoid the fraud issues .  |
| Question 4.3: We are currently supporting a<br>blockchain pilot. Do you have any views on<br>using this technology for port transactions and   | Its really a good one.  |

| a routing database? Are there other alternatives that should be considered?   |  |
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| Question 4.4: What are your views on<br>implementation timeframes and the<br>importance of a common database solution<br>being available to support the migration of<br>telephony services to IP?   | common database solution will help a lot to<br>support the migration of telephony services to<br>IP.   |
| Question 5.1: What are your views on the<br>potential for a common database solution to<br>also provide shared functionality to support<br>number management?   | My idea -1) first we should have standardized<br>format in excel as below ,where we can get the<br>after country code which all levels are valid till<br>2 <sup>nd</sup> digit or 3 <sup>rd</sup> digits and so on .                               |
|   | So we can able to exactly locate which all series are valid in that country .  |
|   | Benefit: we can block the invalid /non<br>operational levels in our switches ,so we can<br>avoid the junk traffic/dialer traffic as well as<br>fraud traffic.  |
|   | <ul> <li>2) we should have each country (0-9) for each level Min and Max length info ,so we can set in our switch.</li> <li>Benefit -Avoid the junk traffic as well as improve the performance and ASR/NER etc.</li> </ul>                         |
| Question 5.2: What do you see as the benefits<br>or disbenefits of changes to number<br>management post PSTN retirement?  | Very much required to avoid the fraud traffic as well as avoid the junk traffic .  |
| Question 6.1: Do you agree, in principle, with<br>the need to develop and adopt a common<br>numbering database? If not, why not?  | Agree  |
| Question 6.2: If you do not agree with the<br>need to develop and adopt a common<br>numbering database, do you have any<br>suggestions on how the issues we have set out<br>in this consultation could be addressed?  | I agree with the need to develop and adopt a common numbering database.  |
| Question 6.3: Do you agree that in the first<br>instance industry should lead the<br>implementation of a common numbering<br>database, with Ofcom providing support to<br>convene and coordinate key activities? If not,<br>what are your views on how implementation<br>should be taken forward? | Yes agree that some one need to lead for the<br>common, centralized database. ITU keeping the<br>database but its very old and no surety it get<br>updated time to time, its dependent on the<br>owner PTT ,whether they want to update or<br>not. |