In partnership with Telecom_BIT, we asked 5G industry experts for their opinions on the current state of risks, vulnerabilities, and security. Here are the results:

What are the greatest vulnerabilities to security threats in 5G?

- 44% of respondents believe that open access networks are a security risk.
- 36% of respondents believe that open network vulnerabilities are a security risk.
- 32% of respondents believe that Open RAN is more of a security risk than a traditional RAN architecture.

Is Open RAN more of a security risk than a traditional RAN architecture?

- 45% of respondents believe that Open RAN is more of a security risk than a traditional RAN architecture.
- 40% of respondents believe that edge infrastructure outweighs the risk of an increased attack surface across the network.

Does the benefit of edge infrastructure outweigh the risk of an increased attack surface across the network?

- 75% of respondents believe that edge infrastructure outweighs the risk of an increased attack surface across the network.

To what extent is security testing adequately done by RAN equipment vendors, OTICs, and R-Core Plugfests?

- 70% of respondents believe that security testing is adequately done by RAN equipment vendors, OTICs, and R-Core Plugfests.
- 65% of respondents believe that security testing is a top priority for network operators.

Greatest perceived security risks in the Open RAN RIC

- 50% of respondents believe that network visibility is required for secure 5G networks.
- 45% of respondents believe that 5G network architecture is a critical component for security.
- 40% of respondents believe that 5G network deployment is critical for security.

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