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| --- | --- | --- | --- | --- | --- | --- | --- |
| Propostas | Segurança | Roteamento | Computação em Nuvem | | | Ad- Hoc | Sistemas Distribuídos |
| VC | VuC | HVC |
| Liu *et al.* |  | X |  | X |  |  |  |
| Hajji e Bargaoui |  |  |  | X |  |  | X |
| **Eltoweissy** |  |  | **X** |  |  | **X** |  |
| Yan *et al*. | X |  | X |  |  | X |  |
| Hussain *et al*. |  |  | X | X | X | X |  |
| Qin *et al*. |  |  |  | X |  |  |  |
| Falchetti *et al*. |  |  | X |  |  | X |  |
| Lee *et al*. |  |  | X |  |  | X |  |
| Gerla |  |  | X |  |  | X |  |
| Sookhak *et al*. | X |  |  | X |  |  |  |
| Comi *et al*. |  |  |  | X |  |  | X |
| Dorri *et al*. | X |  |  | X |  |  | X |
| **I9VANET** | **X** | **X** |  | **X** | **X** |  | **X** |

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| Proposals | Security | Routing | Cloud computing | | | Ad- Hoc | Distributed systems |
| VC | VuC | HVC |
| Liu et al [12] |  | X |  | X |  |  |  |
| Hajji e Bargaoui [13] |  |  |  | X |  |  | X |
| **Eltoweissy [14]** |  |  | **X** |  |  | **X** |  |
| Yan et al. [15] | X |  | X |  |  | X |  |
| Hussain et al. [16] |  |  | X | X | X | X |  |
| Qin et al. [17] |  |  |  | X |  |  |  |
| Falchetti et al. [11] |  |  | X |  |  | X |  |
| Lee et al. [18] |  |  | X |  |  | X |  |
| Gerla [20] |  |  | X |  |  | X |  |
| Sookhak et al. [21] | X |  |  | X |  |  |  |
| Comi et al. [22] |  |  |  | X |  |  | X |
| Dorri et al. [23] | X |  |  | X |  |  | X |
| **I9VANET** | **X** | **X** |  | **X** | **X** |  | **X** |

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| Proposals | Security | Routing | Cloud computing | | | Ad- Hoc | Distributed systems |
| VC | VuC | HVC |
| Liu *et al.* |  | X |  | X |  |  |  |
| Hajji e Bargaoui |  |  |  | X |  |  | X |
| **Eltoweissy** |  |  | **X** |  |  | **X** |  |
| Yan *et al.* | X |  | X |  |  | X |  |
| Hussain *et al*. |  |  | X | X | X | X |  |
| Qin *et al.* |  |  |  | X |  |  |  |
| Falchetti *et al*. |  |  | X |  |  | X |  |
| Lee *et al.* |  |  | X |  |  | X |  |
| **I9VANET** | **X** | **X** |  | **X** | **X** |  | **X** |

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| Link | Bandwidth (Kpbs) | Bandwidth (Mbps) |
|
| 2G | 400 | 0.4 |
| 3G | 2.000 | 2 |
| 4G | 100.00 | 100 |
| 5G | 10.000.000 | 1.000 |