GUIAO 1

2.1-

<http://www.ua.pt/> -- 193.136.173.58

ua.pt -- 193.136.172.175

<http://www.tvi.iol.pt/> -- 193.126.240.138

<http://www.sapo.pt/> -- 213.13.146.142

<http://www.tsf.pt/> -- 148.69.168.38

<http://www.antena3.pt/> -- 94.46.160.176

<http://www.rtp.pt/> -- 146.75.90.192

<http://www.publico.pt/> -- 108.157.98.54

<http://www.google.com/> -- 142.250.200.68

<http://www.google.pt/> -- 216.58.215.131

<http://www.google.es/> -- 142.250.200.131

<http://www.google.fr/> -- 142.250.201.67

2.2-

193.136.173.58. -- lvs-ng.ua.pt

193.137.55.13 -- [www.up.pt](http://www.up.pt)

157.240.212.35 -- edge-star-mini-shv-01-lis1.facebook.com

31.13.66.174 -- instagram-p42-shv-01-iad3.fbcdn.net

3.1-

<http://www.ua.pt/> -- 17ms

[www.up.pt](http://www.up.pt) -- 22ms

<http://www.fc.ul.pt/> --

<http://www.utad.pt/> -- 16ms

<http://www.uevora.pt/> -- 25ms

<http://www.uam.es/> -- 35ms

<http://www.univ-paris8.fr/> -- 75ms

web.mit.edu. --- 35ms

<http://www.unisa.ac.za/> -- 350ms

<http://www.adelaide.edu.au/> -- 410ms

<http://www.tanzaniatourism.go.tz/> --

4.1

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| **Addresses** | **Number of machines** | **IP address of the antepenultimate machine in the path** |
| http://www.ua.pt/ | 1, resto loop \* | 192.168.63.254 |
| http://www.up.pt/ | 8 | 193.136.1.10 |
| http://www.fc.ul.pt/ | 8, resto loop \* | 194.210.6.207 |
| http://www.utad.pt/ | 5, resto loop \* | 193.136.4.26 |
| http://www.uevora.pt/ | 8, resto loop \* | 194.210.6.207 |
| http://www.uam.es/ | 17, resto loop \* | 81.17.240.51 |
| http://www.univ-paris8.fr/ | 15, resto loop \* | 193.51.177.109 |
| web.mit.edu | 9, resto loop \* | 194.210.6.203 |
| http://www.unisa.ac.za/ | 17, resto loop \* | 155.232.1.163 |
| http://www.adelaide.edu.au/ | 17, resto loop \* | 113.197.15.44 |
| jornalnopintcha.gw | 17, resto loop\* | 212.3.235.26 |

5.1-

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| --- | --- | --- |
| **IP address** | **Responsible entity** | **Location of the entity** |
| 192.168.63.254 |  |  |
| 193.136.1.10 | Fundacao para a Ciencia e a Tecnologia, I.P. | PT |
| 194.210.6.207 | Fundacao para a Ciencia e a Tecnologia, I.P. | PT |
| 193.136.4.26 | Fundacao para a Ciencia e a Tecnologia, I.P. | PT |
| 194.210.6.207 | Fundacao para a Ciencia e a Tecnologia, I.P. | PT |
| 81.17.240.51 | Blacknight Network Infrastructure | IE |
| 193.51.177.109 | GIP RENATER | FR |
| 194.210.6.203 | Fundacao para a Ciencia e a Tecnologia, I.P. | PT |
| 155.232.1.163 | African Network Information Center | MU |
| 113.197.15.44 | Asia Pacific Network Information Centre | South Brisbane |
| 212.3.235.26 | BRUSSELS-SERIAL2 | BE |

6.1-

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| --- | --- | --- |
| **Addresses** | **Country** | **City** |
| 192.168.63.254 |  | Private |
| 193.136.1.10 | Portugal | Lisbon |
| 194.210.6.207 | Portugal | ---- |
| 193.136.4.26 | Portugal | Porto |
| 194.210.6.207 | Portugal | ---- |
| 81.17.240.51 | Ireland | Dublin |
| 193.51.177.109 | France | --- |
| 194.210.6.203 | Portugal | --- |
| 155.232.1.163 | South Africa |  |
| 113.197.15.44 |  |  |
| 212.3.235.26 | Belgium |  |