

Exerciții de Subnetting

- cu răspunsuri oferite -
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Pentru fiecare IP de mai jos, calculați următoarele:

- Adresa de Rețea (Network)
- Adresa de Difuzare (Broadcast)
- Primul IP utilizabil
- Ultimul IP utilizabil
- Subnet Mask-ul (dacă se oferă Prefixul) / Prefixul (dacă se oferă S.M.-ul)

1. 117.218.91.72	/27
2. 74.167.87.150	/29
3. 70.51.57.188	/26
4. 144.95.190.7	/16
5. 72.70.11.6	/16
6. 52.204.9.84	/17
7. 54.240.85.187	cu SM: 255.192.0.0
8. 110.129.235.71	cu SM: 255.224.0.0
9. 146.47.124.51	cu SM: 255.0.0.0
10. 8.8.8.8	cu SM: 255.255.255.254

1. Net: 117.218.91.64
 Bcast: 117.218.91.95
 1ip: 117.218.91.65
 Lip: 117.218.91.94
 SM: 255.255.255.224
 Nr. Host-uri: 30

2. Net: 74.167.87.144
 Bcast: 74.167.87.151
 1ip: 74.167.87.145
 Lip: 74.167.87.150
 SM: 255.255.255.248
 Nr. Host-uri: 6

3. Net: 70.51.57.128
 Bcast: 70.51.57.191
 1ip: 70.51.57.129
 Lip: 70.51.57.190
 SM: 255.255.255.192
 Nr. Host-uri: 62

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| 4. | Net: | 144.95.0.0 |
| | Bcast: | 144.95.255.255 |
| | 1ip: | 144.95.0.1 |
| | Lip: | 144.95.255.254 |
| | SM: | 255.255.0.0 |
| | Nr. Host-uri: | 65534 |
| 5. | Net: | 72.70.0.0 |
| | Bcast: | 72.70.255.255 |
| | 1ip: | 72.70.0.1 |
| | Lip: | 72.70.255.254 |
| | SM: | 255.255.0.0 |
| | Nr. Host-uri: | 65534 |
| 6. | Net: | 52.204.0.0 |
| | Bcast: | 52.204.127.255 |
| | 1ip: | 52.204.0.1 |
| | Lip: | 52.204.127.254 |
| | SM: | 255.255.128.0 |
| | Nr. Host-uri: | 32766 |
| 7. | Net: | 54.192.0.0 |
| | Bcast: | 54.255.255.255 |
| | 1ip: | 54.192.0.1 |
| | Lip: | 54.255.255.254 |
| | Prefix: | /10 |
| | Nr. Host-uri: | 4194302 |
| 8. | Net: | 110.128.0.0 |
| | Bcast: | 110.159.255.255 |
| | 1ip: | 110.128.0.1 |
| | Lip: | 110.159.255.254 |
| | Prefix: | /11 |
| | Nr. Host-uri: | 2097150 |
| 9. | Net: | 146.0.0.0 |
| | Bcast: | 146.255.255.255 |
| | 1ip: | 146.0.0.1 |
| | Lip: | 146.255.255.254 |
| | Prefix: | /8 |
| | Nr. Host-uri: | 16777214 |
| 10. | Net: | 8.8.8.8 |
| | Bcast: | 8.8.8.9 |
| | 1ip: | - |
| | Lip: | - |
| | Prefix: | /31 |
| | Nr. Host-uri: | 0 |