

MAC Addresses

MAC OUI

Reserved OUIs

| Addresses | Usage | Reference |
|----------------------|---|---------------------------|
| 00-00-00 to 00-00-FF | Reserved | [RFC7042] |
| 00-01-00 to 00-01-FF | VRRP (Virtual Router Redundancy Protocol) | [RFC5798] |
| 00-02-00 to 00-02-FF | VRRP IPv6 (Virtual Router Redundancy Protocol IPv6) | [RFC5798] |
| 00-03-00 to 00-51-FF | Unassigned | |
| 00-52-00 | PacketPWEthA | [RFC6658] |
| 00-52-01 | PacketPWEthB | [RFC6658] |
| 00-52-02 | BFD for VXLAN | [RFC8971] |
| 00-52-03 to 00-52-12 | Unassigned (small allocations) | |
| 00-52-13 | Proxy Mobile IPv6 | [RFC6543] |
| 00-52-14 to 00-52-FF | Unassigned (small allocations) | |
| 00-53-00 to 00-53-FF | Documentation | [RFC7042] |
| 00-54-00 to 90-00-FF | Unassigned | |
| 90-01-00 | TRILL OAM | [RFC7455] |
| 90-01-01 to 90-01-FF | Unassigned (small allocations requiring both unicast and multicast) | |

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| 90-02-00 to FF-FF-FF | Unassigned | |
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[Source](#)

OUIs of virtualization platforms

| Company and Products | MAC unique identifier (s) |
|---|------------------------------|
| VMware ESX 3, Server, Workstation, Player | 00-50-56, 00-0C-29, 00-05-69 |
| Microsoft Hyper-V, Virtual Server, Virtual PC | 00-03-FF 00-15-5D |
| Parallels Desktop, Workstation, Server, Virtuozzo | 00-1C-42 |
| Virtual Iron 4 | 00-0F-4B |
| Red Hat Xen | 00-16-3E |
| Oracle VM | 00-16-3E |
| XenSource | 00-16-3E |
| Novell Xen | 00-16-3E |
| Sun xVM VirtualBox | 08-00-27 |

[Source](#)

End

Revision #1

Created 24 November 2021 03:02:49 by bluecrow76

Updated 3 February 2023 19:22:01 by bluecrow76