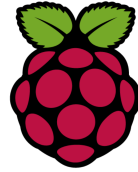# Raspberry Pi   les commandes Ipv6

1 Afficher l'adresse IPv6

```
pi@raspberrypi3:~ ifconfig |grep inet6
        adr inet6: 2a01:cb05:876b:b800:7406:c6de:86a2:a3ab/64
Scope:Global
        adr inet6: fe80::87f2:f126:66a5:5075/64 Scope:Lien
        adr inet6: ::1/128 Scope:Hôte
        adr inet6: fe80::ba27:ebff:febc:e899/64 Scope:Lien
```

2 ping Ipv6

```
pi@raspberrypi3:~ $ ping6 2607:f740:d::f77
PING 2607:f740:d::f77(2607:f740:d::f77) 56 data bytes
64 bytes from 2607:f740:d::f77: icmp_seq=1 ttl=53 time=30.9 ms
64 bytes from 2607:f740:d::f77: icmp_seq=2 ttl=53 time=21.9 ms
64 bytes from 2607:f740:d::f77: icmp_seq=3 ttl=53 time=21.8 ms
^C
--- 2607:f740:d::f77 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2002ms
rtt min/avg/max/mdev = 21.847/24.907/30.947/4.274 ms
```

3 Test de la connectivité Ipv6

Avec le client curl effectuons un test avec le site **ipv6 (**Test avec enregistrement DNS IPv6)

```
curl --verbose "http://ipv6.test-ipv6.ams.vr.org/ip/?callback=?"
* Hostname was NOT found in DNS cache
*   Trying 2607:f740:d::f77...
* Connected to ipv6.test-ipv6.ams.vr.org (2607:f740:d::f77) port 80 (#0)
```

```
> GET /ip/?callback=? HTTP/1.1
> User-Agent: curl/7.38.0
> Host: ipv6.test-ipv6.ams.vr.org
> Accept: */*
>
< HTTP/1.1 200 OK
< Date: Tue, 18 Oct 2016 14:26:39 GMT
* Server Apache/2.4.18 (Ubuntu) is not blacklisted
< Server: Apache/2.4.18 (Ubuntu)
< Cache-Control: no-cache
< Pragma: no-cache
< Expires: Thu, 01 Jan 1971 00:00:00 GMT
< X-Mod-Ip: 1.0
< Vary: Accept-Encoding
< Content-Length: 108
< Content-Type: text/plain;charset=UTF-8
<
callback({"ip":"2a01:cb05:876b:b800:7406:c6de:86a2:a3ab","type":"ipv6","subtype":"","via":"","padding":""})
* Connection #0 to host ipv6.test-ipv6.ams.vr.org left intact
```

On peut constater que la connexion est effective avec le site à l'adresse 2607:f740:d::f77

Le site test retourne l'adresse Ipv6 de la raspberry pi 3 !!!