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# IPv6 AAAA Records

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Understanding IPv6 Forward DNS Basics

# The AAAA Record

- Forward DNS entry for an IPv6 address is entered using AAAA
- Not case sensitive
- Can be entered as the full-length address or in shorthand notation with ::

```
ipv6    IN      AAAA    2001:0470:0000:0064:0000:0000:0000:0002
```

```
ipv6    IN      AAAA    2001:470:0:64::2
```



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# Looking up the AAAA Record

- `dig AAAA ipv6.he.net`
- `dig AAAA ipv6.he.net +short`
- `host -t AAAA ipv6.he.net`
- `nslookup -type=AAAA ipv6.he.net`





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## Contact:

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