

# Local DNS Settings

## Local DNS records

### List of local DNS records

Show 

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Domain	IP	
api.ism.la	192.168.254.10	
btr.ism.la	192.168.254.10	
cht.ism.la	192.168.254.10	
dns.ism.la	192.168.254.10	
dtb.ism.la	192.168.254.10	
env.ism.la	192.168.254.10	
mcp.ism.la	192.168.254.10	
mng.ism.la	192.168.254.10	
n8n.ism.la	192.168.254.10	
sch.ism.la	192.168.254.10	
ssh.ism.la	192.168.254.10	
vpn.ism.la	192.168.254.10	
vpn.rtr.dev	192.168.254.10	
<div>Domain</div>	<div>Associated IP</div>	<div>+</div>

Showing 1 to 13 of 13 entries

**Note:**

Adding/removing local DNS records will flush the cache but does not require a restart of the DNS server.

## Local CNAME records





### List of local CNAME records

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Domain 	Target 	TTL * 	
No local CNAME records defined.			
<input type="text" value="Domain"/>	<input type="text" value="Target Domain"/>	<input type="text"/>	

\* TTL in seconds (optional)

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Showing 0 to 0 of 0 entries

**Note:**

The target of a CNAME must be a domain that the Pi-hole already has in its cache or is authoritative for. This is a universal limitation of CNAME records.

The reason for this is that Pi-hole will not send additional queries upstream when serving CNAME replies. As consequence, if you set a target that isn't already known, the reply to the client may be incomplete. Pi-hole just returns the information it knows at the time of the query. This results in certain limitations for CNAME targets, for instance, only active DHCP leases work as targets - mere DHCP leases aren't sufficient as they aren't (yet) valid DNS records.

Additionally, you can't CNAME external domains (bing.com to google.com) successfully as this could result in invalid SSL certificate errors when the target server does not serve content for the requested domain.

Adding/removing local CNAME records will restart the DNS server.

**Core** v6.2.2 (<https://github.com/pi-hole/pi-hole/releases/v6.2.2>)

**FTL** v6.3.3 (<https://github.com/pi-hole/FTL/releases/v6.3.3>)

**Web interface** v6.3 (<https://github.com/pi-hole/web/releases/v6.3>)