Environment Variables for Pi-hole

Variable	Default Value	Description
PIHOLE_DNS_	8.8.8.8;8.8.4.4	Upstream DNS servers, separated by `;`. Supports custom ports (e.g., `127.0.0.1#5053`). DNS servers added via the web interface will be overwritten on restart.
DNSSEC	false	Enable DNSSEC support (`true` or `false`).
DNS_BOGUS_PRIV	true	Prevents forwarding reverse lookups for private ranges.
DNS_FQDN_REQUIRED	true	Prevents forwarding of non-FQDNs (Fully Qualified Domain Names).
REV_SERVER	false	Enables DNS conditional forwarding for local device name resolution.

Variable	Default Value	Description
REV_SERVER_DOMAIN	unset	Set the domain of the local network router if conditional forwarding is enabled.
REV_SERVER_TARGET	unset	IP of the local network router when conditional forwarding is enabled.
REV_SERVER_CIDR	unset	Reverse DNS zone (e.g., `192.168.0.0/24`) for conditional forwarding.
DHCP_ACTIVE	false	Enable DHCP server (`true` or `false`).
DHCP_START	unset	Start IP for DHCP server (if DHCP is enabled).
DHCP_END	unset	End IP for DHCP server (if DHCP is enabled).
DHCP_ROUTER	unset	Router (gateway) IP for the DHCP server (if DHCP is enabled).
DHCP_LEASETIME	24	Lease time for DHCP (in hours).
PIHOLE_DOMAIN	lan	Domain name sent by the DHCP server.
DHCP_IPv6	false	Enable DHCP IPv6 support (`true` or `false`).
DHCP_rapid_commit	false	Enable DHCPv4 rapid commit.
VIRTUAL_HOST	${HOSTNAME}	Sets the virtual host for web access (e.g., `http://pi.hole/admin`).
IPv6	true	Disables IPv6 configuration when set to `false` (helpful for Unraid).
TEMPERATUREUNIT	c	Sets temperature unit (`c` : Celsius, `k` : Kelvin, or `f` : Fahrenheit).
WEBUIBOXEDLAYOUT	boxed	Use boxed or traditional layout for the web interface.
QUERY_LOGGING	true	Enables or disables query logging.
WEBTHEME	default-light	User interface theme (options: `default-dark` , `default-light` , `default-auto` , etc.).
WEBPASSWORD_FILE	unset	Set admin password via Docker secrets. Ignored if `WEBPASSWORD` is set.

Advanced Variables

Variable	Default Value	Description
INTERFACE	unset	NIC interface for DNS or DHCP services.
DNSMASQ_LISTENING	unset	Listening behavior (`local`, `all`, `single`).
WEB_PORT	unset	Custom web interface port (may affect the "blocked" page functionality).
WEB_BIND_ADDR	unset	Bind address for the web interface.
SKIPGRAVITYONBOOT	unset	Skip updating Gravity Database on boot (set to `1` to skip).
CORS_HOSTS	unset	List of FQDNs allowed for CORS (comma-separated).
CUSTOM_CACHE_SIZE	10000	Sets cache size for `dnsmasq`. Ignored if DNSSEC is enabled.
FTL_CMD	no-daemon	Customize `dnsmasq` options (e.g., `no-daemon -- --dns-forward-max 300`).
FTLCONF_[SETTING]	unset	Customize `pihole-FTL.conf` settings (e.g., `FTLCONF_LOCAL_IPV4`).

Experimental Variables

Variable	Default Value	Description
DNSMASQ_USER	unset	Change the user that `FTLDNS` runs as (`pihole` or `root`).
PIHOLE_UID	999	Override Pi-hole's default user ID.
PIHOLE_GID	999	Override Pi-hole's default group ID.
WEB_UID	33	Override the `www-data` user ID.
WEB_GID	33	Override the `www-data` group ID.
WEBLOGS_STDOUT	0	Redirects web logs to stdout when set to `1`.