

Forum:[Hack Forums](#)

Thread: [Looking for a Shell Script to Modify DNS Records](#)

snattan - December 29, 2025, 3:02 pm

Hi! I'm looking for a shell script that will allow me to edit DNS records. If anyone has something available or can point me in the right direction, I'd appreciate it.

Thanks!

DramaKing - December 30, 2025, 8:51 am

Here's an example using dnsmasq.

Code `#!/bin/bash`

`[h1]dnsmasq-records.sh[/h1]`

`[h1]Script to add or update custom DNS records in dnsmasq[/h1]`

`[h1]CONFIGURATION[/h1]`

`DNSMASQ_DIR="/etc/dnsmasq.d"`

`CUSTOM_CONF="$DNSMASQ_DIR/custom-records.conf"`

`SERVICE_NAME="dnsmasq"`

`[h1]Ensure running as root[/h1]`

`if [[ $EUID -ne 0 ]]; then`

`echo "This script must be run as root." >&2`

`exit 1`

`fi`

`[h1]Validate arguments[/h1]`

`if [[ $# -ne 2 ]]; then`

`echo "Usage: $0 <hostname> <ip-address>"`

`echo "Example: $0 myapp.local 192.168.1.50"`

`exit 1`

`fi`

`HOSTNAME="$1"`

`IP="$2"`

`[h1]Validate IP format[/h1]`

`if ! [[ $IP =~ ^([0-9]{1,3}\.){3}[0-9]{1,3}$ ]]; then`

`echo "Invalid IP address format: $IP" >&2`

`exit 1`

`fi`

`[h1]Create dnsmasq.d directory if missing[/h1]`

`mkdir -p "$DNSMASQ_DIR"`

`[h1]Remove any existing entry for the hostname[/h1]`

`grep -v "address=/$HOSTNAME/" "$CUSTOM_CONF" 2>/dev/null > "$CUSTOM_CONF.tmp" || true`

```
[h1]Add the new record[/h1]
echo "address=/${HOSTNAME}/${IP}" >> "$CUSTOM_CONF.tmp"
```

```
[h1]Replace the old config[/h1]
mv "$CUSTOM_CONF.tmp" "$CUSTOM_CONF"
```

```
[h1]Reload dnsmasq to apply changes[/h1]
if command -v systemctl >/dev/null; then
    systemctl reload "$SERVICE_NAME"
else
    service "$SERVICE_NAME" reload
fi
```

```
echo "DNS record updated: $HOSTNAME -> $IP"
Run it with 'sudo ./dnsmasq-records.sh myapp.local 192.168.1.50'.
```

Do be aware if you're spoofing DNS records of TLS and HSTS.

snattan - December 30, 2025, 3:35 pm

(Dec 30, 2025 09:51 AM)DramaKing Wrote: [\[CITE\]](#) Here's an example using dnsmasq.

Code #!/bin/bash

```
[h1]dnsmasq-records.sh[/h1]
[h1]Script to add or update custom DNS records in dnsmasq[/h1]
```

```
[h1]CONFIGURATION[/h1]
DNSMASQ_DIR="/etc/dnsmasq.d"
CUSTOM_CONF="$DNSMASQ_DIR/custom-records.conf"
SERVICE_NAME="dnsmasq"
```

```
[h1]Ensure running as root[/h1]
if [[ $EUID -ne 0 ]]; then
    echo "This script must be run as root." >&2
    exit 1
fi
```

```
[h1]Validate arguments[/h1]
if [[ $# -ne 2 ]]; then
    echo "Usage: $0 <hostname> <ip-address>"
    echo "Example: $0 myapp.local 192.168.1.50"
    exit 1
fi
```

```
HOSTNAME="$1"
IP="$2"
```

```
[h1]Validate IP format[/h1]
if ! [[ $IP =~ ^([0-9]{1,3}\.){3}[0-9]{1,3}$ ]]; then
    echo "Invalid IP address format: $IP" >&2
    exit 1
fi
```

[h1]Create dnsmasq.d directory if missing[/h1]

```
mkdir -p "$DNSSMASQ_DIR"
```

[h1]Remove any existing entry for the hostname[/h1]

```
grep -v "address=/$HOSTNAME/" "$CUSTOM_CONF" 2>/dev/null > "$CUSTOM_CONF.tmp" ||  
true
```

[h1]Add the new record[/h1]

```
echo "address=/$HOSTNAME/$IP" >> "$CUSTOM_CONF.tmp"
```

[h1]Replace the old config[/h1]

```
mv "$CUSTOM_CONF.tmp" "$CUSTOM_CONF"
```

[h1]Reload dnsmasq to apply changes[/h1]

```
if command -v systemctl >/dev/null; then
```

```
    systemctl reload "$SERVICE_NAME"
```

```
else
```

```
    service "$SERVICE_NAME" reload
```

```
fi
```

```
echo "DNS record updated: $HOSTNAME -> $IP"
```

```
Run it with 'sudo ./dnsmasq-records.sh myapp.local 192.168.1.50'.
```

Do be aware if you're spoofing DNS records of TLS and HSTS.

Hi mate, thank you very much — really appreciate it! I'll give it a try