

# DNS

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## DNS status

**Request Structure:** `https://<puqvpnpv>/api/v1/dns`

**Method:** `GET`

**Cookie:** `access_hash=<access_hash>`

### Example:

```
curl \
-b
"access_hash=eda121857897bcf0e4cdf5a3eaf957f35ccb62d39d5bc0bfbf6d31644eee3cd7f8365e71ad94a60"
\
-X GET https://dev.softkeel.com/api/v1/dns
```

### Response example:

```
{
  "error" : "",
  "msg" : {
    "acl" : [
      "127.0.0.1",
      "10.0.110.0/24",
      "10.0.107.0/24",
      "10.0.176.0/24",
      "10.0.44.0/24",
      "10.0.68.0/24",
      "10.0.111.0/24",
      "10.0.15.0/24",
      "10.0.1.0/24",
```

```
    "10. 0. 52. 0/24",
    "10. 0. 85. 0/24"
  ],
  "bind9" : "1: 9. 16. 33-1~deb11u1",
  "enabled" : true,
  "forwarders_1" : "77. 87. 125. 10",
  "forwarders_2" : "77. 87. 125. 20",
  "max_cache_ttl" : "3600",
  "pid" : "2649459"
},
"status" : "success"
}
```

### Errors:

- The license is not active
- Not authorized

# DNS EDIT

**Request Structure:** `https://<puqvpnpv>/api/v1/dns`

**Cookie:** `access_hash=<access_hash>`

**Method:** `PUT`

**PUT data:**

**Options not required:**

```
"enabled" = false| true
"forwarders_1" = "CIDR format"
"forwarders_2" = "CIDR format"
"max_cache_ttl" = "30-3600"
```

**Example:**

```
curl \
-b
```

```
"access_hash=eda121857897bcf0e4cdf5a3eaf957f35ccb62d39d5bc0bfbfb6d31644eee3cd7f8365e71ad94a60"
\
-d "enabled=false&\
forwarders_1=1.1.1.1&\
forwarders_2=8.8.8.8&\
max_cache_ttl=300" \
-X PUT https://dev.softkeel.com/api/v1/dns
```

### Response example:

```
{
  "error" : "",
  "msg" : {
    "address" : "10.0.127.1/24",
    "b_download" : "6",
    "b_upload" : "7",
    "dns_1" : "8.8.8.8",
    "dns_2" : "1.1.1.1",
    "external_ip" : "77.87.125.200",
    "interface_name" : "wg128",
    "internal_traffic" : false,
    "listen_port" : "51333",
    "name" : "Default_128",
    "private_key" : "cAnS3fQbdvHUS+9eV05Uf+cP+gn8i4LpzXsdE7mUZ2E=",
    "public_key" : "RVNBbsEIjEkgsyXzmd5vMBIc0zzcTSC/fPscdDwzlQo="
  },
  "status" : "success"
}
```

### Errors:

```
- Not authorized
- Incorrect data in Forwarder1 parameters
- Incorrect data in Forwarder2 parameters
```

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