

DNS

- [View DNS settings](#)
- [View DNS settings from path](#)
- [View DNS adviser results](#)

View DNS settings

Available in 14 starting with 14.10

Resource URI: /dns/settings

Default Resource Properties:

The resource is represented by the following properties when the GET request is performed:

Property	Description
path	Path to the setting.
type	Setting type. Possible options are string, boolean or enum.
options	Available setting options.
value	The current selected option of the setting.
defaultValue	The default value of the setting.
label	Setting label.
description	Short description provided by the user.

Specific Response Codes: N/A

HTTP Method: GET

Retrieves the settings for all DNSs in the system.

Example: XML format

```
<Settings>
<Setting>
<path>named-config/forwarders/forwarder_0</path>
<type>string</type>
<value>192.168.1.1</value>
<label>Primary External DNS server</label>
<description>DNS server in your company or your ITSP. Can also be a publicly available DNS server like 8.8.8.8.</description>
</Setting>
<Setting>
<path>named-config/forwarders/forwarder_1</path>
<type>string</type>
<label>Secondary External DNS server</label>
<description>In the event the primary DNS server is unavailable, system will use this server.</description>
</Setting>
<Setting>
<path>named-config/forwarders/forwarder_2</path>
<type>string</type>
<label>Additional External DNS server</label>
```

```

</Setting>
<Setting>
<path>named-config/forwarders/forwarder_3</path>
<type>string</type>
<label>Additional External DNS server</label>
</Setting>
<Setting>
<path>named-config/forwarders/forwarder_4</path>
<type>string</type>
<label>Additional External DNS server</label>
</Setting>
<Setting>
<path>acl/ips</path>
<type>string</type>
<value>192.168.1.171,127.0.0.0/8</value>
<defaultValue>192.168.1.171,127.0.0.0/8</defaultValue>
<label>Allow Recursion ACL</label>
<description>Groups of hosts (comma separated values of IP addresses or subnet) allowed to make recursive queries on the nameserver. <br/>Leave empty for allowing all hosts to perform recursive queries on the nameserver.</description>
</Setting>
<Setting>
<path>sys/unmanaged</path>
<type>boolean</type>
<value>0</value>
<defaultValue>0</defaultValue>
<label>Unmanaged Service</label>
<description>Company or ITSP DNS servers to resolve ALL names instead of local DNS servers.</description>
</Setting>
JSON format
{
  settings: [11]
  0: {
    path: "named-config/forwarders/forwarder_0"
    type: "string"
    options: null
    value: "192.168.1.1"
    defaultValue: null
    label: "Primary External DNS server"
    description: "DNS server in your company or your ITSP. Can also be a publicly available DNS server like 8.8.8.8."
  }
  1: {

```

```
path: "named-config/forwarders/forwarder_1"
type: "string"
options: null
value: null
defaultValue: null
label: "Secondary External DNS server"
description: "In the event the primary DNS server is unavailable, system will use this server."
}-
2: {
path: "named-config/forwarders/forwarder_2"
type: "string"
options: null
value: null
defaultValue: null
label: "Additional External DNS server"
description: null
}-
3: {
path: "named-config/forwarders/forwarder_3"
type: "string"
options: null
value: null
defaultValue: null
label: "Additional External DNS server"
description: null
}-
4: {
path: "named-config/forwarders/forwarder_4"
type: "string"
options: null
value: null
defaultValue: null
label: "Additional External DNS server"
description: null
}-
5: {
path: "acl/ips"
type: "string"
options: null
value: "192.168.1.171,127.0.0.0/8"
```

defaultValue: "192.168.1.171,127.0.0.0/8"

label: "Allow Recursion ACL"

description: "Groups of hosts (comma separated values of IP addresses or subnet) allowed to make recursive queries on the nameserver.
Leave empty for allowing all hosts to perform recursive queries on the nameserver."

}-

6: {

path: "sys/unmanaged"

type: "boolean"

options: null

value: "0"

defaultValue: "0"

label: "Unmanaged Service"

description: "Company or ITSP DNS servers to resolve ALL names instead of local DNS servers."

}-

7: {

path: "sys/unmanaged_servers/unmanaged_0"

type: "string"

options: null

value: null

defaultValue: null

label: "Primary Unmanaged DNS server"

description: "DNS server in your company or your ITSP. Can also be a publicly available DNS server like 8.8.8.8."

}

}

Unsupported HTTP Method: PUT, POST, DELETE

View DNS settings from path

Available in 14 starting with 14.10

Resource URI: /dns/settings/{settingPath}

Default Resource Properties:

The resource is represented by the following properties when the GET request is performed:

Property	Description
setting	The dns setting related information is similar to the one described under /dns/settings.

Specific Response Codes: N/A

HTTP Method: GET

Retrieves the DNS settings from the specified path.

Example: XML format

<Setting>

<path>named-config/forwarders/forwarder_3</path>

```
<type>string</type>
<label>Additional External DNS server</label>
</Setting>
```

JSON format

```
{
  path: "named-config/forwarders/forwarder_3"
  type: "string"
  options: null
  value: null
  defaultValue: null
  label: "Additional External DNS server"
  description: null
}
```

HTTP Method: PUT

Updates the settings of the DNS from the specified path. PUT data is plain text.

HTTP Method: DELETE

Deletes the settings of the DNS from the specified path.

Unsupported HTTP Method: POST

View DNS adviser results

Available in 14 starting with 14.10

Resource URI: /dns/advisor/server/{serverId}

Default Resource Properties:

The resource is represented by the following properties when the GET request is performed:

Property	Description
Missing naptr records	List of the missing NAPTR records, if any.
Missing a records	List of missing A records, if any.

Specific Response Codes: N/A

HTTP Method: GET

Checks the DNS settings and if the settings are correct, no result is returned. Otherwise, it retrieves the missing configurations.

Example: plain text only

:: Missing naptr records

ezuqe.ro. IN NAPTR 1d 0 "s" "SIP+D2U" "" _sip._udp

ezuqe.ro. IN NAPTR 1d 0 "s" "SIP+D2T" "" _sip._tcp

:: Missing a records

Uniteme_1410.ezuqe.ro IN A 19.18.1.175

Unsupported HTTP Method: PUT, POST, DELETE