

# Proxy

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## View proxy settings

Available in 14 starting with 14.10

**Resource URI:** /proxy/settings

**Default Resource Properties:**

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

Property	Description

**Specific Response Codes:** N/A

**HTTP Method:** GET

Retrieves a list with all the proxy settings in the system.

**Example:** XML format

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
```

```
<Settings>
```

```
<Setting>
```

```
<path>proxy-configuration/SIPX_PROXY_DEFAULT_SERIAL_EXPIRES</path>
```

```
<type>integer</type>
```

```
<value>20</value>
```

```
<defaultValue>20</defaultValue>
```

```
<label>Default Serial Fork Expiration</label>
```

```
<description>Number of seconds that each phone in a sequential series is allowed to ring with no answer before the next alternative is tried. The most common case for this is a user with one phone and a voice mailbox - the phone will ring for this many seconds and then roll over to voice mail.</description>
```

```
</Setting>
```

```
<Setting>
```

```
<path>proxy-configuration/SIPX_PROXY_DEFAULT_EXPIRES</path>
```

```
<type>integer</type>
```

```
<value>300</value>
```

```
<defaultValue>300</defaultValue>
```

```
<label>Default Expiration</label>
```

```
<description>Number of seconds a call is allowed to go unanswered; if this many seconds pass, the call request is returned with an error.</description>
```

```
</Setting>
```

```
<Setting>
```

```
<path>proxy-configuration/SIPX_PROXY_LOG_LEVEL</path>
```

```
<type>enum</type>
```

```
<options>
```

```
<entry>
<key>NOTICE</key>
</entry>
<entry>
<key>CRIT</key>
</entry>
<entry>
<key>EMERG</key>
</entry>
<entry>
<key>WARNING</key>
</entry>
<entry>
<key>ERR</key>
</entry>
<entry>
<key>INFO</key>
</entry>
<entry>
<key>ALERT</key>
</entry>
<entry>
<key>DEBUG</key>
</entry>
</options>
<value>NOTICE</value>
<defaultValue>NOTICE</defaultValue>
<label>Log Level</label>
</Setting>
<Setting>
<path>proxy-configuration/SIPX_PROXY_AUTHENTICATE_ALGORITHM</path>
<type>string</type>
<label>Authenticate Algorithm</label>
<description>The algorithm used in authentication</description>
</Setting>
<Setting>
<path>proxy-configuration/SIPX_PROXY_MAX_FORWARDS</path>
<type>integer</type>
<label>Maximum Forwards</label>
<description>(Max-Forwards header field)Maximum number of hops a request can transit on the way to its destination.</description>
```

</Setting>

<Setting>

<path>proxy-configuration/SIPX\_PROXY\_STALE\_TCP\_TIMEOUT</path>

<type>integer</type>

<label>Stale TCP Timeout</label>

<description />

</Setting>

<Setting>

<path>proxy-configuration/SIPX\_PROXY\_ENSURE\_TCP\_LIFETIME</path>

<type>boolean</type>

<value>0</value>

<defaultValue>0</defaultValue>

<label>Ensure TCP Lifetime</label>

<description />

</Setting>

<Setting>

<path>proxy-configuration/SIPX\_PROXY\_RELAY\_ALLOWED</path>

<type>boolean</type>

<value>1</value>

<defaultValue>1</defaultValue>

<label>Allow Non-Local Domain Relay</label>

<description>If checked, proxy can act as a relay for non-local domain transactions. If you are using external phone features for phone lines, you must allow relaying.</description>

</Setting>

</setting>

JSON format

```
{
  settings: [26]
  0: {
    path: "proxy-configuration/SIPX_PROXY_DEFAULT_SERIAL_EXPIRES"
    type: "integer"
    options: null
    value: "20"
    defaultValue: "20"
    label: "Default Serial Fork Expiration"
    description: "Number of seconds that each phone in a sequential series is allowed to ring with no answer before the next alternative is tried. The most common case for this is a user with one phone and a voice mailbox - the phone will ring for this many seconds and then roll over to voice mail."
  }
  1: {
    path: "proxy-configuration/SIPX_PROXY_DEFAULT_EXPIRES"
    type: "integer"
```

```
options: null
value: "300"
defaultValue: "300"
label: "Default Expiration"
description: "Number of seconds a call is allowed to go unanswered; if this many seconds pass, the call request is returned with an error."
}-
2: {
path: "proxy-configuration/SIPX_PROXY_LOG_LEVEL"
type: "enum"
options: {
NOTICE: null
CRIT: null
EMERG: null
WARNING: null
ERR: null
INFO: null
ALERT: null
DEBUG: null
}-
value: "NOTICE"
defaultValue: "NOTICE"
label: "Log Level"
description: null
}-
3: {
path: "proxy-configuration/SIPX_PROXY_AUTHENTICATE_ALGORITHM"
type: "string"
options: null
value: null
defaultValue: null
label: "Authenticate Algorithm"
description: "The algorithm used in authentication"
}-
4: {
path: "proxy-configuration/SIPX_PROXY_MAX_FORWARDS"
type: "integer"
options: null
value: null
defaultValue: null
label: "Maximum Forwards"
```

description: "(Max-Forwards header field)Maximum number of hops a request can transit on the way to its destination."

}-

5: {

path: "proxy-configuration/SIPX\_PROXY\_STALE\_TCP\_TIMEOUT"

type: "integer"

options: null

value: null

defaultValue: null

label: "Stale TCP Timeout"

description: ""

}-

6: {

path: "proxy-configuration/SIPX\_PROXY\_ENSURE\_TCP\_LIFETIME"

type: "boolean"

options: null

value: "0"

defaultValue: "0"

label: "Ensure TCP Lifetime"

description: ""

}-

7: {

path: "proxy-configuration/SIPX\_PROXY\_RELAY\_ALLOWED"

type: "boolean"

options: null

value: "1"

defaultValue: "1"

label: "Allow Non-Local Domain Relay"

description: "If checked, proxy can act as a relay for non-local domain transactions. If you are using external phone features for phone lines, you must allow relaying."

}

**Unsupported HTTP Method:** PUT, POST, DELETE

## View or modify proxy settings

Available in 14 starting with 14.10

**Resource URI:** /proxy/settings/{settingPath}

**Default Resource Properties:**

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

Property	Description

**Specific Response Codes:** N/A

**HTTP Method: GET**

Retrieves CDR options for the setting from the specified path.

**Example:** XML format

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
<Setting>
<path>msftxchghack/EXCHANGE_SERVER_FQDN</path>
<type>string</type>
<label>Trusted Microsoft Exchange Server</label>
<description>Fully Qualified Domain Name of Trusted Microsoft Exchange Server</description>
</Setting>
```

JSON format

```
{
  path: "msftxchghack/EXCHANGE_SERVER_FQDN"
  type: "string"
  options: null
  value: null
  defaultValue: null
  label: "Trusted Microsoft Exchange Server"
  description: "Fully Qualified Domain Name of Trusted Microsoft Exchange Server"
}
```

**HTTP Method: PUT**

Modifies proxy options for the setting from the specified path.

**HTTP Method: DELETE**

Deletes proxy options for the setting from the specified path.

**Unsupported HTTP Method: POST**