NETSAPIENS API V2

Version
Authentication/Access Token (Oauth - Username/Password)
Authentication/API Key (Machine 2 Machine)
Authentication/JWT (JSON Web Token)
Event Subscriptions
Resellers
Domains
Phone Numbers
Phone Numbers/Use Cases
Users
Devices
Phones/Macs
Phones/Macs/Supported Models and Servers
Sites
Call Center/Callqueues
Call Center/Agents
Call Center/Agent Actions
Call Center/QueuedCalls
Answer Rules
Call Blocking
Auto Attendant
Media/Voicemail
Media/Greetings
Media/Music on Hold/Domain
Media/Music on Hold/User

Create a Connection

`POST` https://{server}/ns-api/v2/connections

↻ LOG IN TO SEE FULL REQUEST HISTORY

TIME	STATUS	USER AGENT
1h ago	● 202	Try It!

1 Request This Month

BODY PARAMS

connection-orig-match-pattern string required
This is the connection's origination match pattern
`sip*@apidog.pri`

domain string required length ≤ 64
This is the main organization name. This is used to link resource to its group/tenant/organization/enterprise. ~ and * can be used alone in special cases to mean My Domain (~) and All Domains (*).
`apidog.com`

description string
This is the connection's description
`Example PRI Conn`

connection-term-match-pattern string
Defaulted to connection-orig-match-pattern
`sip*@apidog.pri`

connection-audio-relay-enabled string
Available options are "yes", "optional", "no". "Yes" will set the connection audio realy to "automatic". "Optional" will set it to "none". "No" will set it to "never". Default will be "yes".
`yes`

connection-address string
This is the connection's address
`sip:2485551212@a|`

dial-plan string
This is the connection's dial plan
`US and Canada`

dial-policy string
This is the connection's dial policy
`Permit All`

limits-max-active-calls-orig integer
This is the connection's limit of maximum originating calls
`0`

limits-max-active-calls-term integer
This is the connection's limit of maximum terminating calls
`0`

limits-max-active-calls-total integer
This is the connection's limit of maximum total calls
`0`

connection-linked-billing-user string
This is the connection's linked billing user
`domain`

connection-sip-registration-username string
This is the connection's authorized username
`2485551212`

connection-sip-registration-password string
This is the connection's password
`authkey`

connection-sip-registration-realm string
This is the connection's authentication realm
`apidog.com`

connection-orig-enabled string enum Defaults to yes
When enabled this setting will turn on voicemail for the user.
Allowed: `yes` `no`
`yes`

connection-term-enabled string enum Defaults to yes
When enabled this setting will turn on voicemail for the user.
Allowed: `yes` `no`
`yes`

connection-translation-request-host string
This is the connection's translation request host.
`apidog.pri`

connection-translation-destination-host string Defaults to ''
This is the connection's translation destination host. This typically comes from the connection-orig-match-pattern. Defaults to ''
`apidog.pri`

connection-translation-request-user string Defaults to ''
This is the connection's translation request user. This is typically set to [*]. Defaults to ""
`[*]`

connection-translation-destination-user string Defaults to ''
This is the connection's translation destination user. This is typically set to [*]. Defaults to ""
`[*]`

connection-translation-source-user string Defaults to ''
This is the connection's translation source user. This is typically set to [*]. Defaults to ""
`[*]`

connection-source-ip-checking-enabled string enum
Defaults to no
This setting when enable will request caller id blocking on outbound calls requesting privacy settings. This may lower the ability to connect certain calls if not setup properly to support privacy settings.
Allowed: `yes` `no`
`yes`

connection-include-server-header-enabled string enum
`yes`

LANGUAGE

Shell · Node · Ruby · PHP · Python · ⋮

CREDENTIALS   BEARER ⓘ

Bearer `nss_aXJTse8mo02cfiihvKjFfp4ohRg1BuiG34CKMY4uBGXcIi` 🔒

URL

Base URL `https://portal.grid4voice.ucaas.tech/ns-api/v2/conne`

API REQUEST   REQUEST EXAMPLE   EXAMPLE

```
$ npx api install "@netsapiens-api/v44.4#17qwkt1qmeafktwx"
```

```
33   'connection-block-video-in-sdp-enabled': 'no',
34   'connection-translation-destination-host': 'apidog.pri',
35   'limits-max-active-calls-term': '0',
36   'connection-translation-request-host': 'apidog.pri',
37   'connection-source-ip-checking-enabled': 'yes',
38   'connection-orig-enabled': 'yes',
39   'connection-translation-destination-user': '[*]',
40   'connection-require-sip-authentication-enabled': 'yes',
41   'connection-translation-source-host': 'apidog.pri',
42   'minimum-call-duration-second': '1',
43   'connection-sip-registration-expires-datetime': '2025-05-',
44   'connection-sip-authenticate-as-client-enabled': 'no'
45 })
46   .then(({ data }) => console.log(data))
47   .catch(err => console.error(err));
```

Try It!

RESPONSE   ● 202 EXAMPLE

```
1 {}
```

Headers ↗

Defaults to no

This setting when enable will request caller id blocking on outbound calls requesting privacy settings. This may lower the ability to connect certain calls if not setup properly to support privacy settings.

Allowed: yes   no

connection-relay-comfort-noise-enabled string
Defaults to system-default

This will set whether there is an RTP Relay comfort noise. Can be set to yes or no. If not set, will be set to system-default

`yes`

connection-pcmu-only-enabled string enum Defaults to no

This setting when enable will request caller id blocking on outbound calls requesting privacy settings. This may lower the ability to connect certain calls if not setup properly to support privacy settings.

Allowed: yes   no

`no`

connection-enforce-minimum-duration-enabled string enum
Defaults to no

This setting when enable will request caller id blocking on outbound calls requesting privacy settings. This may lower the ability to connect certain calls if not setup properly to support privacy settings.

Allowed: yes   no

`no`

connection-bind-to-alternate-interface-enabled string enum
Defaults to no

This setting when enable will request caller id blocking on outbound calls requesting privacy settings. This may lower the ability to connect certain calls if not setup properly to support privacy settings.

Allowed: yes   no

`no`

connection-block-video-in-sdp-enabled string enum
Defaults to no

This setting when enable will request caller id blocking on outbound calls requesting privacy settings. This may lower the ability to connect certain calls if not setup properly to support privacy settings.

Allowed: yes   no

`no`

connection-sip-get-new-dialog-destination-from string
Defaults to default-ip

This will set the new dialog destination. Values available are contact-header or via-header. Default would be default-ip

`default-ip`

connection-sip-get-response-destination-from string
Defaults to default-ip

This will set the response desination. Values available will be contact-header or via-header. Default will be default-ip

`default-ip`

connection-require-encrypted-audio-enabled string
Defaults to no

This will set whether audio encryption is required. Options availabe are "optional" and "yes". Defaults to no

`optional`

connection-sip-transport-protocol string Defaults to UDP

This will set the SIP transport protocol. Options are "TCP and "TLS". Default will be UDP

`UDP`

connection-check-orig-matching-sip-header string
Defaults to from

This will set whether to check whether the origination matches the SIP header. Options are "to", "request", or "contact". Default will default to "from"

`to`

connection-sip-session-timer-enabled string
Defaults to system-default

This will set the SIP session timer. Options are setting to "no" or not setting at all, which will default to the system-default

`yes`

connection-prevent-rtp-port-change-enabled string enum
Defaults to no

This setting when enable will request caller id blocking on outbound calls requesting privacy settings. This may lower the ability to connect certain calls if not setup properly to support privacy settings.

Allowed: yes   no

`no`

connection-hide-post-dial-delay-with-ringback-enabled string enum Defaults to no

This setting when enable will request caller id blocking on outbound calls requesting privacy settings. This may lower the ability to connect certain calls if not setup properly to support privacy settings.

Allowed: yes   no

`no`

connection-remote-ringback-handling string Defaults to allowed

This will set the remote ringback handling. Options are "no-ringback" and "local-only". Default will be set to "allowed".

`allowed`

connection-block-media-in-sip-180-ringing string enum
Defaults to no

This setting when enable will request caller id blocking on outbound calls requesting privacy settings. This may lower the ability to connect certain calls if not setup properly to support privacy settings.

Allowed: yes   no

`yes`

connection-allow-mid-call-uri-updates-enabled string enum
Defaults to no

This setting when enable will request caller id blocking on outbound calls requesting privacy settings. This may lower the ability to connect certain calls if not setup properly to support privacy settings.

Allowed: yes   no

`yes`

connection-record-all-calls-enabled string enum Defaults to no

This setting when enable will request caller id blocking on outbound calls requesting privacy settings. This may lower the ability to connect certain calls if not setup properly to support privacy settings.

Allowed: yes   no

`yes`

connection-custom-p-asserted-id-format string

connection-custom-p-asserted-id-format string

This will set the PAId of the connection. Example input "sample" will translate to "PAId=sample" in call rules

`hello`

connection-require-sip-authentication-enabled string enum
Defaults to no

This setting when enable will request caller id blocking on outbound calls requesting privacy settings. This may lower the ability to connect certain calls if not setup properly to support privacy settings.

Allowed: yes no

`yes`

connection-translation-source-host string

`apidog.pri`

utc-offset string

This is the utc offset of the connection. Example "-7" for US/Pacific

`-7`

time-zone string

This is the timezone of the connection

`US/Pacific`

minimum-call-duration-seconds integer Defaults to 0

connection-sip-registration-expires-datetime string

`2025-05-19 02:41:1`

connection-sip-authenticate-as-client-enabled string enum
Defaults to no

This setting when enable will request caller id blocking on outbound calls requesting privacy settings. This may lower the ability to connect certain calls if not setup properly to support privacy settings.

Allowed: yes no

`no`

connection-is-carrier-trunk string enum Defaults to no

This setting when enable will request caller id blocking on outbound calls requesting privacy settings. This may lower the ability to connect certain calls if not setup properly to support privacy settings.

Allowed: yes no

`yes`

call-routing

STRING	INTEGER	NUMBER	NULL	›
ARRAY	NULL	›
BOOLEAN	NULL	›
OBJECT	NULL	›

RESPONSES

● 202 ⌄

RESPONSE BODY

object

HEADERS

object

● 400 ›

● 401 ›

● 404 ›

🕐 Updated 7 days ago

← Get All Connections

Count All Conections →

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