VEText Push Notifications API

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The VEText Push Notifications API allows for registering mobile application endpoints, creating topics and managing topic subscribers, creating and managing endpoint preferences, creating templates, and sending push notifications to the registered application instances.

Workflows

The VEText Push Notifications supports several different workflows.

Basic

The basic workflow for the VEText Push Notifications API is as follows:

1. Create an endpoint for a client app.
2. Use the Send API to send a notification to a veteran.
3. Deactivate a client endpoint when a veteran opts out of notifications.
4. Reactivate a client endpoint if a veteran opts back into notifications

Topics

This workflow involves the use of topics to group endpoints and send mass push notifications with a single API invocation to those endpoints that are subscribed to a particular topic.

1. Create a topic.
2. Subscribe endpoints to the topic.
3. Send a push notification to the topic which sends the message out to all subscribers.

Preferences

This workflow involves the use of preferences to group endpoints and send mass push notifications with a single API invocation to those endpoints that have a particular preference (e.g. "inclement_weather_notifications").

1. Create a topic.

2. Subscribe endpoints to the topic.

3. Send a push notification to the topic which sends the message out to all subscribers.

Client Endpoints

The Client Endpoint API calls allow for registering an installed instance of a mobile application as well as retrieving and deactivating existing endpoint registrations.

A GET request retrieves existing endpoints:.

By App SID

```
/api/vetext/pub/mobile/push/endpoints/{app_sid}
```

The *app_sid* parameter is the SID of the mobile application.

Example Request:

```
curl --request GET \
  --url https://vetext-
server/api/vetext/pub/mobile/push/endpoints/EC15A7E1767C4018AC50B442AAC5
0D1E\
  --header 'authorization: Basic foobar'
```

Example Response:

```
{
  "endpoints": [
    {
      "active": true,
      "appName": "VEText Push Test",
      "appSid": "EC15A7E1767C4018AC50B442AAC50D1E",
      "endpointSid": "44CA2498F36B43E79EC94F145EF97900",
      "icn": "1023619836",
      "lastSendDate": "2020-10-23 07:22:32",
      "numMessagesSent": 5,
      "os": "ios",
      "osVersion": "iOS 13.7",
      "deviceName": "My iPhone 7"
    }
```

```
    ],
    "success": true
}
```

By App SID and ICN

```
/api/vetext/pub/mobile/push/endpoint/{app_sid}/{icn}
```

The *app_sid* parameter is the SID of the mobile application.

The *icn* parameter is the Integration Control Number of the veteran.

Example Request:

```
curl --request GET \
   --url https://vetext-
server/api/vetext/pub/mobile/push/endpoint/EC15A7E1767C4018AC50B442AAC50
D1E/1023619836 \
   --header 'authorization: Basic foobar'
```

By Endpoint SID

An existing client registration may also be retrieved by invoking a **GET** request with the endpoint registration SID (endpoint_sid):

```
/api/vetext/pub/mobile/push/endpoint/{endpoint_sid}
```

The *endpoint_sid* parameter is the unique ID of the endpoint registration in VEText.

Example Request:

```
curl --request GET \
   --url https://vetext-
server/api/vetext/pub/mobile/push/endpoint/20BF5C20A4BD45348076A653DA0D8
597 \
   --header 'authorization: Basic foobar'
```


A PUT request creates a new client endpoint.

Path:

```
/api/vetext/pub/mobile/push/endpoint
```

Payload:

```
{
    "appSid": "EC15A7E1767C4018AC50B442AAC50D1E",
    "token": "09d5a13a03b64b669f5ac0c32a0db6ad",
    "os": "ios",
    "icn": "195498340",
    "deviceName": "My iPhone 7"
}
```

The *appSid* field is the SID of the mobile application.

The *token* field is the unique token created by the mobile push service for the application endpoint.

The *os* field is either "ios" or "android".

The *icn* field is the Integration Control Number of the veteran.

The optional *deviceName* field is the name of the endpoint device.

Example Request:

```
curl --request PUT \
  --url https://vetext-server/api/vetext/pub/mobile/push/endpoint \
  --header 'authorization: Basic foobar' \
  --header 'content-type: application/json' \
  --data '{
      "appSid": "EC15A7E1767C4018AC50B442AAC50D1E",
      "token": "09d5a13a03b64b669f5ac0c32a0db6ad",
      "os": "ios",
      "icn": "195498340"
}'
```

The above API call would create a new endpoint registration with the application and veteran information supplied. The response of this call returns the endpoint registration SID which may be used for retrieving and deactivating the registration.

Example Response:

```
{
  "sid": "F1DC67487F5CE0227516037291336983",
  "success": true
}
```

A DELETE request <u>deactivates </u>a client endpoint.

```
/api/vetext/pub/mobile/push/endpoint/{endpoint_sid}
```

Example Request:

```
curl --request DELETE \
  --url https://vetext-
server/api/vetext/pub/mobile/push/endpoint/F1DC67487F5CE0227516037291336
983\
  --header 'authorization: Basic foobar'
```

Example Response:

```
{
  "success": true
}
```

A POST request <u>reactivates </u>an existing inactive client endpoint.

```
/api/vetext/pub/mobile/push/endpoint/{endpoint_sid}
```

Example Request:

```
curl --request POST \
   --url https://vetext-
server/api/vetext/pub/mobile/push/endpoint/F1DC67487F5CE0227516037291336
983\
   --header 'authorization: Basic foobar'
```

Topics

The Topics API allows for subscribing/unsubscribing endpoint to topics.

A GET request retrieves existing topics associated with an application:

```
/api/vetext/pub/mobile/push/topics/{app_sid}
```

The *app_sid* parameter is the SID of the mobile application.

Example Request:

```
curl --request GET \
   --url https://vetext-
server/api/vetext/pub/mobile/push/topics/EC15A7E1767C4018AC50B442AAC50D1
E\
   --header 'authorization: Basic foobar'
```

Example Response:

```
{
  "success": true,
  "topics": [
    {
      "active": true,
      "appSid": "EC15A7E1767C4018AC50B442AAC50D1E",
      "topicName": "VETextPushIOS",
      "topicSid": "D7B912FB7364472F8FC9D18BE8BEB1A0"
    },
    {
      "active": true,
      "appSid": "EC15A7E1767C4018AC50B442AAC50D1E",
      "topicName": "TestVETextTopic",
      "topicSid": "F73C46D5A0B94FE497C4B079ADC244F6"
    }
  ]
}
```

A PUT request creates a new topic

```
/api/vetext/pub/mobile/push/topic
```

The API expects a JSON document as the payload of the request specifying the name of the topic and the application SID.

The following is an example JSON payload:

```
{
    "appSid": "EC15A7E1767C4018AC50B442AAC50D1E",
    "topicName": "My Test Topic"
}
```

The above API call would create a new topic associated with the specified application.

Example Request:

```
curl --request PUT \
  --url https://vetext-server/api/vetext/pub/mobile/push/topic \
  --header 'authorization: Basic foobar' \
  --header 'content-type: application/json' \
  --data '{
  "appSid": "EC15A7E1767C4018AC50B442AAC50D1E",
  "topicName": "My Test Topic"
}'
```

The response of this call returns the topic SID which may be used for subscribing endpoints.

Example Response:

```
{
    "sid": "B4736A6F82CE46D28069545218ECFE88",
    "success": true
}
```


A POST request subscribes or unsubscribes an endpoint to a topic.

Subscribing an Endpoint to a Topic

```
/api/vetext/pub/mobile/push/topic/subscribe
```

By Endpoint SID:

The following is an example JSON payload:

```
{
  "topicSid": "B4736A6F82CE46D28069545218ECFE88",
  "endpointSid": "F1DC67487F5CE0227516037291336983"
}
```

The *topicSid* field is the unique ID of the topic as created via VEText.

The *endpointSid* field is the unique ID of the endpoint registration in VEText.

Example Request:

```
curl --request POST \
  --url https://vetext-server/api/vetext/pub/mobile/push/topic/subscribe
\
  --header 'authorization: Basic foobar' \
  --header 'content-type: application/json' \
  --data '{
  "topicSid": "B4736A6F82CE46D28069545218ECFE88",
```

```
    "endpointSid": "F1DC67487F5CE0227516037291336983"
}'
```

By ICN:

```
{
    "topicSid": "B4736A6F82CE46D28069545218ECFE88",
    "icn": "195498340"
}
```

The *icn* field is the Integration Control Number of the veteran.

The API returns a subscription token upon successful subscription of the endpoint to the topic.

Example Response:

```
{
    "subscriptionSid": "BDD0F8F7130940FEBFB8638B3313D77B",
    "success": true
}
```

Unsubscribing an Endpoint from a Topic

```
/api/vetext/pub/mobile/push/topic/unsubscribe
```

By Subscription SID:

The following is an example JSON payload:

```
{
    "subscriptionSid": "BDD0F8F7130940FEBFB8638B3313D77B"
}
```

The *subscriptionSid* field is the SID of the subscription as returned by the subscribe topic API.

By Endpoint SID:

The following is an example JSON payload:

```
{
    "endpointSid": "F1DC67487F5CE0227516037291336983"
}
```

The *endpointSid* field is the SID of the client endpoint as returned by the create endpoint API.

By ICN:

The following is an example JSON payload:

```
{
    "appSid": "EC15A7E1767C4018AC50B442AAC50D1E",
    "icn": "F1DC67487F5CE0227516037291336983"
```

```
}
```

The *app_sid* parameter is the SID of the mobile application
The *icn* field is the Integration Control Number of the veteran.

The API returns an HTTP status of 200 and a "success" field with a value of true upon successful invocation of the API call.

List Topic Subscribers

A GET request retrieves a list of subscribers to a topic:

```
/api/vetext/pub/mobile/push/topic/subscribers/{topic_sid}
```

Example Request:

```
curl --request GET \
  --url https://vetext-
server/api/vetext/pub/mobile/push/topic/subscribers/B4736A6F82CE46D28069
545218ECFE88 \
  --header 'authorization: Basic foobar'
```

Example Response:

```
{
  "subscribers": [
    {
      "appSid": "EC15A7E1767C4018AC50B442AAC50D1E",
      "endpointSid": "F1DC67487F5CE0227516037291336983",
      "icn": "15654345",
      "subscriptionSid": "45B4567C141843BCB78D566643E294DF",
      "topicName": "VETextPushIOS",
      "topicSid": "B4736A6F82CE46D28069545218ECFE88"
    },
    {
      "appSid": "EC15A7E1767C4018AC50B442AAC50D1E",
      "endpointSid": "3A7DC7BD5CF94896AAB693AE704AA7E9",
      "icn": "15654345",
      "subscriptionSid": "F576970B6D744DCDBAA611D015E8EC96",
      "topicName": "VETextPushIOS",
      "topicSid": "B4736A6F82CE46D28069545218ECFE88"
    }
  ],
  "success": true
}
```

A DELETE request deletes a topic.

```
/api/vetext/pub/mobile/push/topic/{topic_sid}
```

Example Request:

```
curl --request DELETE \
```

```
   --url https://vetext-
server/api/vetext/pub/mobile/push/topic/B4736A6F82CE46D28069545218ECFE88
\
   --header 'authorization: Basic foobar'
```

Preferences

The Preferences API allows for retrieving a master list of preferences as well as managing client endpoint preferences. Each preference has a name, ID, and an auto opt-in flag. The auto opt-in flag determines whether or not an endpoint is automatically opted-in to the preference (i.e. the preference is implicitly true for each endpoint unless the endpoint is explicitly opted out).

There are several GET requests that retrieve preferences.

Master Preference List

Retrieve the master list of preferences (i.e. preference types):
```
/api/vetext/pub/mobile/push/preferences/all
```
Example Request:
```
curl --request GET \
   --url https://vetext-
server/api/vetext/pub/mobile/push/preferences/all\
   --header 'authorization: Basic foobar'
```
Example Response:
```
[
  {
    "autoOptIn": false,
    "preferenceId": "appointment_reminders",
    "preferenceName": "Appointment Reminders"
  },
  {
    "autoOptIn": false,
    "preferenceId": "claim_status_updates",
    "preferenceName": "Claim Status Updates"
  }
]
```


Retrieve Endpoints for a Preference

Retrieve the list of endpoints for whom a particular preference has a value of 'true'.
```
/api/vetext/pub/mobile/push/preferences/clients/{pref_id}
```
The *pref_id* parameter is the unique ID of the preference.

Example Request:

```
curl --request GET \
  --url https://vetext-
server/api/vetext/pub/mobile/push/preferences/clients/appointment_remind
ers\
  --header 'authorization: Basic foobar'
```

Example Response:

```
[
  {
    "autoOptIn": false,
    "endpointSid": "2865feff8f4e4dca9e92d9e8c172902d",
    "preferenceId": "appointment_reminders",
    "preferenceName": "Appointment Reminders",
    "value": true
  },
  {
    "autoOptIn": false,
    "endpointSid": "8c258cbe573c462f912e7dd74585a5a9",
    "preferenceId": "appointment_reminders",
    "preferenceName": "Appointment Reminders",
    "value": true
  }
]
```

Retrieve Preferences for an Endpoint

Retrieve the list of preferences associated with a particular client endpoint.

```
/api/vetext/pub/mobile/push/preferences/client/{endpoint_sid}
```

The *endpoint_sid* parameter is the SID of the client endpoint.

Example Request:

```
curl --request GET \
  --url https://vetext-
server/api/vetext/pub/mobile/push/preferences/client/8c258cbe573c462f912
e7dd74585a5a9\
  --header 'authorization: Basic foobar'
```

Example Response:

```
[
  {
    "autoOptIn": false,
    "endpointSid": "8c258cbe573c462f912e7dd74585a5a9",
    "preferenceId": "appointment_reminders",
    "preferenceName": "Appointment Reminders",
    "value": true
  },
  {
    "autoOptIn": false,
    "endpointSid": "8c258cbe573c462f912e7dd74585a5a9",
    "preferenceId": "claim_status_updates",
    "preferenceName": "Claim Status Updates",
```

```
      "value": true
   }
]
```

Retrieve Specific Preference for an Endpoint

Retrieve a particular preference associated with a client endpoint.

```
/api/vetext/pub/mobile/push/preferences/client/{endpoint_sid}/{pref_id}
```

The *endpoint_sid* parameter is the SID of the client endpoint.

The *pref_id* parameter is the ID of the preference.

Example Request:

```
curl --request GET \
   --url https://vetext-
server/api/vetext/pub/mobile/push/preferences/client/8c258cbe573c462f912
e7dd74585a5a9/appointment_reminders\
   --header 'authorization: Basic foobar'
```

Example Response:

```
{
   "autoOptIn": false,
   "endpointSid": "8c258cbe573c462f912e7dd74585a5a9",
   "preferenceId": "appointment_reminders",
   "preferenceName": "Appointment Reminders",
   "value": true
}
```

A PUT request sets a preference for a client endpoint.

```
/api/vetext/pub/mobile/push/preferences/client
```

The API expects a JSON document as the payload of the request specifying the endpoint SID, the preference ID, and the value of the preference (true of false).

The following is an example JSON payload:

```
{
   "endpointSid": "F1DC67487F5CE0227516037291336983",
   "preferenceId": "appointment_reminders",
   "value": true
}
```

The above API call would set or update the preference with the endpoint.

Example Request:

```
curl --request PUT \
   --url https://vetext-
server/api/vetext/pub/mobile/push/preferences/client\
   --header 'authorization: Basic foobar' \
```

```
    --header 'content-type: application/json' \
    --data '{
    "endpointSid": "F1DC67487F5CE0227516037291336983",
    "preferenceId": "appointment_reminders",
    "value": true
}'
```

The response of this call is true if the operation was successful.

```
{
    "success": true
}
```

Templates

The Templates API allows for creating and updating push notification templates. Templates are associated with preferences, and are used when sending a push notification. A preference may have more than one template, but only one of the templates may be set as the default.

Templates may be retrieved via GET requests:

Retrieve templates associated with a preference

```
/api/vetext/pub/mobile/push/templates/{preference_id}
```

The *preference_id* parameter is the ID of the preference.

Example Request:

```
curl --request GET \
  --url https://vetext-
server/api/vetext/pub/mobile/push/templates/appointment_reminders\
  --header 'authorization: Basic foobar'
```

Example Response:

```
[
  {
    "defaultTemplate": true,
    "name": "Non-PHI Appointment Reminder",
    "preferenceId": "appointment_reminders",
    "sid": "14768D0F8D9342D4AEAA74AD0DE17B25",
    "template": "You have an upcoming appointment with VA on
%APPOINTMENT_DATE% at %APPOINTMENT_TIME%. Tap to view appointment
details"
  }
]
```

Retrieve a particular template:

```
/api/vetext/pub/mobile/push/template/{template_sid}
```

The *template_sid* parameter is the SID of the template.

Example Request:

```
curl --request GET \
  --url https://vetext-
server/api/vetext/pub/mobile/push/template/0EF7C8C9390847D7B3B521426EFF5
814\
  --header 'authorization: Basic foobar'
```

Example Response:

```
{
  "defaultTemplate": true,
  "name": "Non-PHI Appointment Reminder",
  "preferenceId": "appointment_reminders",
  "sid": "14768D0F8D9342D4AEAA74AD0DE17B25",
  "template": "You have an upcoming appointment with VA on
%APPOINTMENT_DATE% at %APPOINTMENT_TIME%. Tap to view appointment
details"
}
```

A PUT request creates or updates a template.

```
/api/vetext/pub/mobile/push/template
```

The API expects a JSON document as the payload of the request specifying the preference ID, the template SID, the name of the template, and the template itself.

The following is an example JSON payload:

```
{
  "preferenceId": "inclement_weather_alert",
  "name": "Inclement Weather Alert",
  "template": "Due to inclement weather the %SITE% VA will be closed.",
  "defaultTemplate": false
}
```

The above API call would create or update the template associated with the specified preference.

Example Request:

```
curl --request PUT \
  --url https://vetext-server/api/vetext/pub/mobile/push/template\
  --header 'authorization: Basic foobar' \
  --header 'content-type: application/json' \
  --data '{
  "preferenceId": "inclement_weather_alert",
  "name": "Inclement Weather Alert",
  "template": "Due to inclement weather the %SITE% VA will be
closed.",
  "defaultTemplate": false
}'
```

Example Response:

```
{
```

```
    "defaultTemplate": false,
    "name": "Inclement Weather Alert",
    "preferenceId": "0",
    "sid": "CD93BA365CBC1C7A3E16069336339581",
    "template": "Due to inclement weather the %SITE% VA will be closed."
}
```

To update an existing template, include the template SID in the JSON payload along with the template field(s) to be updated (e.g. name, template, defaultTemplate).

Example Request:

```
curl --request PUT \
  --url https://vetext-server/api/vetext/pub/mobile/push/topic \
  --header 'authorization: Basic foobar' \
  --header 'content-type: application/json' \
  --data '{
  "sid": "CD93BA365CBC1C7A3E16069336339581",
  "template": "Due to inclement weather the %SITE% VA will be closed on
%DATES%."
}'
```

A DELETE request deletes a template.

```
/api/vetext/pub/mobile/push/template/{template_sid}
```

Example Request:

```
curl --request DELETE \
  --url https://vetext-
server/api/vetext/pub/mobile/push/template/0EF7C8C9390847D7B3B521426EFF5
814 \
  --header 'authorization: Basic foobar'
```

Sending Push Notifications

The Send API allows for sending notifications to an active client endpoint registered with VEText.

The API is invoked via a **POST** request to the following path:

```
/api/vetext/pub/mobile/push/send
```

The API expects a JSON document as the payload of the request specifying either the endpoint SID or the application SID and the veteran ICN, along with the personalization content for the template. A template SID must be provided unless a preference ID is used, in which case if the template SID is not supplied the default template associated with the preference will be used.

The following are examples of JSON payloads for send requests:

By Preference ID

```json
{
  "appSid": "EC15A7E1767C4018AC50B442AAC50D1E",
  "preferenceId": "appointment_reminders",
  "templateSid": "0EF7C8C9390847D7B3B521426EFF5814",
  "personalization": {
    "%APPOINTMENT_DATE%": "DEC 14",
    "%APPOINTMENT_TIME%": "10:00"
  }
}
```

The template SID may be omitted when a preference is used when sending a push notification, and in this case the default template associated with the preference will be used.

```json
{
  "appSid": "EC15A7E1767C4018AC50B442AAC50D1E",
  "preferenceId": "appointment_reminders",
  "personalization": {
    "%APPOINTMENT_DATE%": "DEC 14",
    "%APPOINTMENT_TIME%": "10:00"
  }
}
```

Example Request:

```
curl --request POST \
  --url https://vetext-server/api/vetext/pub/mobile/push/send \
  --header 'authorization: Basic foobar' \
  --header 'content-type: application/json' \
  --data '{
      "appSid": "EC15A7E1767C4018AC50B442AAC50D1E",
      "preferenceId": "appointment_reminders",
      "personalization": {
      "%APPOINTMENT_DATE%": "DEC 14",
      "%APPOINTMENT_TIME%": "10:00"
    }
}'
```

By Endpoint SID

```json
{
  "endpointSid": "3A7DC7BD5CF94896AAB693AE704AA7E9",
  "templateSid": "0EF7C8C9390847D7B3B521426EFF5814",
  "personalization": {
    "%APPOINTMENT_DATE%": "DEC 14",
    "%APPOINTMENT_TIME%": "10:00"
  }
}
```

Example Request:

```
curl --request POST \
  --url https://vetext-server/api/vetext/pub/mobile/push/send \
  --header 'authorization: Basic foobar' \
  --header 'content-type: application/json' \
```

```
    --data '{
        "endpointSid": "3A7DC7BD5CF94896AAB693AE704AA7E9",
        "templateSid": "0EF7C8C9390847D7B3B521426EFF5814",
        "personalization": {
        "%APPOINTMENT_DATE%": "DEC 14",
        "%APPOINTMENT_TIME%": "10:00"
    }
}'
```

By App SID and ICN

```
{
  "appSid": "EC15A7E1767C4018AC50B442AAC50D1E",
  "icn": "15654345",
  "templateSid": "0EF7C8C9390847D7B3B521426EFF5814",
  "personalization": {
    "%APPOINTMENT_DATE%", "DEC 14",
    "%APPOINTMENT_TIME%", "10:00"
  }
}
```

By Endpoint SID

```
{
  "endpointSid": "3A7DC7BD5CF94896AAB693AE704AA7E9",
  "templateSid": "0EF7C8C9390847D7B3B521426EFF5814",
  "personalization": {
    "%APPOINTMENT_DATE%", "DEC 14",
    "%APPOINTMENT_TIME%", "10:00"
  }
}
```

Example Request:

```
curl --request POST \
  --url https://vetext-server/api/vetext/pub/mobile/push/send \
  --header 'authorization: Basic foobar' \
  --header 'content-type: application/json' \
  --data '{
      "appSid": "EC15A7E1767C4018AC50B442AAC50D1E",
      "icn": "15654345",
      "templateSid": "0EF7C8C9390847D7B3B521426EFF5814",
      "personalization": {
      "%APPOINTMENT_DATE%", "DEC 14",
      "%APPOINTMENT_TIME%", "10:00"
  }
}'
```

Multiple Recipients

A notification may be pushed to multiple recipients by populating either the **icns** or the **endpointSids** fields with multiple identifiers.

```
{
  "endpointSids":
["c1ec39800cd846a897a98d51a09cf8f6","29f2448207be494da0a2ad1cedada5f4","
7730b506f68b409aa737d609f67c7278"],
  "templateSid": "0EF7C8C9390847D7B3B521426EFF5814",
  "personalization": {
    "%APPOINTMENT_DATE%", "DEC 14",
```

```
      "%APPOINTMENT_TIME%", "10:00"
    }
  }
  {
    "appSid": "6a81e4d3a",
    "icns": ["1012883478V254504","1012883478V254505","1012883478V254506"],
    "templateSid": "0EF7C8C9390847D7B3B521426EFF5814",
    "personalization": {
      "%APPOINTMENT_DATE%", "DEC 14",
      "%APPOINTMENT_TIME%", "10:00"
     }
  }
```

Example Request:

```
curl --request POST \
  --url https://vetext-server/api/vetext/pub/mobile/push/send \
  --header 'authorization: Basic foobar' \
  --header 'content-type: application/json' \
  --data '{
      "appSid": "EC15A7E1767C4018AC50B442AAC50D1E",
      "icns": "1023619836,1011568236",
      "templateSid": "0EF7C8C9390847D7B3B521426EFF5814",
      "personalization": {
        "%APPOINTMENT_DATE%", "DEC 14",
        "%APPOINTMENT_TIME%", "10:00"
        }
  }'
```

Broadcast

A notification may be broadcast to all recipients by populating either the **icn** or the **endpointSid** fields with an asterisk ("*****").

```
{
  "appSid": "EC15A7E1767C4018AC50B442AAC50D1E",
  "endpointSid": "*",
  "templateSid": "0EF7C8C9390847D7B3B521426EFF5814",
  "personalization": {
    "%APPOINTMENT_DATE%", "DEC 14",
    "%APPOINTMENT_TIME%", "10:00"
  }
}
{
  "appSid": "EC15A7E1767C4018AC50B442AAC50D1E",
  "icn": "*",
  "templateSid": "0EF7C8C9390847D7B3B521426EFF5814",
  "personalization": {
    "%APPOINTMENT_DATE%", "DEC 14",
    "%APPOINTMENT_TIME%", "10:00"
  }
}
```

Example request:

```
curl --request POST \
  --url https://vetext-server/api/vetext/pub/mobile/push/send \
  --header 'authorization: Basic foobar' \
  --header 'content-type: application/json' \
```

```
   --data '{
      "appSid": "EC15A7E1767C4018AC50B442AAC50D1E",
      "endpointSid": "*",
      "templateSid": "0EF7C8C9390847D7B3B521426EFF5814",
      "personalization": {
        "%APPOINTMENT_DATE%", "DEC 14",
        "%APPOINTMENT_TIME%", "10:00"
      }
   }'
```

Topic

A notification may be pushed to subscribers of a topic by specifying
the **topicSid** .

```
{
   "topicSid": "1564b406137a4b8587284b2a6e1a9147",
   "templateSid": "0EF7C8C9390847D7B3B521426EFF5814",
   "personalization": {
     "%APPOINTMENT_DATE%", "DEC 14",
     "%APPOINTMENT_TIME%", "10:00"
    }
}
```

Example Request:

```
curl --request POST \
   --url https://vetext-server/api/vetext/pub/mobile/push/send \
   --header 'authorization: Basic foobar' \
   --header 'content-type: application/json' \
   --data '{
      "topicSid": "1564b406137a4b8587284b2a6e1a9147",
      "templateSid": "0EF7C8C9390847D7B3B521426EFF5814",
      "personalization": {
      "%APPOINTMENT_DATE%", "DEC 14",
      "%APPOINTMENT_TIME%", "10:00"
    }
   }'
```

If the push notification was sent successfully, the API will return true to
indicate success, or an error will be returned with an indication of the problem
that prevented the push notification from being sent.

```
{
   "success": true
}
```

Errors

When an API invocation fails, an error message will be returned along with the
ID and ID type that was invalid.

Example error response:

```
{
  "error": "Invalid Application SID",
  "id": "123",
  "idType": "appSid",
  "success": false
}
```

Error Messages

- Access Denied (HTTP 403) - Invalid authentication credentials.

- Invalid Endpoint SID (HTTP 400) - The Client SID passed to the API was not valid.

- Invalid Client Device Token (HTTP 400) - The token passed to the API was not valid.

- Invalid Application SID (HTTP 400) - The application SID passed to the API is not valid.

- Invalid OS (HTTP 400) - The OS passed to the API is not valid.

- Invalid ICN (HTTP 400) - The ICN passed to the API is not valid.

- Invalid Topic SID (HTTP 400) - The Topic SID passed to the API is not valid.

- Inactive Registration (HTTP 400) - The client registration is not active.

- No Message Specified (HTTP 400) - The message field of the payload is blank.

- Endpoint already exists with the same Token, but different attributes (HTTP 400)

Authentication

The VEText Push Notifications REST API service is secured with basic authentication.

More Info

For more information or technical assistance please contact the VEText Team at vhalomvetext@va.gov.