

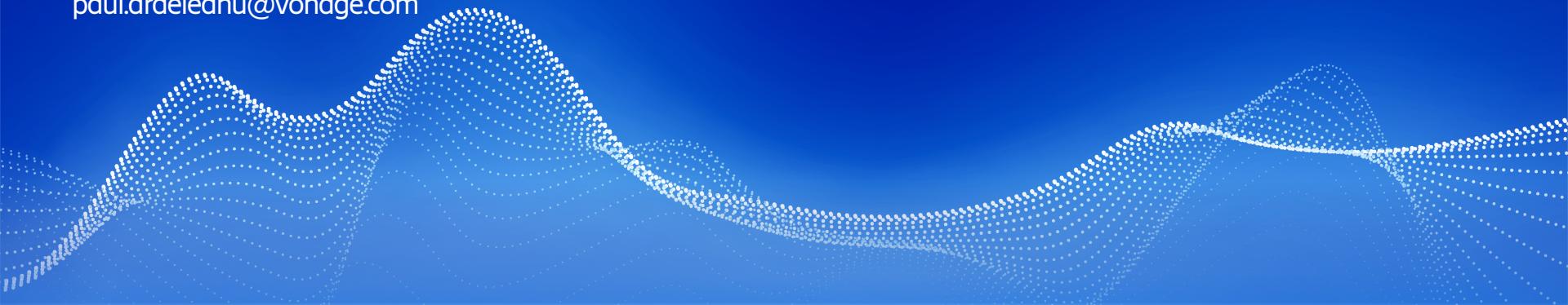


APIs... Vonage does that

Paul Ardeleanu

Senior Manager, Developer Relations

paul.ardeleanu@vonage.com





APIs...
Vonage does that

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Agenda

- Introduction
 - Requirements
 - The Vonage ecosystem
 - Using APIs directly
 - Vonage CLI
- Verify (2FA)
- Messages API
- Voice APIs
- Meetings API

Requirements

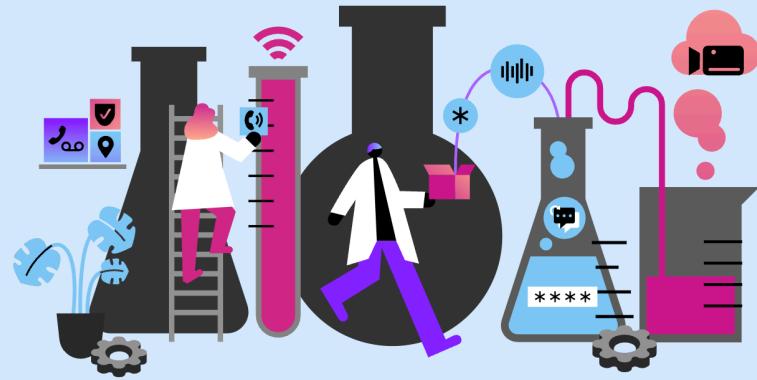
Log in to your Vonage account

Don't have an account yet? [Sign up.](#)

Email*

[I forgot my password](#)

Next



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Vonage Credentials

VONAGE APIs
Nexmo is now Vonage

Balance
€ 69.90

Account
Master (d2c8ed05)

QUICKLINKS
Billing ▾
Video Addons
Analytics ▾
Delivery and Quality ▾
Logs ▾

BUILD & MANAGE
</> API Settings ▾
Numbers ▾
Video ▾
Applications ▾
Integrations ▾

Settings

[API keys](#) [Notifications](#)

API key
Master (d2c8ed05) [Request more API keys](#)

Account credentials

Account name
Use this field to give your API key a friendly name. This will make it easier for you to identify it throughout the platform.

Account secret
This is used in combination with your API key to authenticate your API requests. If you need to change your secret, you can create a new one to facilitate secret rotation.
API secret 1
[Create new secret](#) (?)

Signed webhooks
This is an optional layer of security so that you can verify that a request is coming from Vonage and its payload has not been tampered with during transit - [learn more](#)

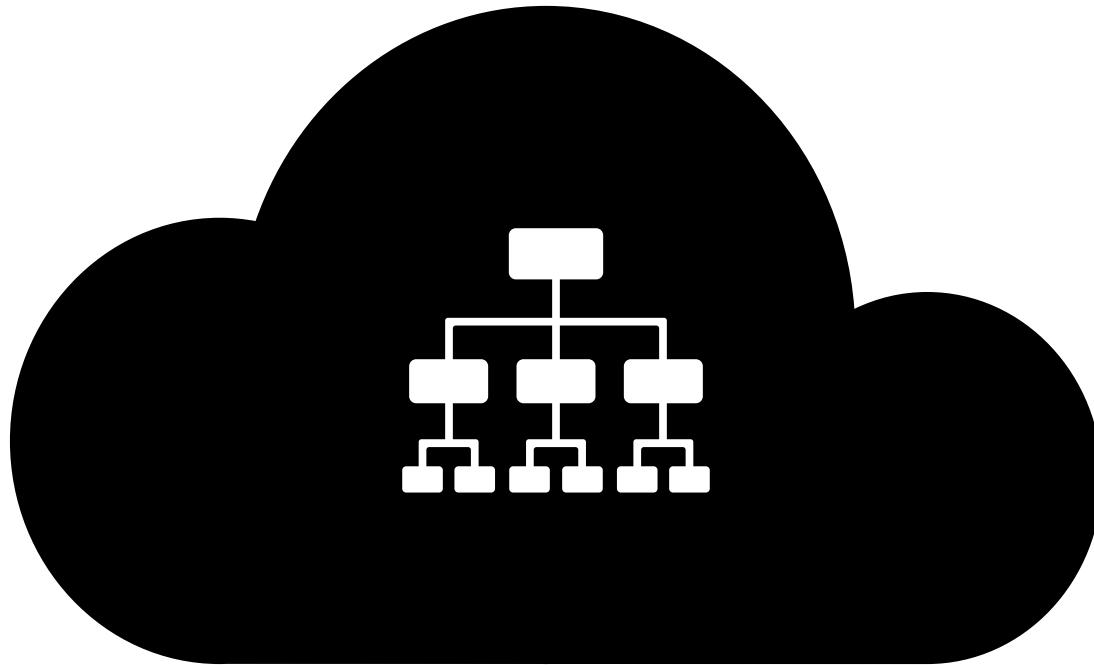
Signature secret
When receiving a request, the incoming webhook will include a JWT token in the [authorization header which is signed with your signature secret](#).

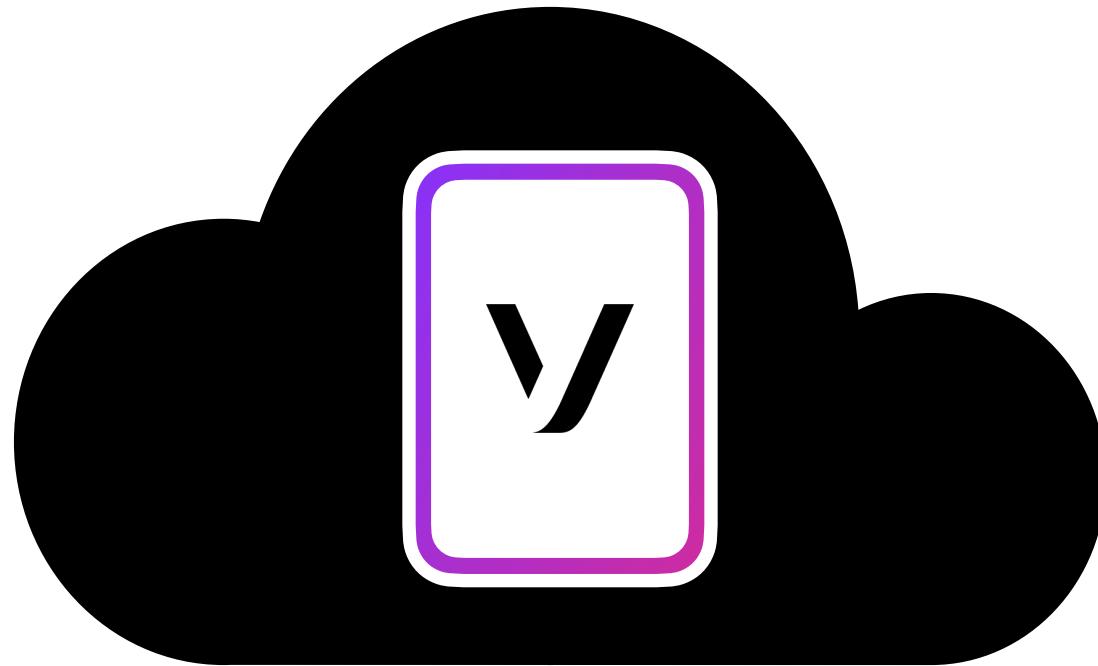
SMS settings
Vonage has two different APIs capable of sending and receiving SMS. You can only use one at a time because it will change the format of the webhooks you receive.
Please choose which API you want to use.
[SMS API](#) **Messages API**

Webhooks for the Messages API should be configured in [your applications](#).
You can learn more about Messages API webhooks in [the documentation](#).

Compliance
HIPAA Numbers
This account has been enabled to purchase HIPAA numbers. Go to your [campaign page](#) to request and enable a HIPAA compliant number.

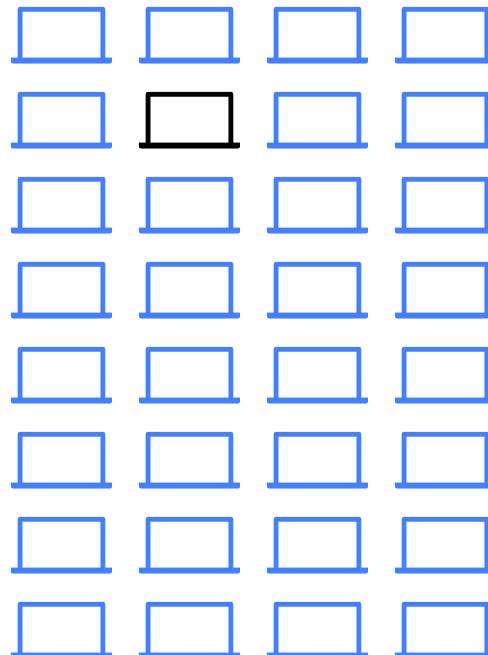
The Vonage Ecosystem





y

y



y





Workshop

cb9d439f-5c97-42e4-b05c-eacd3980f38d



Workshop

cb9d439f-5c97-42e4-b05c-eacd3980f38d

- Voice
- Messages
- RTC
- VBC
- Meetings

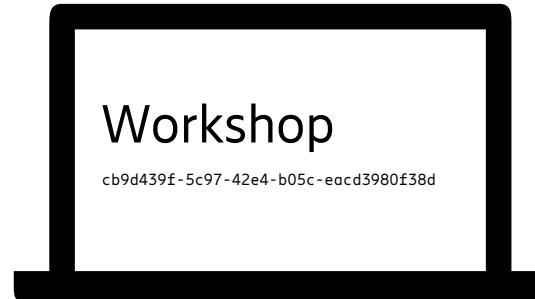


Workshop

cb9d439f-5c97-42e4-b05c-eacd3980f38d

- Voice
- Messages
- RTC
- VBC
- Meetings
- Video

y



v

@vonage/cli





@vonage/cli



Server SDKs

- Node
- PHP
- Python
- Ruby
- .NET
- Java



@vonage/cli



Server SDKs

- Node
- PHP
- Python
- Ruby
- .NET
- Java

Client SDKs

- Android
- iOS
- JavaScript

github.com/vonage

Repositories

Type Language Sort New

10 results for **public** repositories matching **-sdk** sorted by stars Clear filter

vonage-php-sdk-core <small>Public</small>	Vonage REST API client for PHP. API support for SMS, Voice, Text-to-Speech, Numbers, Verify (2FA) and more.	
PHP 863 Apache-2.0 168 7 0 Updated 23 days ago		
vonage-node-sdk <small>Public</small>	Vonage API client for Node.js. API support for SMS, Voice, Text-to-Speech, Numbers, Verify (2FA) and more.	
JavaScript 337 Apache-2.0 162 14 13 Updated 7 days ago		
vonage-ruby-sdk <small>Public</small>	Vonage REST API client for Ruby. API support for SMS, Voice, Text-to-Speech, Numbers, Verify (2FA) and more.	
Ruby 213 Apache-2.0 101 6 2 Updated 15 days ago		
vonage-python-sdk <small>Public</small>	Vonage Server SDK for Python. API support for SMS, Voice, Text-to-Speech, Numbers, Verify (2FA) and more.	
Python 146 Apache-2.0 103 1 3 Updated 17 hours ago		
vonage-php-sdk <small>Public</small>		

github.com/vonage-community

 **Vonage Community**

For and by the Community

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README.md 

Hi there

Your hub for developer news, events and innovations on communications APIs, libraries, SDKs and tools. From the developer relations team at Vonage. Here for you.

Vonage does that

Blogposts

- Messages API
 - [Restaurant Is Now Delivering: a Facebook Bot in Node.js](#)
 - [Build an Appointment Scheduler using Node, Firebase, and Vonage](#)
 - [How to send SMS Messages with Swift and Vapor using Async/Await](#)
- SMS API
 - [Send an SMS with .Net 6 and Minimal APIs](#)
- Voice API
 - [NCCO with Azure Serverless Functions](#)
 - [Making a Voice Call from Flutter to a Physical Phone](#)

Tutorials

- [Video Conference App With Vonage API](#)

Sample code

- [Client SDKs](#)

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[Get started with tasks](#) that most successful organizations complete.

People



[Invite someone](#)

Top languages

 JavaScript  PHP  Python  HTML
 C#

vonage.dev/workshop



API calls

Check Your Balance

developer.vonage.com/account/code-snippets/account-balance

```
curl "https://rest.nexmo.com/account/get-balance?  
api_key=$VONAGE_API_KEY&api_secret=$VONAGE_API_SECRET"
```

```
{"value":81.68078129,"autoReload":false}
```

Send an SMS

developer.vonage.com/messaging/sms/code-snippets/send-an-sms

```
curl -X "POST" "https://rest.nexmo.com/sms/json" \
-d "api_key=$VONAGE_API_KEY" \
-d "api_secret=$VONAGE_API_SECRET" \
-d "from=$VONAGE_BRAND_NAME_OR_NUMBER" \
-d "text=A text message sent using the Vonage SMS API" \
-d "to=$TO_NUMBER"
```

```
{"messages": [{"to": "447817135360", "message-id": "51a4b791-d4d8-4d4b-b05a-783654d4d7b2", "status": "0", "remaining-balance": "85.68078129", "message-price": "0.04120000", "network": "23433"}], "message-count": "1"}
```

Search for a Number to Rent

developer.vonage.com/numbers/code-snippets/search-available

```
curl "https://rest.nexmo.com/number/search?  
api_key=$VONAGE_API_KEY&api_secret=$VONAGE_API_SECRET&  
country=$COUNTRY_CODE"
```

```
{"count":53,"numbers":  
[{"country":"SE","msisdn":"46187511097","cost":"0.90","type":"landline","features":["VOICE"]},  
 {"country":"SE","msisdn":"46313616022","cost":"0.90","type":"landline","features":["VOICE"]},  
 ...  
 {"country":"SE","msisdn":"46769436255","cost":"4.00","type":"mobile-lvn","features":["VOICE","SMS"]}  
 ...  
 ]}  
  
{"count":1306895,"numbers":  
[{"country":"US","msisdn":"12013815890","cost":"0.90","type":"mobile-lvn","features":["VOICE","SMS"]},  
 {"country":"US","msisdn":"12014293560","cost":"0.90","type":"mobile-lvn","features":["VOICE","SMS"]},  
 {"country":"US","msisdn":"12014293594","cost":"0.90","type":"mobile-lvn","features":["VOICE","SMS"]},  
 ...  
 ]}
```

Renting a Number

developer.vonage.com/numbers/code-snippets/buy

```
curl -X "POST" "https://rest.nexmo.com/number/buy" \
-d "api_key=$VONAGE_API_KEY" \
-d "api_secret=$VONAGE_API_SECRET" \
-d "country=$COUNTRY_CODE" \
-d "msisdn=$VONAGE_NUMBER"
```

```
{"error-code": "200", "error-code-label": "success"}
```

The Vonage CLI

Install

developer.vonage.com/application/vonage-cli

```
$ npm install --location=global @vonage/cli  
$ yarn global add @vonage/cli  
  
$ vonage --help
```

```
CLI to interact with Vonage APIs  
  
VERSION  
@vonage/cli/1.1.4 darwin-arm64 node-v16.15.1  
  
USAGE  
$ vonage [COMMAND]  
  
COMMANDS  
  apps          manage your Vonage applications  
  balance       display your Vonage account balance  
  config        manage Vonage CLI configuration  
  help          display help for vonage  
  jwt           generate a Vonage JWT token  
  numberinsight get details about a phone number  
  numbers        manage your Vonage numbers  
  plugins        list installed plugins
```

Configuration

```
$ vonage config:set --apiKey=xxx --apiSecret=xxx
```

```
Credentials written to ~/.config/vonage/cli/vonage.config.json
```

```
$ vonage config
```

```
~~~User Config~~~  
{"apiKey": "xxx", "apiSecret": "xxx"}
```

Check Balance

```
$ vonage balance
```

```
Credentials written to ~/.config/vonage/cli/vonage.config.json
```

Send an SMS

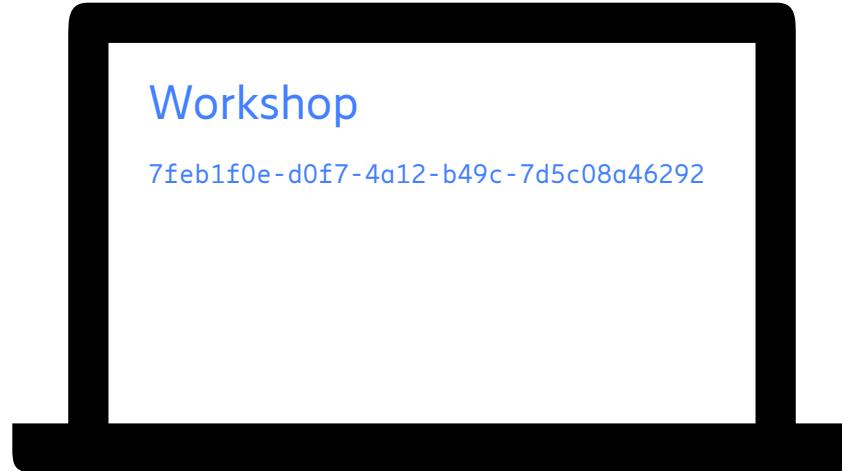
```
$ vonage plugins:install @vonage/cli-plugin-sms
```

```
$ vonage sms --help
```

```
$ vonage sms --to=15551234567 --from=Paul --message='A text  
message sent using the Vonage SMS API'
```

Messages API

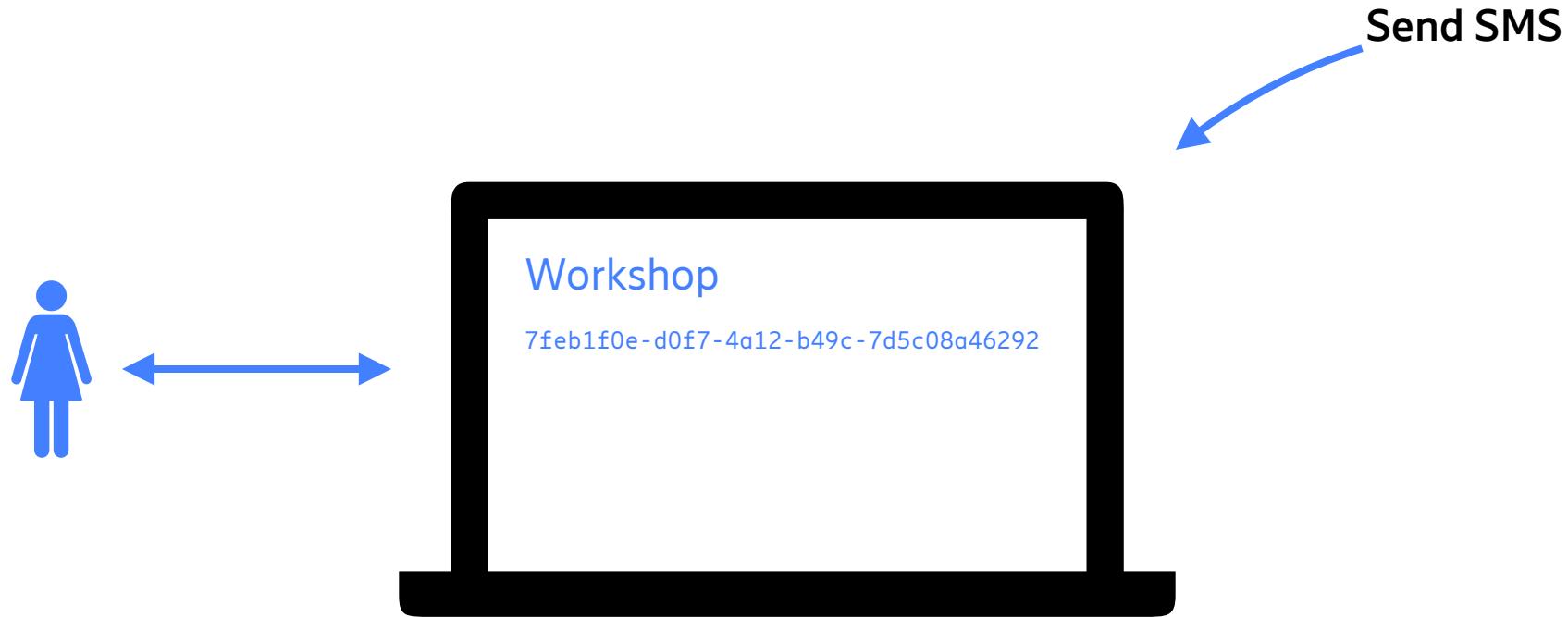
Sending an SMS



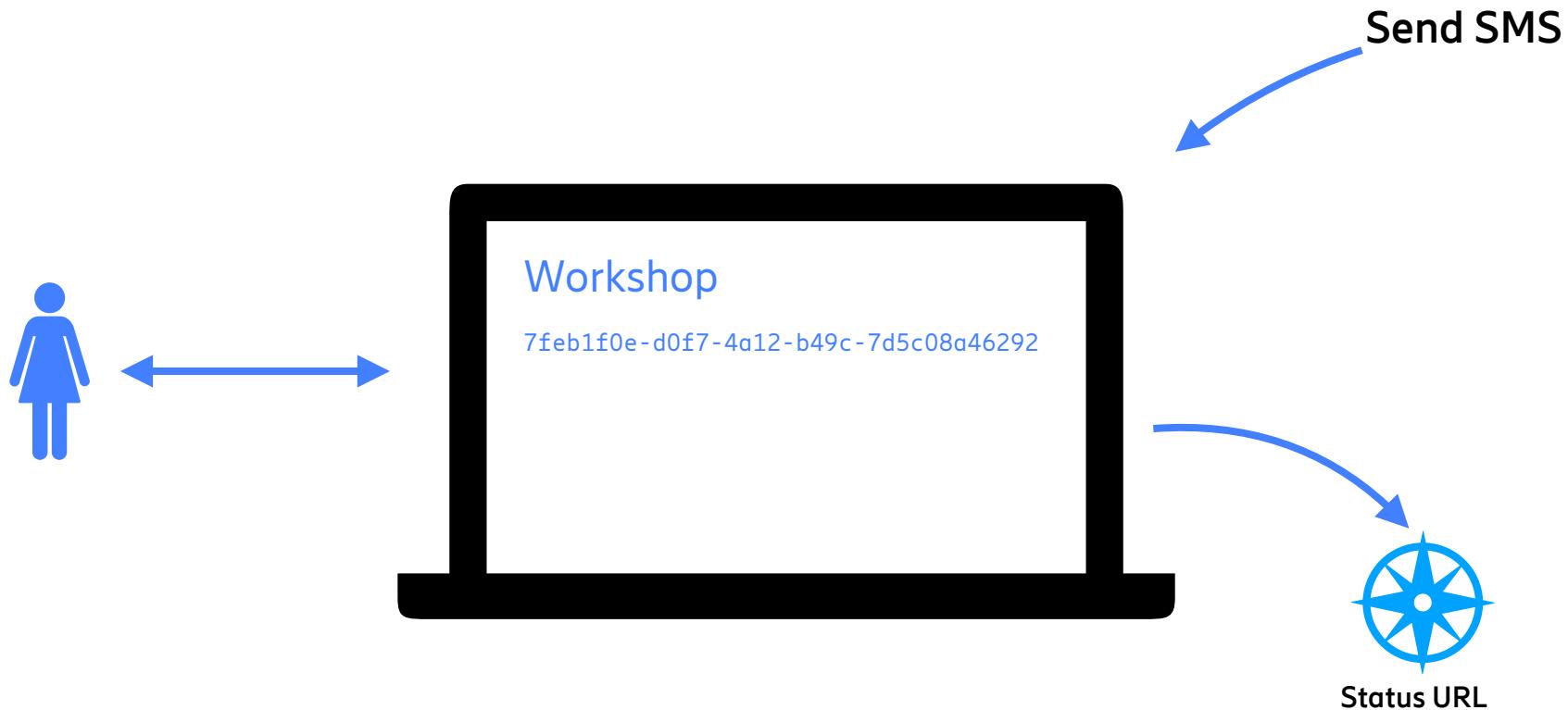
Sending an SMS



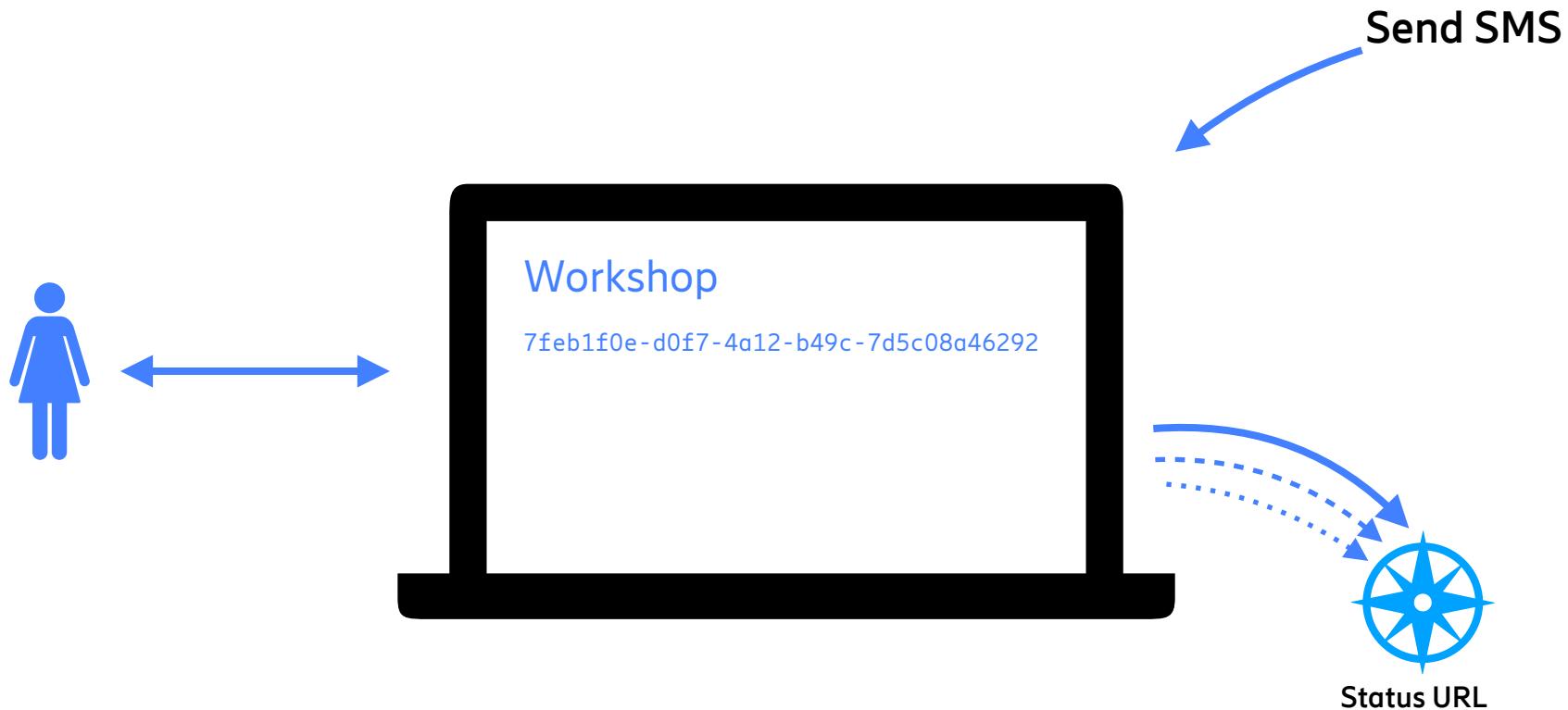
Sending an SMS



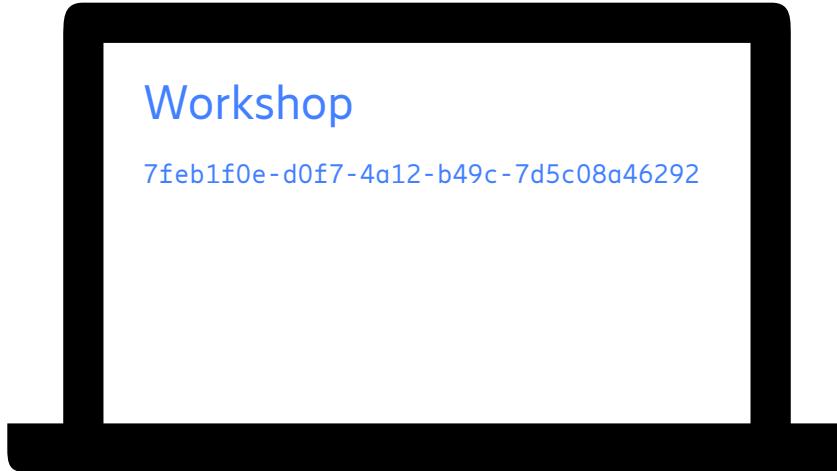
Sending an SMS



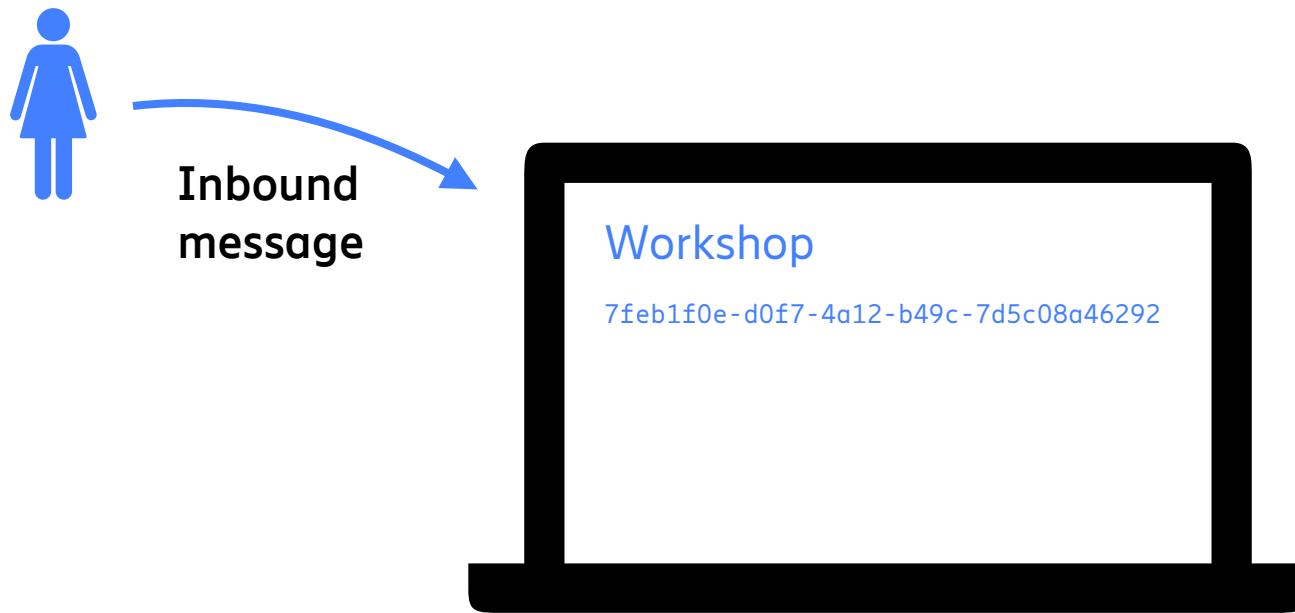
Sending an SMS



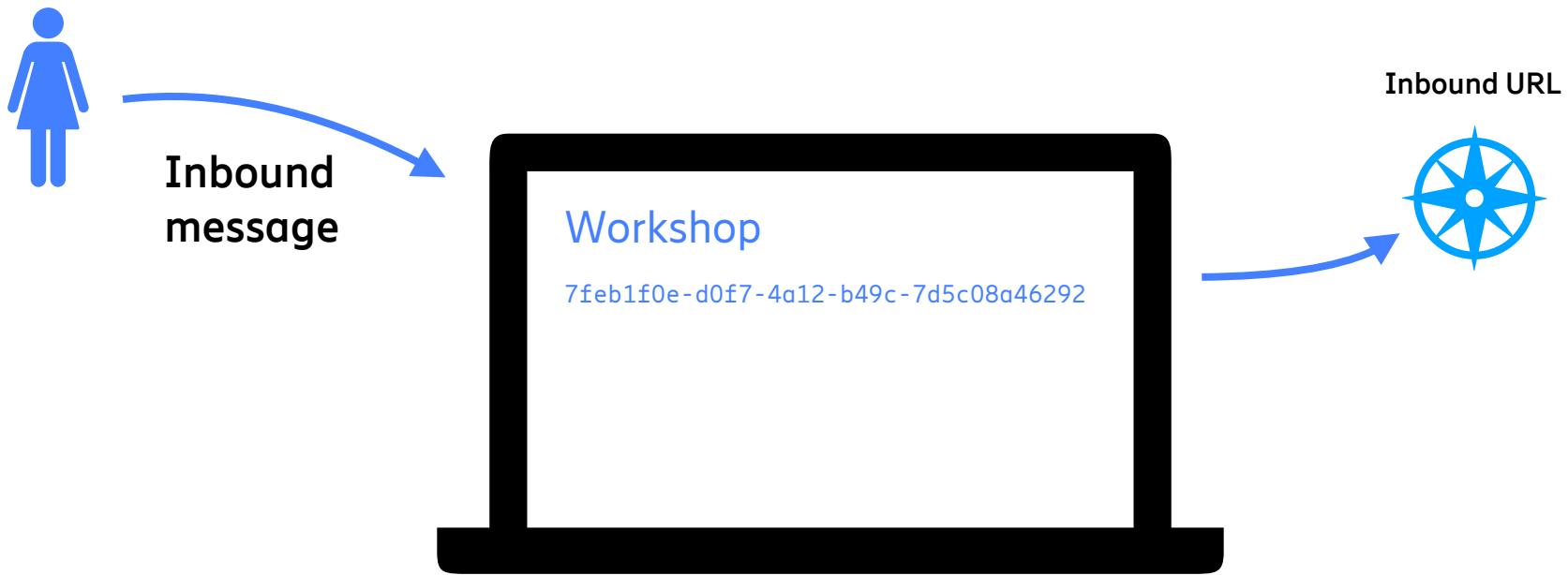
webhooks ▶ Inbound



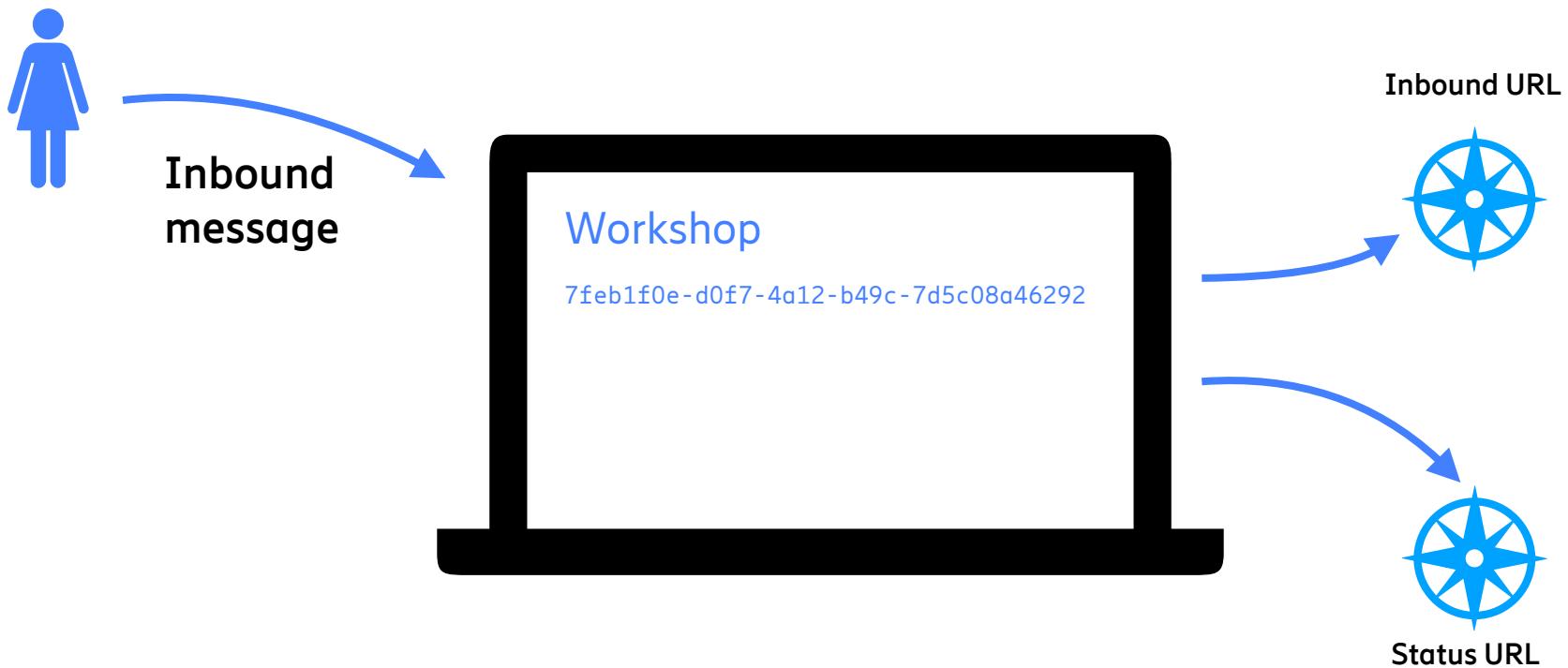
webhooks ▶ Inbound



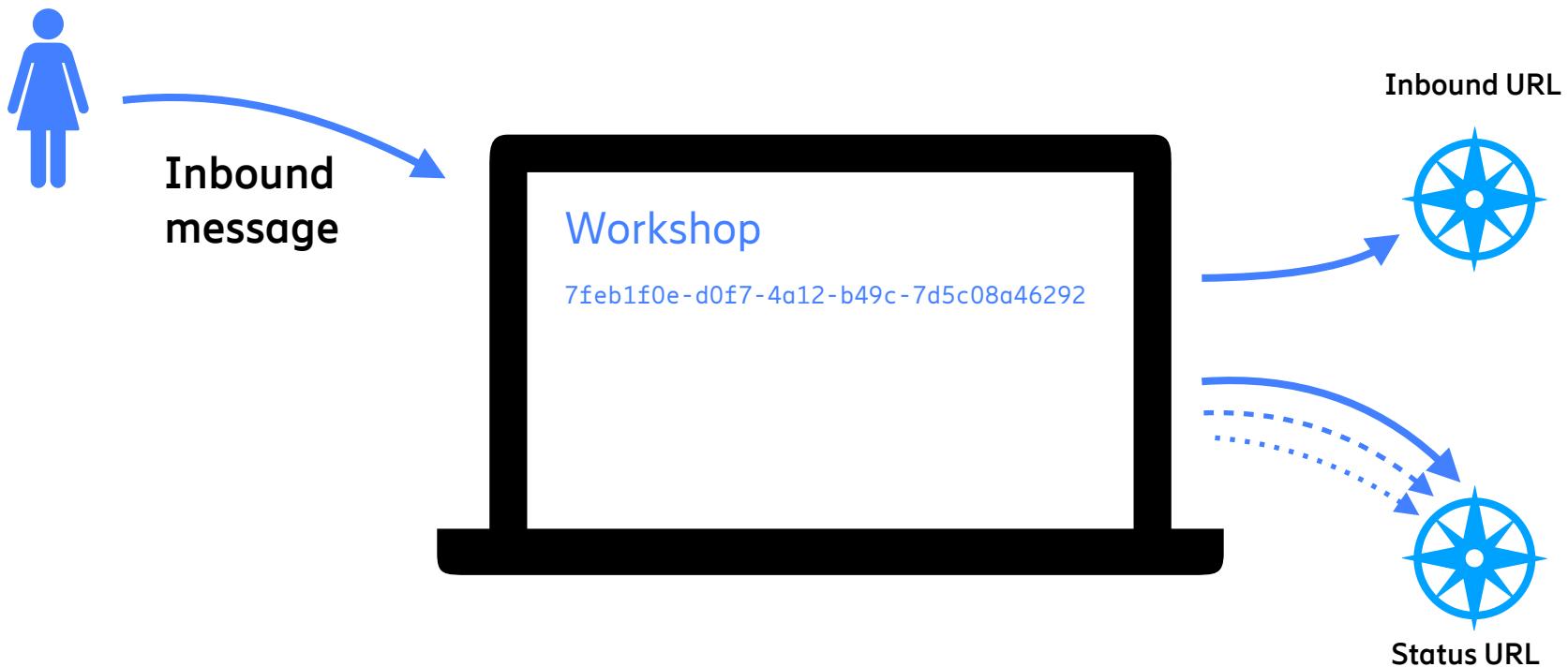
webhooks ▶ Inbound



webhooks ▶ Inbound

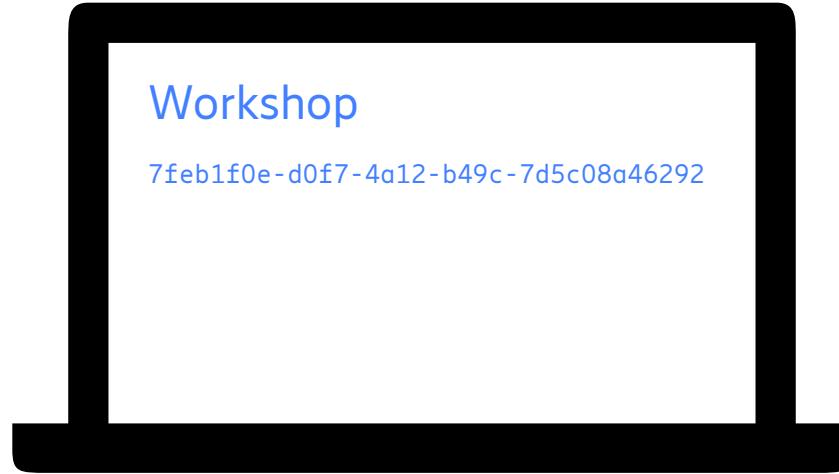


webhooks ▶ Inbound



Voice API

Placing a Call



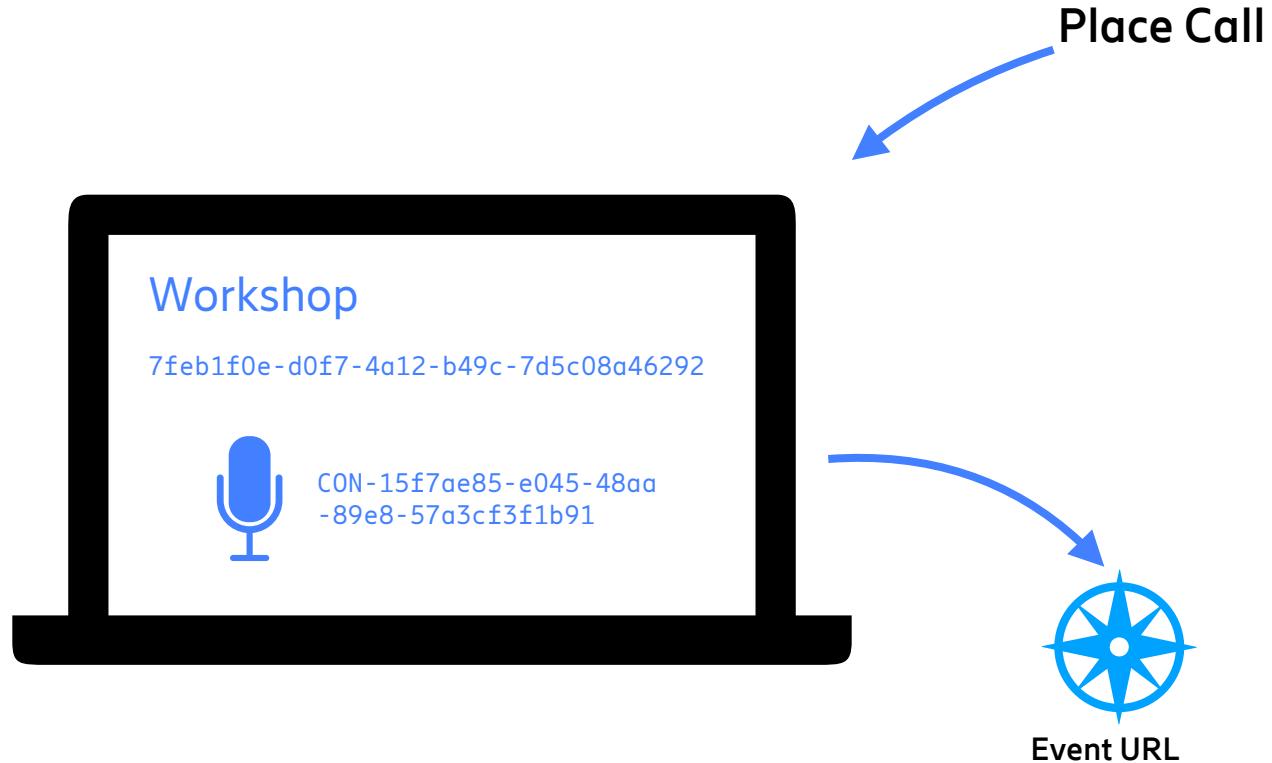
Placing a Call



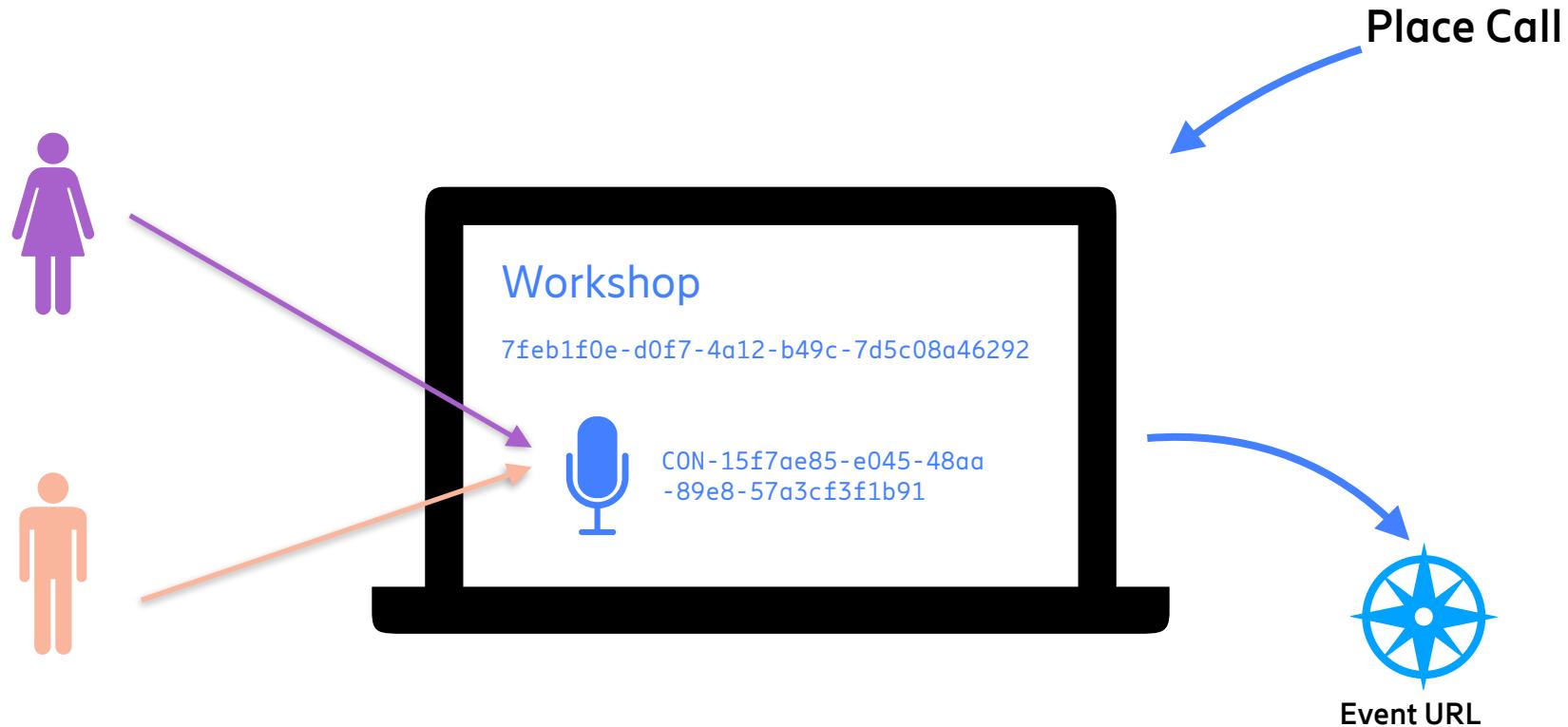
Placing a Call



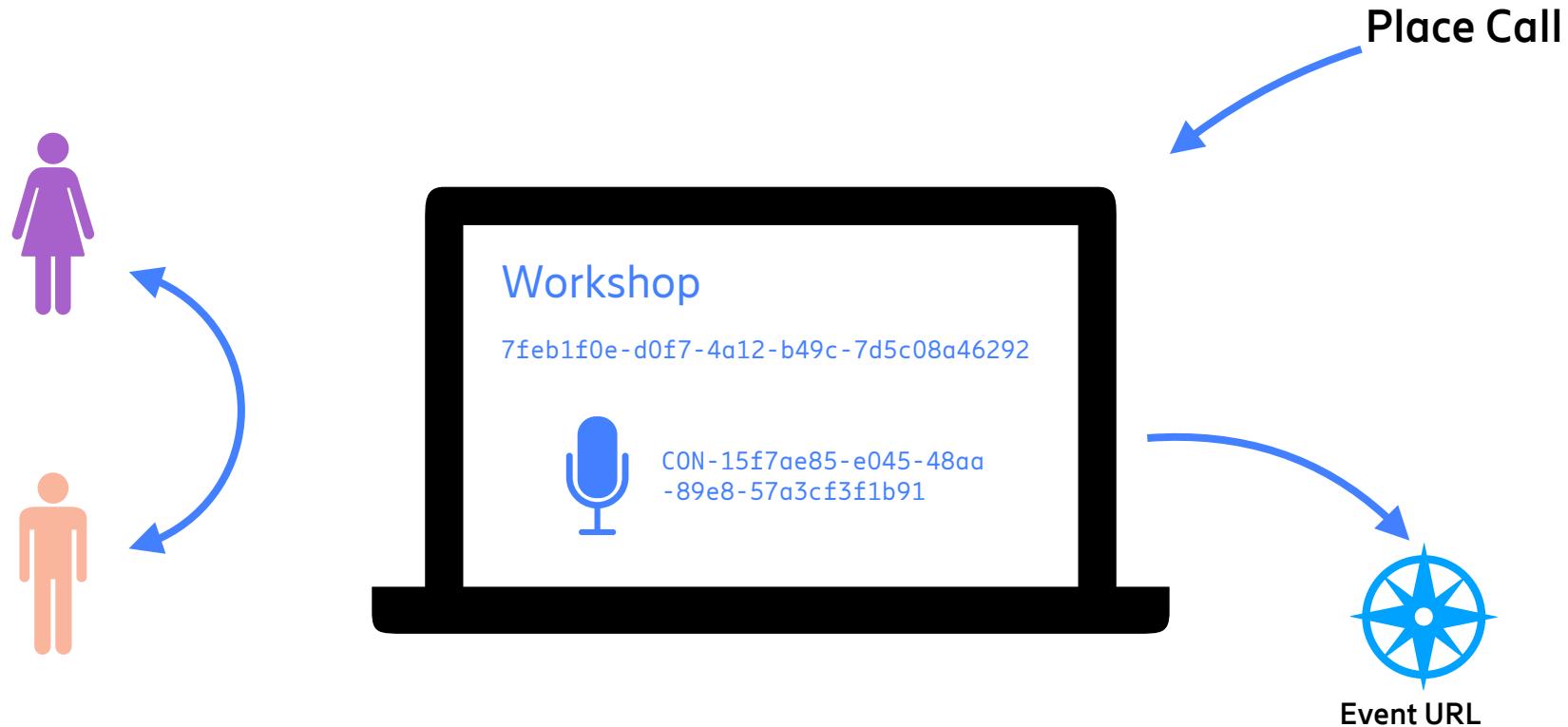
Placing a Call



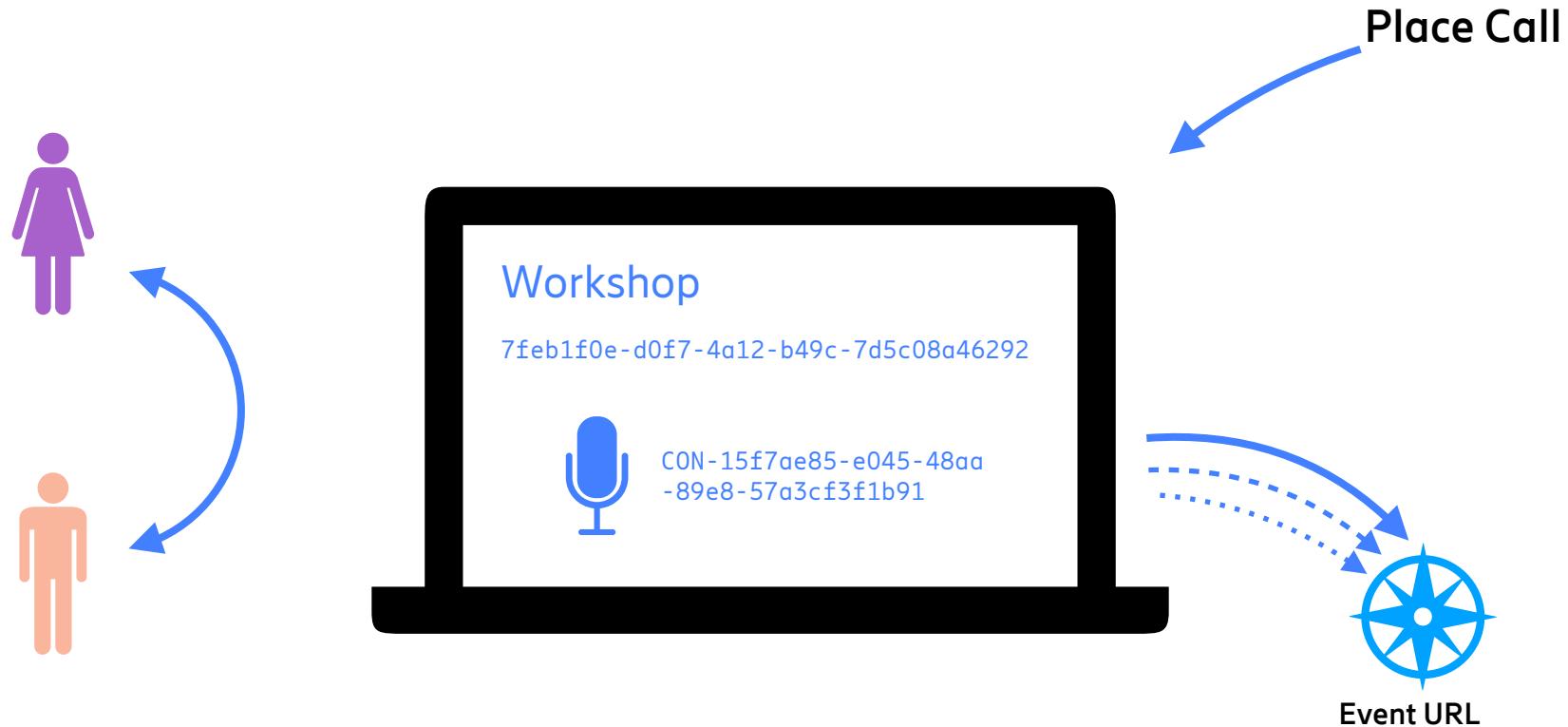
Placing a Call



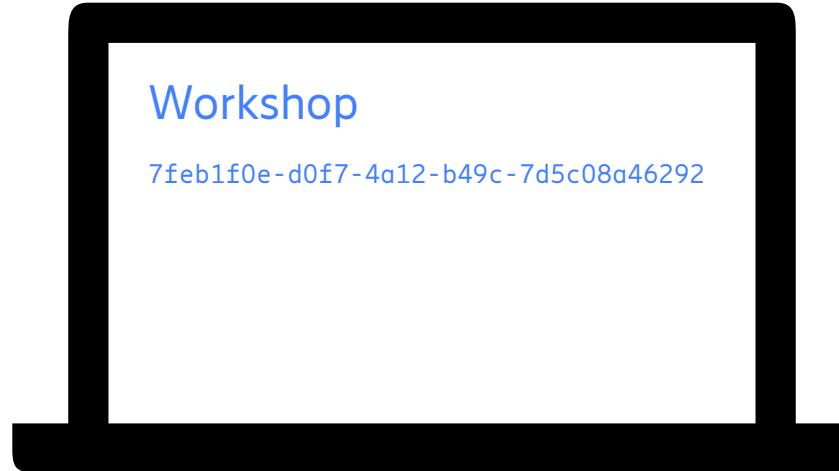
Placing a Call



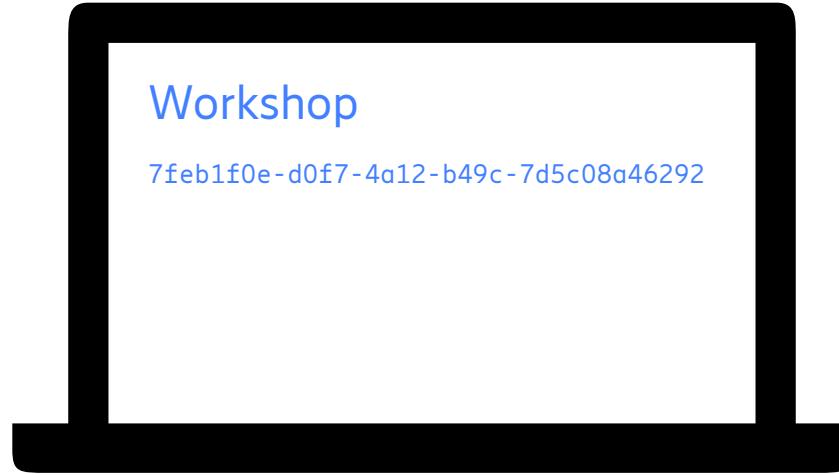
Placing a Call



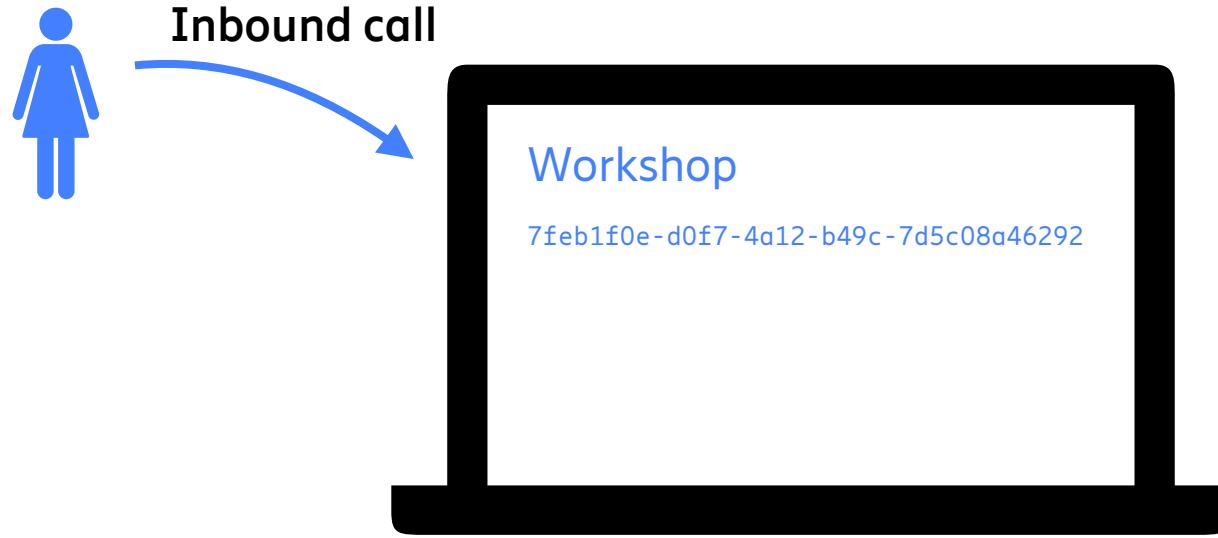
Receiving a Call



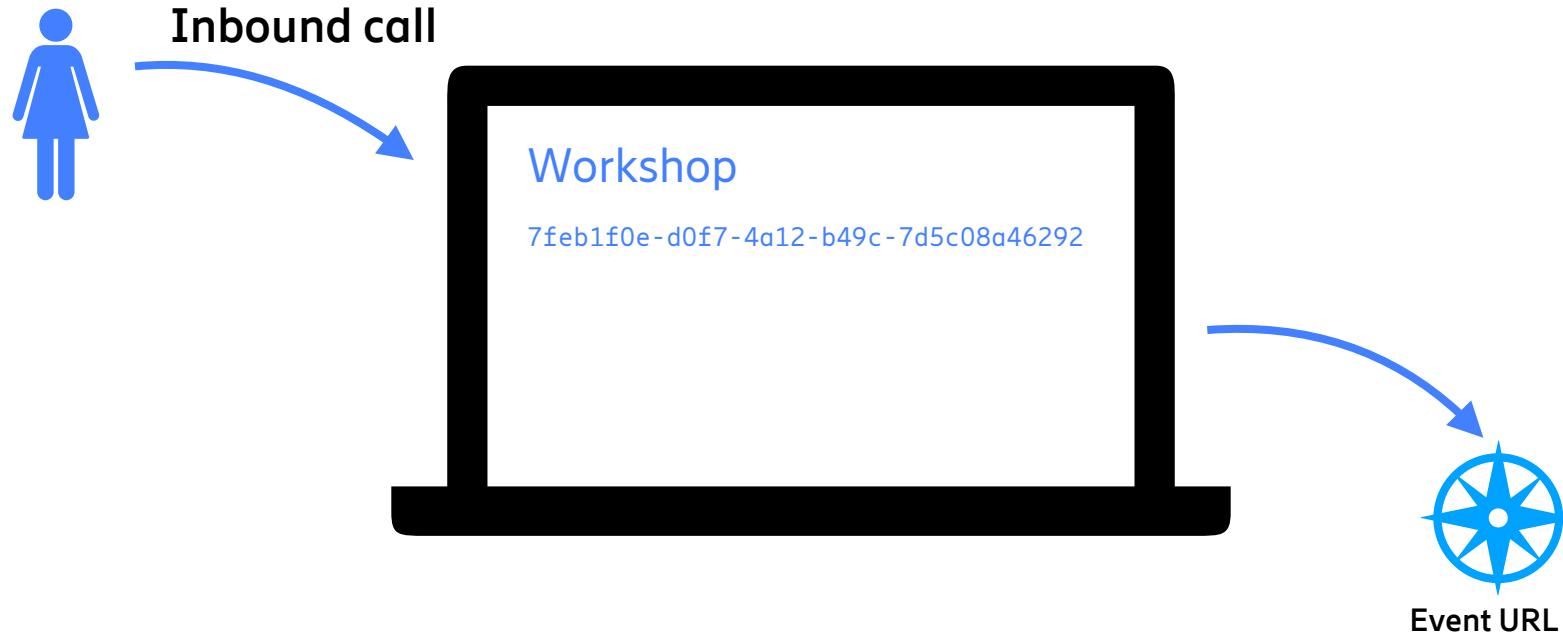
Receiving a Call



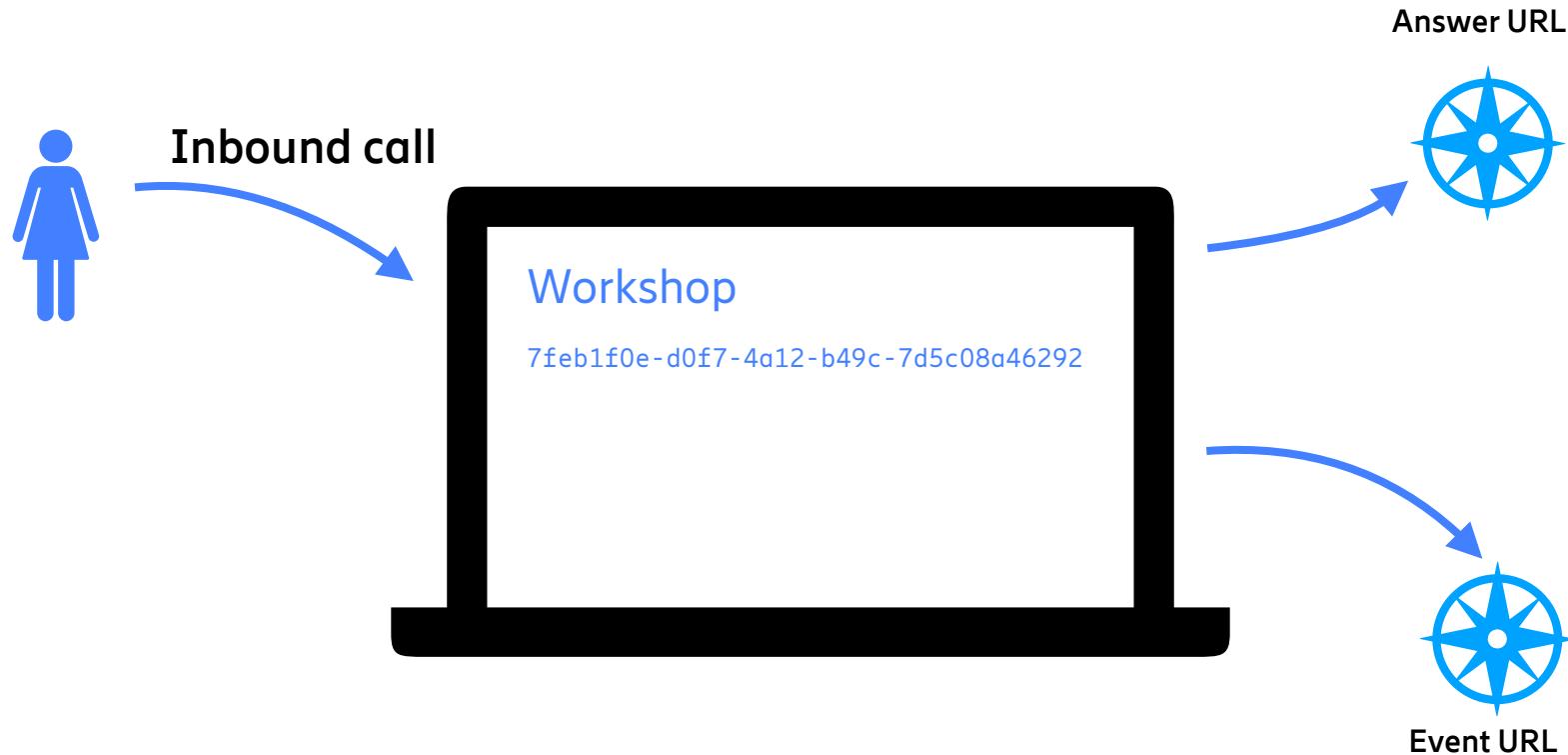
Receiving a Call



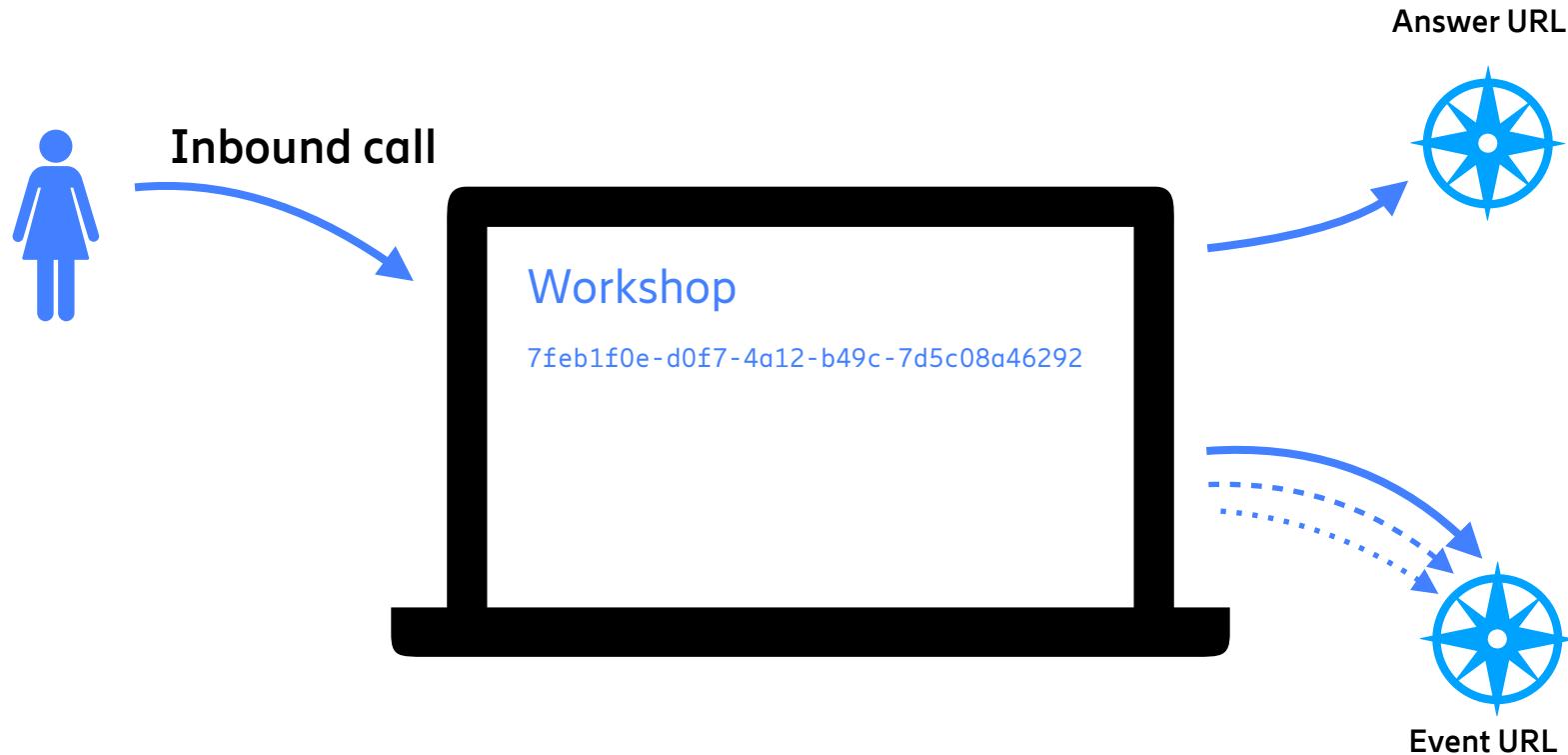
Receiving a Call



Receiving a Call



Receiving a Call





Thank you

devrel@vonage.com

