

CS589 PROJECT: INSTALLING AND RUNNING NGROK

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1. Install:

```
C:\Users\Ziming Wang\Downloads\ngrok-v3-stable-windows-amd64\ngrok.exe

ngrok http https://localhost      # expose a local https server
ngrok tcp 22                     # tunnel arbitrary TCP traffic to port 22
ngrok tls --domain=foo.com 443   # TLS traffic for foo.com to port 443
ngrok start foo bar baz         # start tunnels from the configuration file

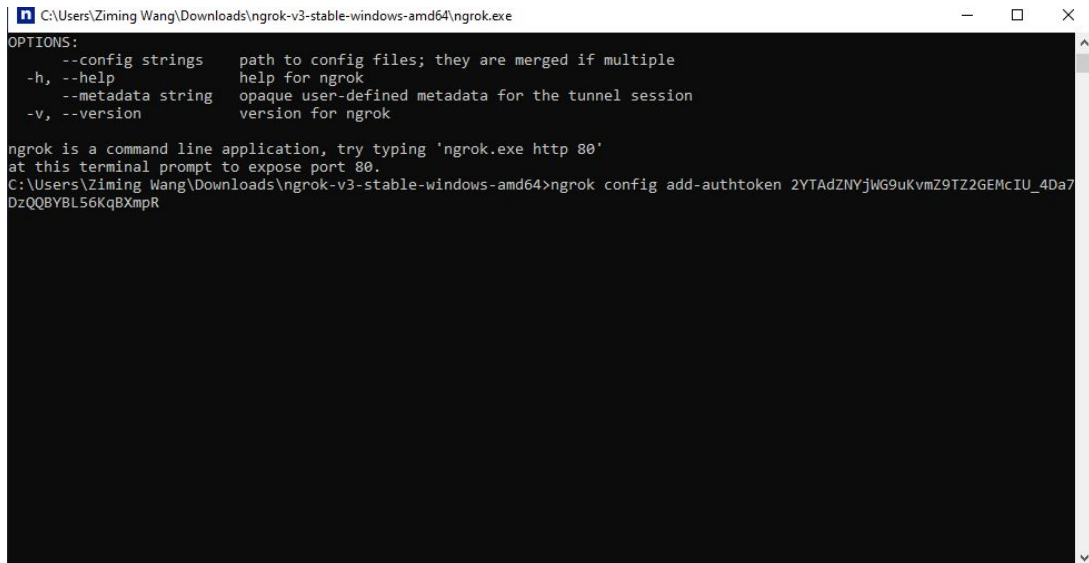
COMMANDS:
api                use ngrok agent as an api client
completion         generates shell completion code for bash or zsh
config             update or migrate ngrok's configuration file
credits            prints author and licensing information
diagnose           diagnose connection issues
help              Help about any command
http              start an HTTP tunnel
service           run and control an ngrok service on a target operating system
start             start tunnels by name from the configuration file
tcp               start a TCP tunnel
tls               start a TLS tunnel
tunnel            start a tunnel for use with a tunnel-group backend
update            update ngrok to the latest version
version           print the version string

OPTIONS:
--config strings  path to config files; they are merged if multiple
-h, --help       help for ngrok
--metadata string opaque user-defined metadata for the tunnel session
-v, --version     version for ngrok

ngrok is a command line application, try typing 'ngrok.exe http 80'
at this terminal prompt to expose port 80.
C:\Users\Ziming Wang\Downloads\ngrok-v3-stable-windows-amd64>
```

2. Connect

```
ngrok config add-authtoken 2YTAZNYjWG9uKvmZ9TZ2GEMcIU_4Da7DzQQBYBL56KqBXmpR
```



A screenshot of a Windows command prompt window. The title bar shows the file path: C:\Users\Ziming Wang\Downloads\ngrok-v3-stable-windows-amd64\ngrok.exe. The window content displays the following text:

```
OPTIONS:  
  --config strings  path to config files; they are merged if multiple  
  -h, --help        help for ngrok  
  --metadata string opaque user-defined metadata for the tunnel session  
  -v, --version      version for ngrok  
  
ngrok is a command line application, try typing 'ngrok.exe http 80'  
at this terminal prompt to expose port 80.  
C:\Users\Ziming Wang\Downloads\ngrok-v3-stable-windows-amd64>ngrok config add-authtoken 2YTAZNYjWG9uKvmZ9TZ2GEMcIU_4Da7DzQQBYBL56KqBXmpR
```

3. Test

Agents

Instances of running ngrok agents. You can s

Filter agents...

ID	Region	IP
ts...I5Y8Vr	US-CAL-1	2601:647:5e00:4743:c5dd:cb26:84ab:a8e8

Agent

StopRestartUpdate

Session ID	ts_2YTBGSYzqhgeh4xxmRw2I5Y8Vr
Credential ID	cr_2YTAdZNYjWG9uKvmZ9TZ2GEMcIU
Region	US-CAL-1 - United States (California)
Agent Ingress Hostname	connect.ngrok-agent.com
IP	2601:647:5e00:4743:c5dd:cb26:84ab:a8e8
Agent Version	ngrok-agent/3.4.0
User-Agent	ngrok-agent/3.4.0 ngrok-go/1.4.1
OS	windows
Transport	muxado
Started	Nov 21st, 2023 04:06:32 UTC
Metadata	0 bytes

Tunnel	Forwards To
https://e5eb-2601-647-5e00-4743-c5dd-cb26-84ab-a8e8.ngrok-free.app	http://localhost:5000

3. Test



🔒 e5eb-2601-647-5e00-4743-c5dd-cb26-84ab-a8e8.ngrok-free.app



ChatGPT Questioner

Select Language: English ▾

Question:

Ask ChatGPT

Answer from ChatGPT:

Thank you!