

```
(base) mani@master-node:~/Documents/Refactored,AI/load_test$ k6 run --vus 500 --duration 60s refactored.js
```



```
execution: local
script: refactored.js
output: -
```

```
scenarios: (100.00%) 1 executors, 500 max VUs, 1m30s max duration (incl. graceful stop):
* default: 500 looping VUs for 1m0s (gracefulStop: 30s)
```

```
WARN[0070] Request Failed error="Get \"https://refactored.ai/course/aws-deepracer/\": context deadline
ERRO[0070] TypeError: Cannot read property 'includes' of undefined
running at AWSDeepracerHomeDone (file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:28:80(6))
default at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:26:26(17)
  at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:24:19(12)
  at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:18:17(5) executor=constant-vus scenario=default
WARN[0070] Request Failed error="Get \"https://refactored.ai/course/aws-deepracer/\": context deadline
ERRO[0070] TypeError: Cannot read property 'includes' of undefined
running at AWSDeepracerHomeDone (file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:28:80(6))
default at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:26:26(17)
  at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:24:19(12)
  at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:18:17(5) executor=constant-vus scenario=default
WARN[0071] Request Failed error="Get \"https://refactored.ai/course/aws-deepracer/\": context deadline
ERRO[0071] TypeError: Cannot read property 'includes' of undefined
running at AWSDeepracerHomeDone (file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:28:80(6))
default at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:26:26(17)
  at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:24:19(12)
  at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:18:17(5) executor=constant-vus scenario=default
WARN[0071] Request Failed error="context deadline exceeded"
WARN[0071] Request Failed error="Get \"https://refactored.ai/course/aws-deepracer/\": context deadline
ERRO[0071] TypeError: Cannot read property 'includes' of undefined
running at AWSDeepracerHomeDone (file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:28:80(6))
default at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:26:26(17)
  at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:24:19(12)
  at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:18:17(5) executor=constant-vus scenario=default
WARN[0078] Request Failed error="Get \"https://refactored.ai/learn/aws-deepracer/da3be7bdddd41c0a293c
ERRO[0078] TypeError: Cannot read property 'includes' of undefined
running at CreateAWSAccountDone (file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:36:79(6))
default at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:34:26(17)
  at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:32:19(19)
  at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:18:17(5) executor=constant-vus scenario=default
WARN[0079] Request Failed error="Get \"https://refactored.ai/learn/aws-deepracer/da3be7bdddd41c0a293c
ERRO[0079] TypeError: Cannot read property 'includes' of undefined
running at CreateAWSAccountDone (file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:36:79(6))
default at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:34:26(17)
  at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:32:19(19)
  at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:18:17(5) executor=constant-vus scenario=default
WARN[0082] Request Failed error="Get \"https://refactored.ai/learn/introductiontoautonomousvehicles/7!
ERRO[0082] TypeError: Cannot read property 'includes' of undefined
running at IntroductionToAutonomousVehicleDone (file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:44:110(6))
default at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:42:26(17)
  at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:40:19(26)
  at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:18:17(5) executor=constant-vus scenario=default
WARN[0083] Request Failed error="Get \"https://refactored.ai/learn/introductiontoautonomousvehicles/7!
ERRO[0083] TypeError: Cannot read property 'includes' of undefined
running at IntroductionToAutonomousVehicleDone (file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:44:110(6))
default at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:42:26(17)
  at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:40:19(26)
  at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:18:17(5) executor=constant-vus scenario=default
WARN[0083] Request Failed error="context deadline exceeded"
WARN[0084] Request Failed error="Get \"https://refactored.ai/learn/aws-deepracer/da3be7bdddd41c0a293c
ERRO[0084] TypeError: Cannot read property 'includes' of undefined
running at CreateAWSAccountDone (file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:36:79(6))
default at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:34:26(17)
  at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:32:19(19)
  at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:18:17(5) executor=constant-vus scenario=default
WARN[0084] Request Failed error="Get \"https://refactored.ai/learn/introductiontoautonomousvehicles/7!
ERRO[0084] TypeError: Cannot read property 'includes' of undefined
running at IntroductionToAutonomousVehicleDone (file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:44:110(6))
default at native
  at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:42:26(17)
  at native
```

```

at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:40:19(26)
at native
at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:18:17(5)  executor=constant-vus scenario=default
WARN[0084] Request Failed error="Get \"https://refactored.ai/learn/introductiontoautonomousvehicles/7!
ERR0[0084] TypeError: Cannot read property 'includes' of undefined
running at IntroductionToAutonomousVehicleDone (file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:44:110(6))
default at native
at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:42:26(17)
at native
at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:40:19(26)
at native
at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:18:17(5)  executor=constant-vus scenario=default
WARN[0088] Request Failed error="context deadline exceeded"
ERR0[0088] TypeError: Cannot read property 'includes' of undefined
running at IntroductionToAutonomousVehicleDone (file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:44:110(6))
default at native
at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:42:26(17)
at native
at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:40:19(26)
at native
at file:///home/mani/Documents/Refactored,AI/load_test/refactored.js:18:17(5)  executor=constant-vus scenario=default
WARN[0088] Request Failed error="context deadline exceeded"
WARN[0090] Request Failed error="context deadline exceeded"
WARN[0092] Request Failed error="context deadline exceeded"
WARN[0092] Request Failed error="Get \"https://refactored.ai/learn/aws-deepracer-basics-of-reinforcem
WARN[0092] Request Failed error="Get \"https://refactored.ai/learn/introductiontomachinelearning/4509c

running (1m30.1s), 000/500 VUs, 136 complete and 364 interrupted iterations
default ✓ [=====] 500 VUs 1m0s

```

## ■ v1 Refactored load testing

### ■ heart-beat

✓ status is 200

### ■ course aws deep racer - Home

x status is 200  
 ↳ 99% — ✓ 496 / x 4  
 x AWS Deepracer Home .. done  
 ↳ 99% — ✓ 496 / x 4

### ■ course aws deep racer Pre-Workshop- Create your AWS account

x status is 200  
 ↳ 98% — ✓ 490 / x 5  
 x Create AWS account.. done  
 ↳ 99% — ✓ 492 / x 3

### ■ course aws deep racer Pre-Workshop - Introduction to Autonomous Vehicle

x status is 200  
 ↳ 98% — ✓ 473 / x 7  
 x Introduction to Autonomous Vehicle.. done  
 ↳ 98% — ✓ 475 / x 5

### ■ course aws deep racer Pre-Workshop - Introduction to Machine learning

x status is 200  
 ↳ 99% — ✓ 417 / x 1  
 ✓ Introduction to Machine learning.. done

### ■ course aws deep racer Workshop- Basics of Reinforcement Learning

✓ status is 200  
 ✓ Basics of Reinforcement Learning.. done

### ■ course aws deep racer Workshop- AWS Deepracer Model Initilization

✓ status is 200  
 ✓ AWS Deepracer Model Initilization.. done

### ■ course aws deep racer post-workshop - Reward Function

✓ status is 200  
 ✓ Reward Function.. done

```

checks.....: 99.46% ✓ 5431 x 29
data_received.....: 74 MB 822 kB/s
data_sent.....: 1.0 MB 11 kB/s
group_duration.....: avg=14.95s min=355.24ms med=9.15s max=1m29s p(90)=36.47s p(95)=58.33s
http_req_blocked.....: avg=277.24ms min=0s med=6.67µs max=3.79s p(90)=1.19s p(95)=1.4s
http_req_connecting.....: avg=53.54ms min=0s med=0s max=755.53ms p(90)=310.39ms p(95)=351.73ms
http_req_duration.....: avg=11.76s min=0s med=8.74s max=1m0s p(90)=28.08s p(95)=37.5s
http_req_receiving.....: avg=977.27ms min=0s med=789.62µs max=31.3s p(90)=2.52s p(95)=5.36s
http_req_sending.....: avg=47.77µs min=0s med=38.9µs max=864.64µs p(90)=98.46µs p(95)=132.06µs
http_req_tls_handshaking...: avg=208.24ms min=0s med=0s max=3.31s p(90)=797.24ms p(95)=943.25ms
http_req_waiting.....: avg=10.79s min=0s med=8.5s max=1m0s p(90)=22.87s p(95)=32.85s
http_reqs.....: 2982 33.113808/s
iteration_duration.....: avg=1m18s min=1m1s med=1m19s max=1m28s p(90)=1m26s p(95)=1m27s
iterations.....: 136 1.510221/s
vus.....: 364 min=364 max=500
vus_max.....: 500 min=500 max=500

```