

This YAML file defines the configuration for the standard sky serve.

Environment variables

envs:

HF_HUB_ENABLE_HF_TRANSFER: True # Enable HF transfer

PYTORCH_CUDA_ALLOC_CONF: max_split_size_mb:50

Resource configuration

resources:

accelerators: [L4:4, A10g:4, A100, A100, A100-80GB, T4, M60, V100] # List of accelerators for
small models

cpus: 32+ # Uncomment and specify the number of CPUs required

memory: 32+ # Minimum memory required

use_spot: True # Use spot instances

disk_size: 512+ # Ensure model checkpoints (~246GB) can fit

disk_tier: best # Use the best disk tier

ports: 8080 # Expose to internet traffic

Service configuration

service:

readiness_probe:

path: /v1/chat/completions # Path for the readiness probe

post_data:

model: \$MODEL_NAME # Specify the model name

messages:

- role: user

content: Hello! What is your name? # Specify the initial message

max_tokens: 1 # Maximum number of tokens

readiness_probe: /v1/models # Additional readiness probe

readiness_probe: /v1/health # Additional readiness probe

Replica Policy

replica_policy:

min_replicas: 0 # Minimum number of replicas

max_replicas: 30 # Maximum number of replicas

target_qps_per_replica: 2.5 # Target queries per second per replica

upscale_delay_seconds: 200 # Delay before upscaling replicas

downscale_delay_seconds: 1200 # Delay before downscaling replicas

Setup commands

setup: |

pip install hf_transfer # Install hf_transfer package

Run command

run: |

Run the command