

Saturn Executor lite镜像使用

镜像版本

multi_stage_base_image 使用的版本:

harbor.shopeemobile.com/shopee/saturn-executor:v0.3.0-lite // 目前使用0.3.0的业务参考当前文档改成使用这个版

期望升级的版本如果 >=0.4.0 的业务, 版本号直接填对应的版本就行, 不需要额外添加-lite
harbor.shopeemobile.com/shopee/saturn-executor:v版本号 // 版本号可以在这个文档中查看 => 参考升级指引进行升级

base_image: slsbase_image saturn

harbor.shopeemobile.com/shopee/sls-cicd-base:go1.13-slim-0316
harbor.shopeemobile.com/shopee/sls-cicd-base:go1.15-slim-0316

sls SLS #E5%BA%94%E7%94%A8%E7%BC%96%E8%AF%91-%E5%9F%BA%E7%A1%80%E9%95%9C%E5%83%8F%E5%88%97%E8%A1%A8

harbor.shopeemobile.com/shopee/golang-base:1.13

golang-base 更多版本镜像可以查看 <https://harbor.shopeemobile.com/harbor/projects/4/repositories/shopee%2Fgolang-base>

使用指引

注意: 仅面向Go项目

业务需要做的仅是修改deploy.json配置文件:

json文件可以参考这里 [\[3期\]应用镜像优化SOP](#)

一下子看不懂的, 可以直接看下面的示例, 直接对比两个版本之间的改动以及部分挪动的配置。

优化修改示例

以 saturn集成测试服务 为例:

```
"build": {
  "docker_image": {
    "base_image": "harbor.shopeemobile.com/shopee/saturn-executor:v0.4.0",
    "squash": false,
    "dependent_libraries_files": [
      "go.mod",
      "deploy/requirements.txt"
    ],
    "run_commands": [
      "pip install -r deploy/requirements.txt"
    ],
    "res_files": [],
    "volumes": []
  },
  "template_files": [],
  "commands": [
    "go build -o msg_task ./cmd/msg_task/"
  ],
  "post_build_success_commands": []
},
```

修改前

```
"build": {
  "docker_image": {
    "base_image": "harbor.shopeemobile.com/shopee/golang-base:1.13",
    "squash": false,
    "dependent_libraries_files": [
      "go.mod",
      "deploy/requirements.txt"
    ],
    "run_commands": [
      "GOPROXY=",
      "GO111MODULE=on GOPRIVATE=git.garena.com go build -o msg_task ./cmd/msg_task/"
    ],
    "image_language": "golang",
    "enable_multi_stage_golang_image": true,
    "multi_stage_base_image": "harbor.shopeemobile.com/shopee/saturn-executor:v0.4.0",
    "generate_dockerignore": true,
    "workdir": "/workspace",
    "res_files": [],
    "volumes": []
  },
  "template_files": [],
  "commands": [
    "go build -o msg_task ./cmd/msg_task/"
  ],
  "post_build_success_commands": []
},
```

修改后

Lite 镜像包含的依赖

镜像名称	版本	基础环境	镜像已安装	镜像大小	说明
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harbor.shopeemobile.com/shopee/saturn-executor	Saturn Release Note	python 2.7.18 java 1.8.0_312	pip: <ul style="list-style-type: none">• requests[security]==2.14.2• supervisor==4.0.4• cat_client==2.5.38• psutil==5.4.1• gevent==21.1.2 linux: <ul style="list-style-type: none">• procs (ps, top)• iproute2 (ss)• curl• netstat-tools (netstat)• lsof• vim• cron• jq• wget	760M	
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