



Akaunting is a free, open-source, and online accounting software for small businesses and freelancers

270K

Download Users

150K

Cloud Users

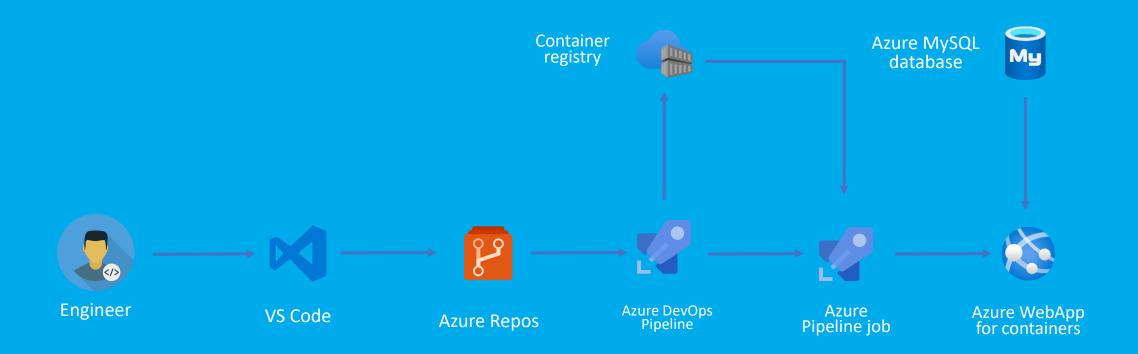
100K

Community Contributors

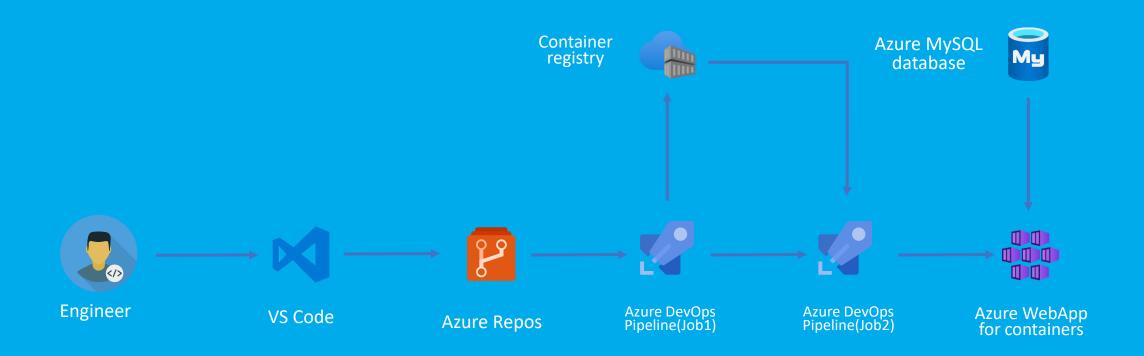
Dockerfile

```
FROM webdevops/php-nginx:7.4-alpine
                                                              # alpine image
RUN apk add oniguruma-dev libxml2-dev
RUN docker-php-ext-install \
                                                             # php docker extensions
           bcmath
           ctype \
fileinfo \
            json
           mbstring
           pdo mysąl
           tokēnizer
COPY --from=composer:latest /usr/bin/composer /usr/bin/composer # copy files from compose image
ENV WEB_DOCUMENT_ROOT /app
ENV APP_ENV production
WORKDIR /app
COPY . .
RUN composer install --no-plugins --no-scripts --no-interaction --optimize-autoloader --no-dev
RUN php artisan config:cache
RUN php artisan route:cache
RUN php artisan view:cache
RUN php artisan view:cache
RUN chmod -R 777 storage && chmod -R 777 bootstrap/cache && chmod -R 777 public
```

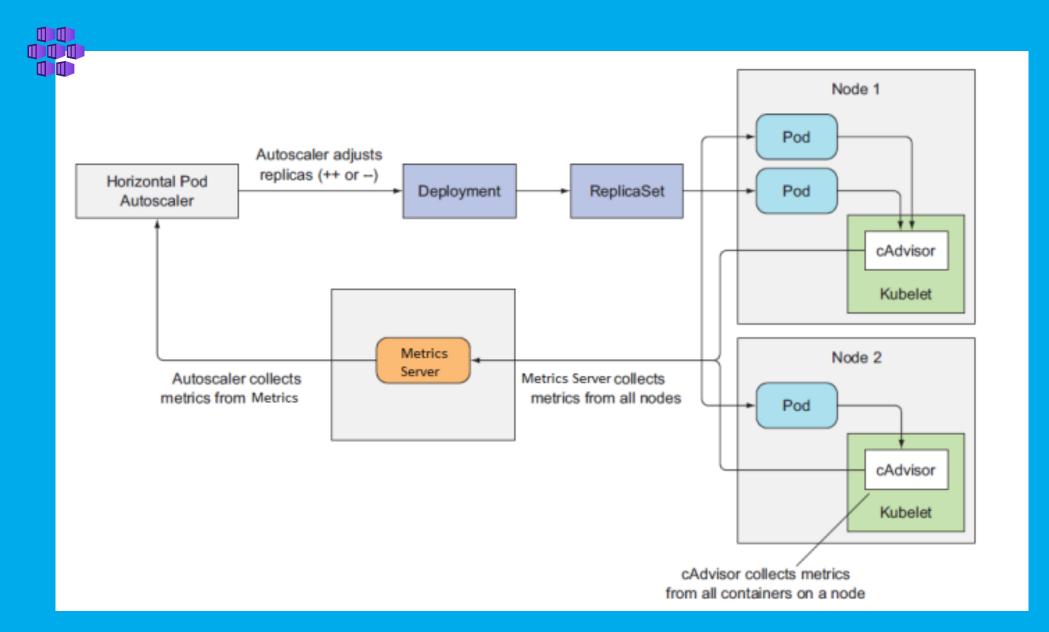
Concept 1 (Azure App service)



Concept 2 (Azure Kubernetes Service with Horizontal Pod Autoscaling)



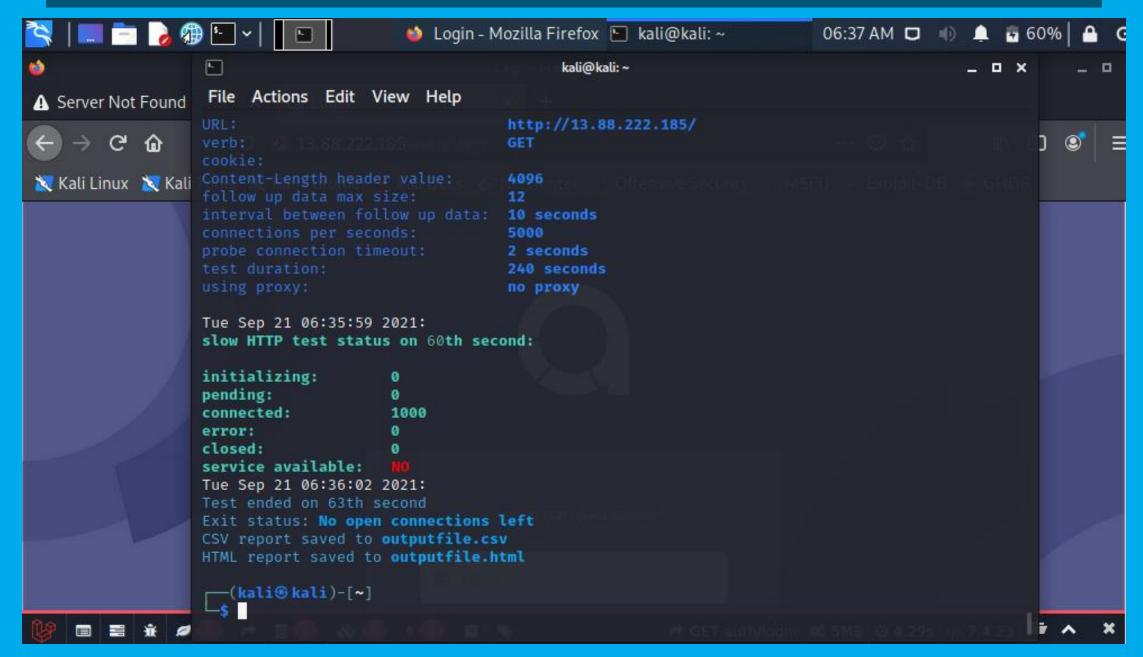
Horizontal Pod Autoscaling

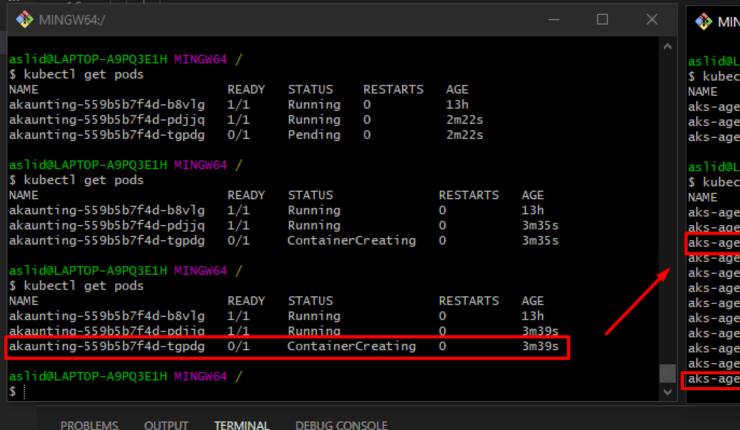


```
#deployment.yml
apiVersion : apps/v1
kind: Deployment
metadata:
  name: akaunting
spec:
  replicas: 1
  selector:
    matchLabels:
      app: akaunting
  template:
    metadata:
      labels:
        app: akaunting
    spec:
      containers:
         - name: akaunting
           image: akaunting.azurecr.io/ak
aunting
           ports:
           - containerPort: 80
           resources:
             # limit is 500 milli core
             requests:
               cpu: 500m
             limits:
               cpu: 500m
```

```
#hpa.ymI
apiVersion: autoscaling/v2beta2
kind: HorizontalPodAutoscaler
metadata:
  name: akaunting-hpa
  namespace: default
spec:
  scaleTargetRef:
    apiVersion: apps/v1
    kind: Deployment
    name: akaunting
  maxReplicas: 10
  minReplicas: 1
  metrics:
    # configuration for resource
    - type: Resource
      resource:
        name: cpu
        target:
          type: Utilization
          # utilize after 5% cpu usage
averageUtilization: 5
```

slowhttptest -c 1000 -H -g -o outputfile -i 10 -r 200 -t GET -u http://13.88.222.185 -p 2





				N Kali
MINGW64:/				_
aslid@LAPTOP-A9PQ3E1H MINGW64 /				
\$ kubectl get nodes NAME	STATUS	ROLES	AGE	VERSION
aks-agentpool-56912325-vmss000000	Ready	agent	24h	v1.20.9
aks-agentpool-56912325-vmss000009	Ready	agent	2m56s	v1.20.9
aks-agentpool-56912325-vmss00000a	Ready	agent	119s	v1.20.9
aslid@LAPTOP-A9PQ3E1H MINGW64 /				
\$ kubectl get nodes -w	CTATUS	DOLES	4.05	VEDSTON
NAME	STATUS	ROLES	AGE	VERSION
aks-agentpool-56912325-vmss000000	Ready	agent	37h	v1.20.9
aks-agentpool-56912325-vmss000000	Readv	agent	37h	v1.20.9
aks-agentpool-56912325-vmss00000b	NotReady	<none></none>	> 0s	v1.20.9
aks-agentpool-56912325-Vmssuuuuub	поткеасу	<none:< td=""><td>> US</td><td>V1.20.9</td></none:<>	> US	V1.20.9
aks-agentpool-56912325-vmss00000b	NotReady	<none:< td=""><td>0s</td><td>v1.20.9</td></none:<>	0s	v1.20.9
aks-agentpool-56912325-vmss00000b	NotReady	<none></none>	0s	v1.20.9
aks-agentpool-56912325-vmss00000b	Ready	<none:< td=""><td>0s</td><td>v1.20.9</td></none:<>	0s	v1.20.9
aks-agentpool-56912325-vmss00000b	Ready	<none:< td=""><td>> 0s</td><td>v1.20.9</td></none:<>	> 0s	v1.20.9
aks-agentpool-56912325-vmss00000b	Ready	<none:< td=""><td>> 10s</td><td>v1.20.9</td></none:<>	> 10s	v1.20.9
aks-agentpool-56912325-vmss00000b	Ready	agent	20s	v1.20.9
aks-agentpool-56912325-vmss00000b	Ready	agent	385	v1.20.9
aks-agentpool-56912325-vmss00000b	Ready	agent	90s	

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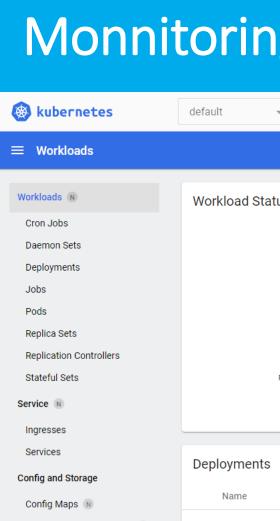
PROBLEMS OUT		ONSOLL							
akaunting-hpa	Deployment/akaunting	0%/5%	1	50	2	4h36m			
akaunting-hpa	Deployment/akaunting	0%/5%	1	50	2	4h36m			
akaunting-hpa	Deployment/akaunting	0%/5%	1	50	1	4h37m			
akaunting-hpa	Deployment/akaunting	0%/5%	1	50	1	4h45m			
akaunting-hpa	Deployment/akaunting	0%/5%	1	50	1	4h47m			
PS C:\Users\aslid\source\ExadelIntern\azure_devops\akaunting\manifests> kubectl get hpa -w									
NAME	REFERENCE	TARGETS	MINPODS	MAXPODS	REPLICAS	AGE			
akaunting-hpa	Deployment/akaunting	0%/5%	1	50	1	17h			
akaunting-hpa	Deployment/akaunting	0%/5%	1	50	1	17h			
akaunting-hpa	Deployment/akaunting	13%/5%	1	50	1	17h			
akaunting-hpa	Deployment/akaunting	13%/5%	1	50	3	17h			
akaunting-hpa	Deployment/akaunting	0%/5 %	1	50	3	17h			
akaunting-hpa	Deployment/akaunting	0%/5%	1	50	3	17h			
akaunting-hpa ∏	Deployment/akaunting	0%/5%	1	50	3	17h			

Monnitoring

Search

akaunting-f9867d8f9-xxmjl

default



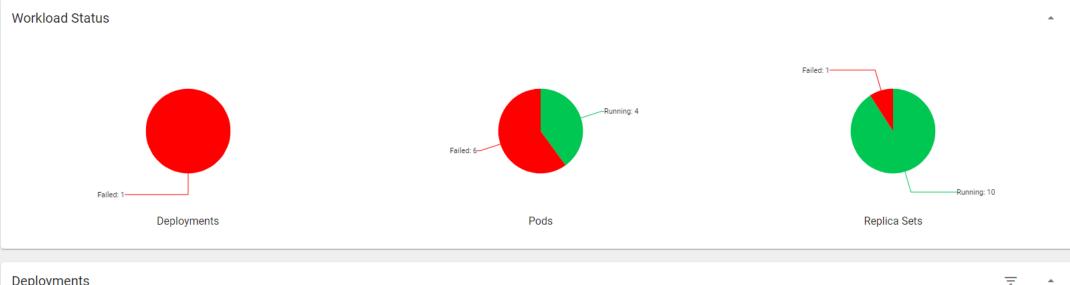
Secrets N Storage Classes

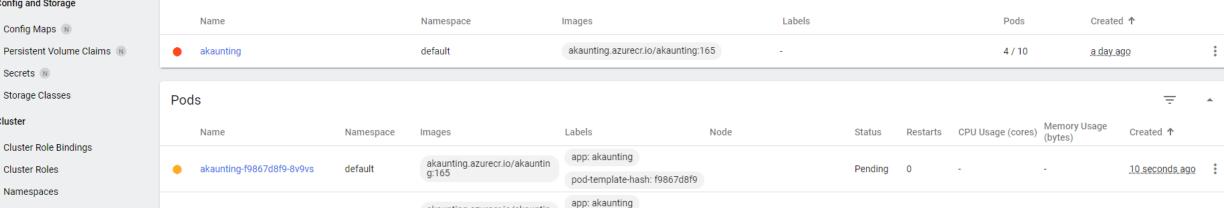
Cluster Roles

Namespaces

Network Policies N

Cluster



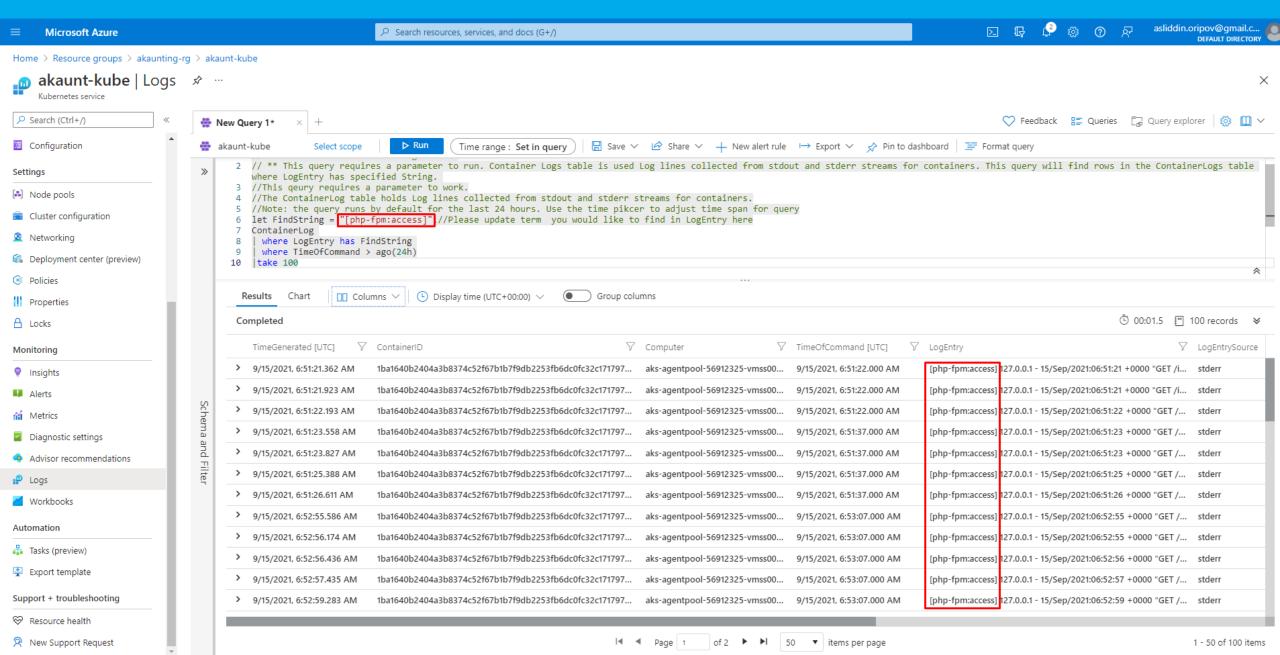


Pending

10 seconds ago

akaunting.azurecr.io/akauntin

Logging

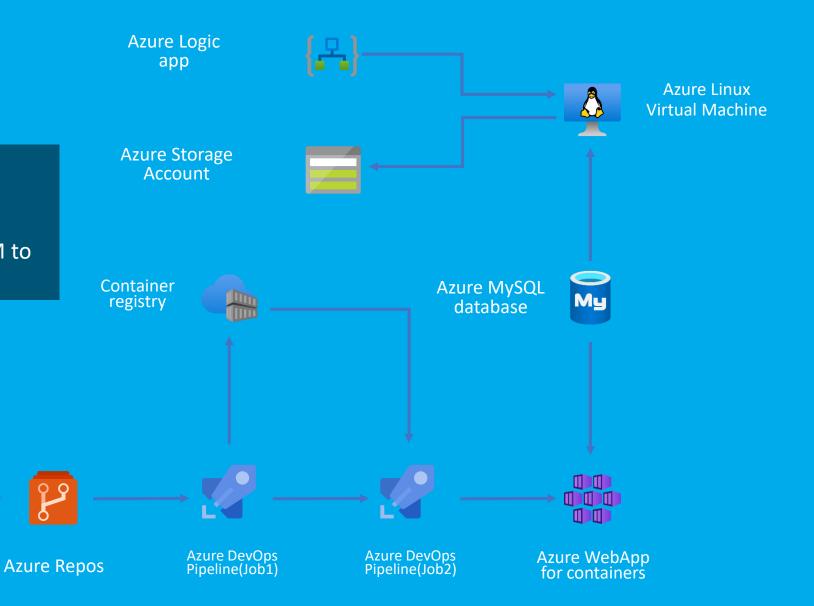


Bakup

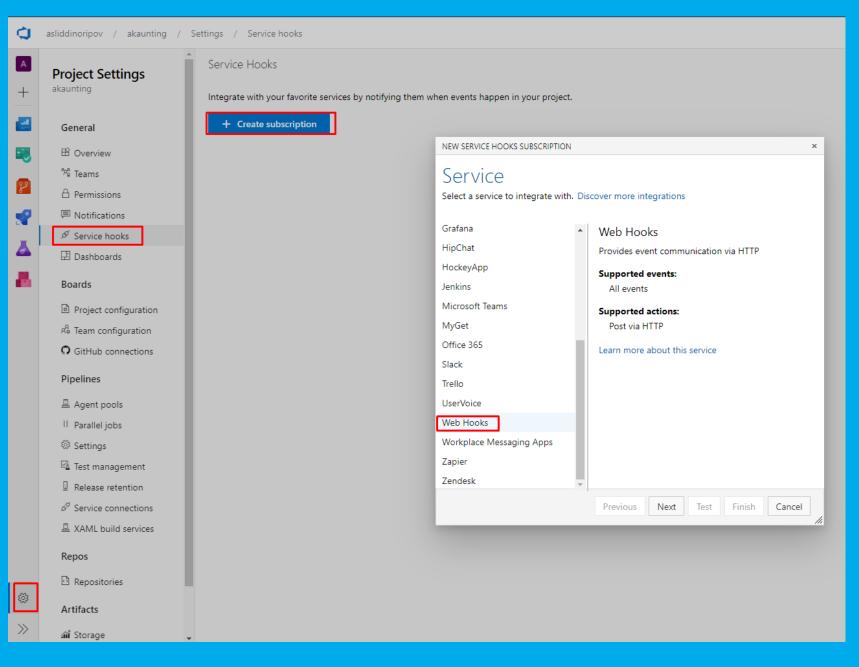
Engineer

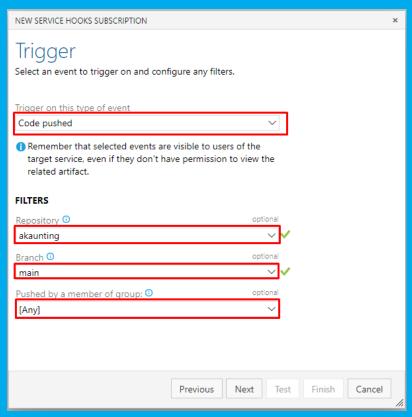
- 1. Every day Logic App turns VM on
- 2. crontab runs muscle_backup.sh
- 3. after backing up muscle_backup.sh sends deallocate signal to Azure VM to reduce service cost

VS Code

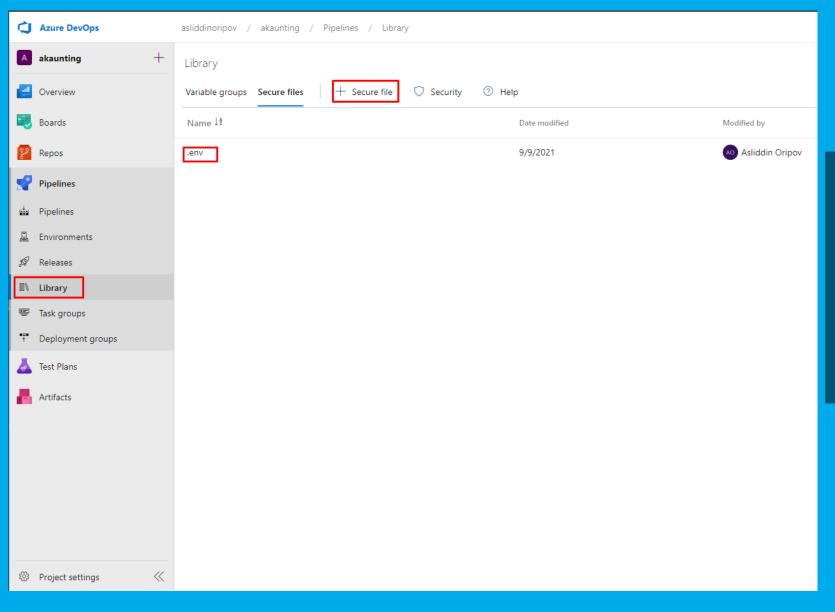


Webhook





Security



```
#download secure file
- task: DownloadSecureFile@1
  name: env_files
  inputs:
    secureFile: '.env'

#copy secure file into deployment
- script: |
    cp $(env_files.secureFilePath) .
    ls -l -a
```

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- s asliddin.oripov
- https://github.com/gitlantis