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https://koopjs.github.io

Cache Tiles job from Linux

Run cache tile job directly from server API

```
#!/bin/sh
USER=
PASSWORD=
HOST=https://IP:6443/arcgis
IP=`hostname -I`
LAYER=layer
TOKEN=`curl --insecure -X POST -d username=$USER -d password=$PASSWORD -d client=ip -d ip=$IP
$HOST/tokens/generateToken`
LEVELS="2311162.217155;1155581.108577;577790.554289;288895.277144;144447.638572;72223.819286;
36111.909643;18055.954822;9027.977411;4513.988705;2256.994353"
EXTENT="1380000%206260000%201540000%206460000"

curl --insecure
"$HOST/rest/services/System/CachingControllers/GPServer/Manage%20Map%20Cache%20Tiles/submitJo
b?service_url=$LAYER:MapServer&constraining_extent=$EXTENT&levels=$LEVELS&thread_count=2&upda
te_mode=RECREATE_ALL_TILES&f=json&token=$TOKEN"
```

Check job status

```
https://IP:6443/arcgis/rest/services/System/CachingControllers/GPServer/Manage%20Map%20Cache%
20Status/jobs/JOBID
```

ArcGIS Server Enterprise for Linux 11.x

Machine config
usr/config-store/machines/*.json

rm -rf /opt/arcgis/server/temp/*

Directory structure

Important places

Path	Description
/server/bin	main binaries
/server/bin/wine	Wine 9.9 (11.4)
/server/framework/etc/service.log	log
/server/framework/etc/service_error.log	error log
/server/framework/etc/service/logs/	error log
/server/framework/etc/scripts	may contain some error dumps
/server/framework/runtime/.wine/drive_c/windows/temp	temporary files
/server/framework/runtime/jre	Java Runtime
/server/framework/runtime/tomcat	Apache Tomcat
/server/usr/logs	Machine logs
/server/usr/config-store	JSON configs

/server/usr/directories - user directories if not placed somewhere else

Path	Description
/server/usr/directories/arcgiscache/service	stored tiles
/server/usr/directories/arcgissystem/arcgisinput/service.MapServer	service folder
/server/usr/directories/arcgissystem/arcgisinput/service.MapServer/extracted/cd	SHP (data)
/server/usr/directories/arcgissystem/arcgisinput/service.MapServer/extracted/v101	GDB (data) + MSD + MXD

Set correct permissions when you are copy files from other sources.

Site Administration

```
https://somemachine:6443/arcgis/manager
```

default login “siteadmin”

Server Administration

```
http://somemachine:6080/arcgis/admin
```

default login “siteadmin”

REST Catalog

```
https://somemachine:6443/arcgis/rest/services
```

Set heap under ArcGIS Server for Linux

```
Web server maximum heap size (in MB): -1 (Default APACHE TOMCAT HEAP SIZE)
App server maximum heap size (in MB): 256 (Default APACHE GERONIMO HEAP SIZE)
SOC maximum heap size (in MB): 64 (Default Server Object Container x number of threads)
```

/server/framework/etc/machine-config.xml

Copy tiles from actual directory to another VPS

```
scp -r /opt/arcgis/server/usr/directories/arcgiscache/giscr/Layers/_alllayers/*
10.160.149.11:/var/lib/lxc/101/rootfs/home/basemap/tiles/
```

Change Permission for my REST Service

```
find . -type f -name '*' -exec chmod 644 {} \;
find . -type d -name '*' -exec chmod 755 {} \;
```

DB Connectivity

Service → Processes → Specify Health Check Settings → Periodically check and repair data connections for idle

instances
If your router or firewall closing persistent DB connection you can configure repair here.

Established connection (without data transfer in idle)
Linux default: 5 days
Average router / firewall: 30 minutes

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