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<https://koopjs.github.io>

Cache Tiles job from Linux

```
#!/bin/sh
USER=
PASSWORD=
HOST=http://IP:6080/arcgis
LAYER=layer
TOKEN=`curl -X POST -d username=$USER -d password=$PASSWORD $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
"$HOST/rest/services/System/CachingControllers/GPServer/Manage%20Map%20Cache%20Tiles/submitJob?service_url=$LAYER:MapServer&constraining_extent=$EXTENT&levels=$LEVELS&thread_count=2&update_mode=RECREATE_ALL_TILES&f=json&token=$TOKEN"
```

Check job status

```
http://IP:6080/arcgis/rest/services/System/CachingControllers/GPServer/Manage%20Map%20Cache%20Status/jobs/JOBID
```

ArcGIS Server Enterprise for Linux 10.x

Machine config
config-store/machines/*.json

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

Directory structure

Important places

Path	Description
/server/bin	main binaries
/server/bin/wine	Wine 1.4
/server/framework/etc/service.log	log
/server/framework/etc/service_error.log	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/geronimo	Apache Geronimo
/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

Path	Description
/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

```
http://somemachine:6080/arcgis/manager
```

default login "siteadmin"

Server Administration

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

default login "siteadmin"

REST Catalog

```
http://somemachine:6080/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 properties → 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

From:

<https://wiki.janforman.com/> - **wiki.janforman.com**

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Last update: **2024/03/18 22:56**

