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debian

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Debian

Debian/Ubuntu apt/deb **RHEL** rpm **reposync**

aptly

aptly . debmirror aptly 가 가

- (Mirror Create): aptly
 - (Mirror Update):
 - . (.deb .)
 - (Snapshot Create):
 - (Snapshot Merge & Filter):
 - latest .
 - (Publish Snapshot): apt가

. create-mirror.sh

```
#!/bin/bash

# --- ---
export GNUPGHOME=~/gnupg
export APTLY_CONFIG=~/aptly.conf

#
REPO_LIST=(
    "debian-main|http://ftp.debian.org/debian/|bookworm|main
contrib|/usr/share/keyrings/debian-archive-keyring.gpg"
    "debian-updates|http://ftp.debian.org/debian/|bookworm-updates|main
contrib|/usr/share/keyrings/debian-archive-keyring.gpg"
    "debian-
security|http://security.debian.org/debian-security/|bookworm-security|main
contrib|/usr/share/keyrings/debian-archive-keyring.gpg"
    "proxmox-
ve|http://download.proxmox.com/debian/pve|bookworm|pve-no-subscription|/etc/
apt/trusted.gpg.d/proxmox-release-bookworm.gpg"
    "proxmox-
ceph|http://download.proxmox.com/debian/ceph-squid|bookworm|no-subscription|
```

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```

```
/etc/apt/trusted.gpg.d/proxmox-release-bookworm.gpg"
)

#
# ARCH="amd64"
FINAL_REPO_NAME="pve-local"
TIMESTAMP=$(date +%Y%m%d-%H%M)
SNAPSHOT_PREFIX="snap-${TIMESTAMP}"
declare -a SNAPSHOT_LIST_TO_MERGE

#
set -e

echo "### [ 1/7] GPG      가      # ##"
for repo_info in "${REPO_LIST[@]}"; do
    IFS='|' read -r name url dists comps key_path <<< "$repo_info"
    if [ -f "$key_path" ]; then
        echo ">> ${name}'           가      ..."
        gpg --no-default-keyring --keyring "$key_path" --export | gpg --no-default-keyring --keyring ${GNUPGHOME}/trustedkeys.gpg --import
    else
        echo "!!      :      '$key_path'      ."
    fi
done

echo -e "\n### [ 2/7]          ( ) # ##"
for repo_info in "${REPO_LIST[@]}"; do
    IFS='|' read -r name url dists comps key_path <<< "$repo_info"
    #   가
    if ! aptly mirror list -raw | grep -q "^${name}$"; then
        echo ">> ${name}'           ..."
        CREATE_ARGS=(-filter-with-deps -architectures=${ARCH})
        if [[ "$name" == "debian-security" ]]; then
            CREATE_ARGS+=(-force-components)
        fi
        CREATE_ARGS+=("${name}" "${url}" "${dists}")
        CREATE_ARGS+=($comps)
        aptly mirror create "${CREATE_ARGS[@]}"
    else
        echo ">> ${name}'           ."
    fi
done

echo -e "\n### [ 3/7]          ( ) # ##"
for repo_info in "${REPO_LIST[@]}"; do
    IFS='|' read -r name url dists comps key_path <<< "$repo_info"
    echo ">> ${name}'           ..."
    aptly mirror update "${name}"
```

```
done
```

```
echo -e "\n### [ 4/7] # ##"
for repo_info in "${REPO_LIST[@]}"; do
    IFS='|' read -r name url dists comps key_path <<< "$repo_info"
    snapshot_name="${SNAPSHOT_PREFIX}-$name"
    echo ">> '$name' '$snapshot_name' ..."
    aptly snapshot create "$snapshot_name" from mirror "$name"
    SNAPSHOT_LIST_TO_MERGE+=("$snapshot_name")
done
```

```
echo -e "\n### [ 5/7] ( ) # ##"
final_snapshot_name="${FINAL_REPO_NAME}-${TIMESTAMP}"
echo ">> '$final_snapshot_name' (-latest) ..."
aptly snapshot merge -latest "$final_snapshot_name"
${SNAPSHOT_LIST_TO_MERGE[@]}
```

```
echo -e "\n### [ 6/7] # ##"
if aptly publish list | grep -q " ${FINAL_REPO_NAME} "; then
    echo ">> '${FINAL_REPO_NAME}' ..."
    #aptly publish switch -force-overwrite -passphrase=""
"${FINAL_REPO_NAME}" "$final_snapshot_name"
    aptly publish switch -force-overwrite -skip-signing "${FINAL_REPO_NAME}"
"$final_snapshot_name"

else
    echo ">> '${FINAL_REPO_NAME}' ..."
    #aptly publish snapshot -distribution="${FINAL_REPO_NAME}" -
passphrase="" "$final_snapshot_name"
    aptly publish snapshot -distribution="${FINAL_REPO_NAME}" -skip-signing
"$final_snapshot_name"
fi
```

```
echo -e "\n### [ 7/7] ( ) # ##"
aptly snapshot list -sort=time | grep "snap-" | head -n -$(( ${#REPO_LIST[@]} * 5)) | awk '{print $1}' | xargs -r aptly snapshot drop
```

```
echo -e "\n### # ##"
echo "      가 / ."
echo "      sources.list      가 :"
echo "deb http://<YOUR_SERVER_IP>:8080/${FINAL_REPO_NAME} ${FINAL_REPO_NAME}
main"
```

clean-mirror.sh

```
debian
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```

```
#!/bin/bash

echo "### Aptly" . # ## #

# 가
set +e

# --- 1. ---
echo -e "\n>> 1. ..." PUBLISHED_REPOS=$(aptly publish list -raw)
if [ -n "$PUBLISHED_REPOS" ]; then
    for repo in $PUBLISHED_REPOS; do
        echo " - Deleting published repo: $repo"
        aptly publish drop "$repo"
    done
else
    echo " - 가 ."
fi

# --- 2. ---
echo -e "\n>> 2. ..." SNAPSHTOTS=$(aptly snapshot list -raw)
if [ -n "$SNAPSHTOTS" ]; then
    aptly snapshot drop $SNAPSHTOTS
    echo " - ."
else
    echo " - ."
fi

# --- 3. ---
echo -e "\n>> 3. ..." MIRRORS=$(aptly mirror list -raw)
if [ -n "$MIRRORS" ]; then
    aptly mirror drop $MIRRORS
    echo " - 가 ."
else
    echo " - 가 ."
fi

# --- 4. ---
echo -e "\n[] ###" echo " aptly , , 가 ." # ## #
```

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