```
Elasticsearch Migration Steps

Step 1: Create a GCS Bucket
(Assume bucket name: elasticsearch-snapshots)


Step 2: Copy snapshots from source VM to the bucket:
  gsutil -m cp -r /home/bitnami/backups/* gs://elasticsearch-snapshots/


Step 3: Verify Files in GCS:
  gsutil ls -r gs://elasticsearch-snapshots/


Step 4: Install GCS Repository Plugin (on New Elasticsearch VM):
  sudo /usr/share/elasticsearch/bin/elasticsearch-plugin install repository-gcs
  sudo systemctl restart elasticsearch


Step 5: Prepare Filesystem Snapshot Directory:
  mkdir -p /mnt/es-backup
  cp -r /home/openworldinsurance/dump/* /mnt/es-backup/


Step 6: Set Correct Ownership and Permissions:
  chown -R elasticsearch:elasticsearch /mnt/es-backup
  chmod -R 755 /mnt/es-backup


Step 7: Update elasticsearch.yml:
  nano /etc/elasticsearch/elasticsearch.yml
  Add or modify:
    path.repo: ["/mnt/es-backup"]


Step 8: Restart Elasticsearch:
  sudo systemctl restart elasticsearch
  sudo systemctl status elasticsearch


Step 9: Register Snapshot Repository:
  curl -X PUT "http://localhost:9200/_snapshot/local_dump" -H 'Content-Type: application/json' -u ela
  {
    "type": "fs",
    "settings": {
      "location": "/mnt/es-backup"
    }
  }'


Step 10: List Snapshots:
  curl -X GET "http://localhost:9200/_cat/snapshots/local_dump?v" -u elastic


Optional: Restore Snapshot:
  curl -X POST "http://localhost:9200/_snapshot/local_dump/snapshot-2012-08-4-1922/_restore" -H 'Cont
  {
    "indices": "*",
    "ignore_unavailable": true,
    "include_global_state": true
  }'


Verify Restored Indices:
  curl -u elastic "http://localhost:9200/_cat/indices?v"
```