# ATP Database

* 1. 20 GB free limit, not much
  2. No SYS. ADMIN user
  3. UTL\_Mail package does not exist, AND package body is impossible to create because wrapped package body expects SYS. Need to be manually rewritten using UTL\_SMTP and owned by ADMIN
  4. SELECT ANY DICTIONARY seems to be ignored. All required DBA\_\* views must be granted manually by ADMIN i.e.:

|  |
| --- |
| grant select on dba\_registry to efis  /  grant select on dba\_jobs to efis\_etl  /  grant select on dba\_datapump\_jobs to efis\_etl  /  grant select on dba\_constraints to efis\_etl  /  grant select on dba\_tab\_columns to efis\_etl  /  grant select on dba\_sequences to efis\_etl  / |

# Clients

* 1. All old clients like TOAD 10 work with TNS and the Wallet, BUT VARCHAR2 functions return 32K length, so result needs to be casted to 4000 to be displayed in Toad i.e.

|  |
| --- |
| select CAST (apex\_string.format('%s+%s=%s', 1, 2, 'three') AS VARCHAR2 (4000) )from dual |

# Data Pump

* 1. Did not make credential to work with Object Store, used published URL as a workaround i.e.

|  |
| --- |
| https://objectstorage.ca-toronto-1.oraclecloud.com/p/pmU0nyfq\_uWL9QwBCfongg8xp3\_zQFSAXA5693C63i8/n/yz6tenlj3noa/b/upload/o/efisefis\_etl.dmp |

* 1. On one CPU Datapump is very slow but upload is fast. Upload limited to 10G
  2. Need REMAP\_TABLESPACE=<source>:DATA

# APEX

* 1. Static images are NOT located in /i anymore. Need to rewrite to ALWAYS use #IMAGE\_PREFIX#
  2. ADMIN in workspace looks like needs to be renamed …. In IDE always logs default admin