

DBMS_CLOUD

An essential tool for OCI Object Store
What if it isn't there? Create it...



SKILLBUILDERS

PL/SQL and the Object Store

- The Object Store: an essential part of OCI
 - Much cheaper than block volumes
 - A regionally available resource
 - Scale, versions, automatic tiering, all the rest...
- The interfaces to the Object store:
 - Simple http requests? OK, up to a point
 - REST APIs? Sure, if you don't mind pretty low-level coding
 - What we need is PL/SQL: the DBMS_CLOUD package

DBMS_CLOUD

- Support for working with Object Storage
 - Upload and download from and to files and LOBs
 - Read CSV files into tables (also Avro and Parquet files)
 - Create external tables, even hybrid partitioned tables
- Included in Autonomous DBs
- On-prem or DB System? You have to create it
- CDB only (you can likely make it work in non-CDB)

Create the dbms_cloud package

- Part of the 19.9 RU, see MOS Doc ID 2748362.1
- Create a common schema, install the package
- Create a wallet and an ACL
- Grant privileges to your users
- And now you can use the Object Store with PL/SQL
- Enjoy!