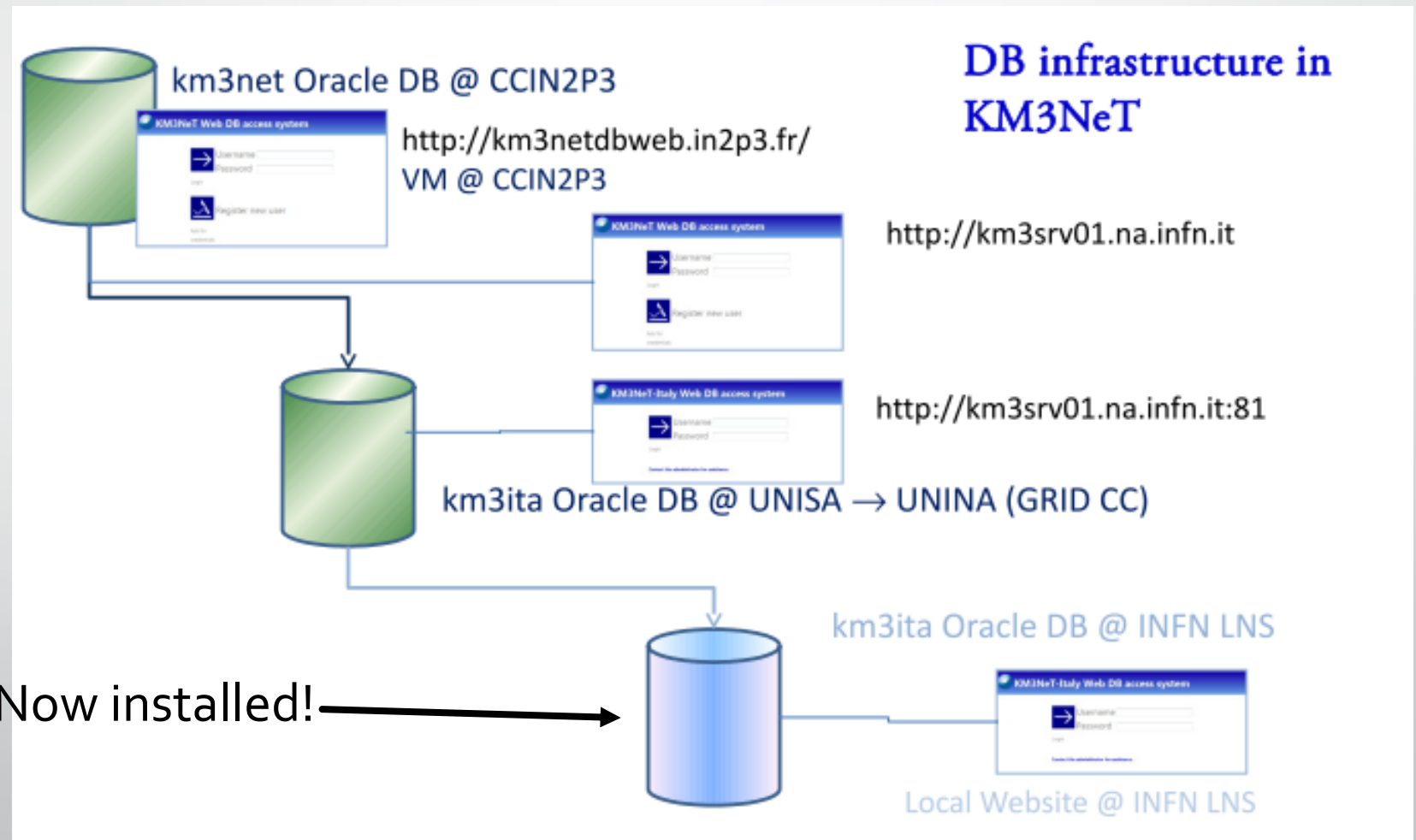# Documentation of test results in the KM3ITA DB

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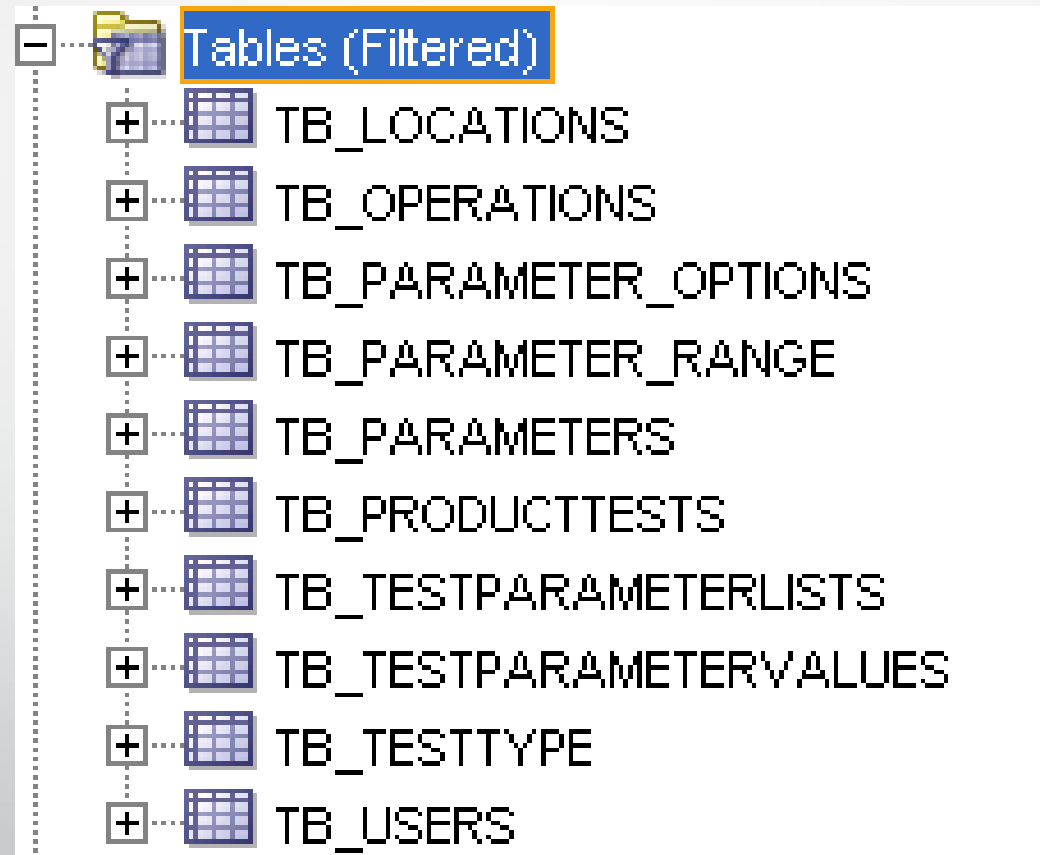# The DB infrastructure in KM3NeT and KM3-Ita

Tables to document test results

- Each test is an «operation» with start-end timestamps, a responsible person, a place, and a global result

- Tests performed on several items can be part of the same operation (e.g. batch testing, working day)

- The set and type of parameters tested for each item must be documented in the DB

- Working conditions and prescriptions must also be documented in the DB – avoid/help comparing results obtained in different conditions

Tables to document test results

Tables involved

Tables to document test results

- Data insertion: always through web server (no direct access to DB)

- Data format: ASCII n-tuple or XML

- Webserver connection:

  wget/curl + file upload

  Direct connection from program using WebClient (Java/C#/VB.NET)

What to do now?

- Define conventional names for all parameters

- Define datatype for all parameters (real, integer, string, option)

- «Harmonization» with KM3NeT names in the future may be needed