Snow64 LAR File Details

- Data only:
  - metadata:
    - `tag`: constant
    - `data_type`: constant
    - `int_type_size`: constant
    - `data_offset`: constant
  - shareddata:
    - `base_addr`: constant
    - `ref_count`: constant
    - `dirty`: set to 1
    - `data`: set to `real_in_wr.non_ldst_data`
- Data and Type:
  - metadata:
    - `tag`: constant
    - `data_type`: set to `real_in_wr.data_type`
    - `int_type_size`: set to `real_in_wr.int_type_size`
    - `data_offset`: constant
  - shareddata:
    - `base_addr`: constant
    - `ref_count`: constant
    - `dirty`: set to 1
    - `data`: set to `real_in_wr.non_ldst_data`
- Loads and Stores:
  - set our `data_type` and our `int_type_size` to that provided by the instruction.
  - If any LAR has data from the requested address
    - If we aren't one of those LARs
      - Set our tag to the already allocated one.
      - Increment the reference count of the already allocated shared data.
      - Depending on our shared data's `ref_count`:
        - `ref_count == 0`:
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