



# Tech Info Library

## DAL Temporary Datasets and ACF2 Violations (2/93)

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Security: Everyone

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TOPIC -----

My DAL server was recently abnormally terminated by ACF2. I found that ACF2 terminated DAL since there were too many ACF2 violations. Apparently a temporary dataset named "userid.hostdal.out.dt231323.f001" was being created by DAL, but DAL did not have create authorization. I have worked around this problem by creating a ACF2 rule that allows DAL to create and write to this dataset.

I'm wondering what other datasets DAL creates that might need ACF2 authorization. I would like to create a generic, or at least less specific, ACF2 rule that will allow DAL to create the datasets it needs.

DISCUSSION -----

The temporary dataset being created with the dataset name of:

userid.hostdal.out.dt999999.f001

occurs whenever:

- There is a large query done whose return dataset will not fit in internal storage.
- A query is done for either extract or scroll.

The more generic ACF2 rule to set up would be:

userid.hostdal.out

as the next field, date/time (dt999999), will change all the time.

The only other datasets that would be created by DAL, and they would NOT be temporary ones, would be the result of requesting logging in the environment file -- which hopefully they DO NOT do.

- If the Environment file contains the statement:

```
DALSESLOG=TRUE
```

the dataset name will be created as:

```
userid.dalses.log
```

- If the Environment file contains the statement:

```
DALLOGGING=TRUE
```

the dataset name will be created as:

```
userid.hostdal.log.dt999999.f001
```

In summary, create the more general ACF2 rule which allows all datasets created with the name beginning as:

```
userid.hostdal.out
```

and not specify the date/time portion.

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