

MCR10179

Update ftp_dialup_ to not log garbage in AS logs for logout type

Revision 1.0

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1 Problem Description

Ticket <https://multics-trac.swenson.org/ticket/422> describes a problem in the Answering Service, where `ftp_dialup_`, which handles AS wakeups for FTP channels, incorrectly logs FTP hangups with a non-text logout type (`\400\000\000\002`).

The binary data comes from the first word of the hangup event wakeup message, which is used to initialize the logout type. Some event messages actually use ASCII text for the first word, so this initialization is valid in other cases.

2 Proposed Fix

The proposed fix is the same one applied to `dialup_`, the handler for non-FTP, interactive login sessions. That is, in the case of a hangup condition, prior to logging the event in the AS logs, to change the logout type to “hngp”.

The proposed fix is a one-line change, the same code used in `dialup_` for the same purpose:

```
cpa [lpn ftp_dialup_.pl1] ==
```

```
Inserted in B:
```

```
B1229          ute.logout_type = "hngp";                /* for audit message;
      hangup event message is binary */
```

```
Preceding:
```

```
A1229          goto kill;
```

```
Comparison finished: 1 difference, 1 line.
```

3 Documentation

No documentation changes are required for this fix.

4 Test

The fix has been tested on the ghm-test system with the correct AS log messages being emitted on FTP hangup.

5 Version History

2026-10-08	1.0	Initial version of the MCR.
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