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Rocky Enterprise Linux 9.2 Manual Pages on command 'mpath_persistent_reserve_out.3'

\$ man mpath_persistent_reserve_out.3

MPATH_PERSISTENT_RESERVE_OUT(3) Library Functions Manual MPATH_PERSISTENT_RESERVE_OUT(3)
NAME

mpath_persistent_reserve_out - send PROUT command to DM device

SYNOPSIS

```
#include <mpath_persist.h>
```

```
int mpath_persistent_reserve_out(int fd, int rq_servact, struct prin_resp *resp, int  
noisy, int verbose)
```

DESCRIPTION

The function in the mpath_persistent_reserve_out () sends PROUT command to the DM device and gets the response.

Parameters:

fd The file descriptor of a multipath device. Input argument.

rq_servact PROUT command service action. Input argument.

rq_scope Persistent reservation scope. The value should be always LU_SCOPE (0h).

rq_type Persistent reservation type. The valid values of persistent reservation

types are:

5h (Write exclusive - registrants only).

6h (Exclusive access - registrants only).

7h (Write exclusive - All registrants).

8h (Exclusive access - All registrants).

paramp PROUT command parameter data. The paramp is a struct which describes

PROUT parameter list. Caller should manage the memory allocation of

this structure.

noisy Turn on debugging trace: Input argument. 0->Disable, 1->Enable.

verbose Set verbosity level. Input argument. value: 0 to 3. 0->Errors, 1->Warnings, 2->Info, 3->Debug.

RETURNS

MPATH_PR_SUCCESS

If PR command successful else returns any one of the status mentioned below.

MPATH_PR_SYNTAX_ERROR

If syntax error or invalid parameter.

MPATH_PR_SENSE_NOT_READY

If command fails with [sk,asc,ascq: 0x2,*,*].

MPATH_PR_SENSE_MEDIUM_ERROR

If command fails with [sk,asc,ascq: 0x3,*,*].

MPATH_PR_SENSE_HARDWARE_ERROR

If command fails with [sk,asc,ascq: 0x4,*,*].

MPATH_PR_SENSE_INVALID_OP

If command fails with [sk,asc,ascq: 0x5,0x20,0x0].

MPATH_PR_ILLEGAL_REQ

If command fails with [sk,asc,ascq: 0x5,*,*].

MPATH_PR_SENSE_UNIT_ATTENTION

If command fails with [sk,asc,ascq: 0x6,*,*].

MPATH_PR_SENSE_ABORTED_COMMAND

If command fails with [sk,asc,ascq: 0xb,*,*].

MPATH_PR_NO_SENSE

If command fails with [sk,asc,ascq: 0x0,*,*].

MPATH_PR_SENSE_MALFORMED

If command fails with SCSI command malformed.

MPATH_PR_FILE_ERROR

If command fails while accessing file (device node) problems(e.g. not found).

MPATH_PR_DMMP_ERROR

If Device Mapper related error.(e.g Error in getting dm info).

MPATH_PR_OTHER

If other error/warning has occurred(e.g transport or driver error).

MPATH_PR_RESERV_CONFLICT

If command fails with reservation conflict.

SEE ALSO

`mpathpersist(8)`.

AUTHORS

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Linux

2016-11-01

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