TPRECOVER(8)

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

SYNOPSIS

tprecover

Chapter 2

DESCRIPTION

This is special ATMI system process which is started in standard way by **ndrxd(8)** process application server boot. This service shall be run in single instance (min=1 and max=1). The process performs monitoring of the **ndrxd** executable. Two checks at intervals are performed:

1. Check is PID exists.

2. Check the ping response from **ndrxd**

If number of checks overreaches max pings setting, the **ndrxd** is killed by -9 signal (if it was running), and then process is respawned.**tprecover** will start a new copy of *ndrxd*, which initially is put in recovery mode. During recovery mode *ndrxd* requests all running servers information about their services. Once learning mode is completed *ndrxd* will start to do sanity works, pings and other processes to keep the system in order.

NOTE: as pings and performed at intervals and **ndrxd** might be very busy (not a usual case), the careful calculation of ping timeout should be made, because **ndrxd** is doing back pings to **tprecover** process. Thus if **tprecover** waits for ping response for too long time, the ndrxd might kill the **tprecover** by it self. These settings are controlled in **ndrxconfig.xml(5)**, settings **<ping_time>** and **<ping_max>**.

Chapter 3

OPTIONS

[-c *CHECK_PERIOD*]
> This setting denotes how often to perform **ndrxd** availability checks. Number of seconds. The default value is **5**.

[-t *PING_TOUT*]
> Number of seconds to wait for **ndrxd** to respond to ping requests. The default value is **20**.

[-m *PING_MAX*]
> Max number of failed attempts of process existence tests or bad ping responses. If the number if overreached, the **ndrxd** gets killed and respawned.

Chapter 4

EXIT STATUS

0

Success

1

Failure

Chapter 5

BUGS

Report bugs to support@mavimax.com

Chapter 6

SEE ALSO

ndrxconfig.xml(5) ndrxd(8)

Chapter 7

COPYING