

# TPRECOVER(8)

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

# Contents

<b>1</b>	<b>SYNOPSIS</b>	<b>1</b>
<b>2</b>	<b>DESCRIPTION</b>	<b>2</b>
<b>3</b>	<b>OPTIONS</b>	<b>3</b>
<b>4</b>	<b>EXIT STATUS</b>	<b>4</b>
<b>5</b>	<b>BUGS</b>	<b>5</b>
<b>6</b>	<b>SEE ALSO</b>	<b>6</b>
<b>7</b>	<b>COPYING</b>	<b>7</b>

## 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 are 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 is overreached, the **ndrxd** gets killed and respawned.

---

## Chapter 4

# EXIT STATUS

**0**      Success

**1**      Failure

## Chapter 5

# BUGS

Report bugs to [support@mavimax.com](mailto:support@mavimax.com)



## Chapter 6

## SEE ALSO

`ndrxconfig.xml(5)` `ndrxd(8)`

## **Chapter 7**

# **COPYING**

© Mavimax, Ltd