

# Testing PINsafe Installations

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## Overview

This documents covers some simple tests that can be used to verify PINsafe installations and may be used as part of a Installation Acceptance Test.

A copy of the test plan can be downloaded in Word format from here [PINsafe Test Plan.zip](#)

## Prerequisites

PINsafe 3.x

## PINsafe Implementation Test Plan

### Test Results

- Yes: Positive
- No: Negative
- NA: Not Applicable
- TBC: To be Confirmed

### Network Test

#### Network connectivity test

Ping Gateway

Primary appliance result:

Standby appliance result:

DR appliance result:

#### DNS test

NSlookup to verify DNS

Primary appliance result:

Standby appliance result:

DR appliance result:

### **NTP test**

(Successful installation of NTP verifies on appliance)

Ping Gateway from Appliances

Primary appliance result:

Standby appliance result:

DR appliance result:

### **Administration test**

#### **Administration Console test**

Connect to PINsafe Administration Console, port 8080

Primary appliance result:

Standby appliance result:

DR appliance result:

#### **Webmin test (for appliances)**

Connect to PINsafe Webmin, port 10000

Primary appliance result:

Standby appliance result:

DR appliance result:

#### **Proxy port test (for appliances)**

TURing Image Request from port 8443

Primary appliance result:

Standby appliance result:

DR appliance result:

### **ChangePIN test**

Connect to the ChangePIN page and change a users PIN

Primary appliance result:

Standby appliance result:

Connect to the ChangePIN page and verify failure if incorrect PIN is used to change a users PIN

Primary appliance result:

Standby appliance result:

### **ResetPIN test**

Connect to the ChangePIN page and change a users PIN

Primary appliance result:

Standby appliance result:

Connect to the ResetPIN page and verify failure if an incorrect CODE is used

Primary appliance result:

Standby appliance result:

### **Database Replication Test (For MYSQL)**

#### **User Synchronisation test**

Create a user on Primary and another on Standby, verify users exist

Primary appliance result:

Standby appliance result:

DR appliance result:

### **Data Synchronisation test**

Verify MySQL status are in synchronisation

Primary appliance result:

Standby appliance result:

DR appliance result:

### **VIP Failover (For PINsafe VIP installs)**

#### **VIP moves to Standby test**

Shutdown Primary appliance and authenticate on Standby/DR appliance using VIP

Standby appliance result:

#### **VIP moves to Primary test**

Shutdown Standby appliance and authenticate on Primary/DR appliance

Primary appliance result:

### **Transport test**

#### **User Security String test**

Send PINsafe user a security String

Primary appliance result:

Standby appliance result:

DR appliance result:

#### **User Alert test**

Send PINsafe user an Alert

Primary appliance result:

Standby appliance result:

DR appliance result:

#### **Admin user Security String test**

Send PINsafe Admin user a security String

Primary appliance result:

Standby appliance result:

DR appliance result:

#### **Admin user Alert test**

Send PINsafe Admin user an Alert

Primary appliance result:

Standby appliance result:

DR appliance result:

#### **Helpdesk user Security String test**

Send PINsafe Helpdesk user a security String

Primary appliance result:

Standby appliance result:

DR appliance result:

### **Helpdesk user Alert test**

Send PINsafe helpdesk user an Alert

Primary appliance result:

Standby appliance result:

DR appliance result:

## **Authentication Test**

### **Test Authentication Succeeds**

From Integrated Access device test authentication succeeds as expected

### **Test Authentication Fails as expected**

From Integrated Access Client test authentication fails as expected

Repeat for each integrated device