

PINsafe Configuration Best Practices

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Overview

Each Swivel installation will have its own requirements that will require changes to standard configurations. However below are some best practices for configuring Swivel policies and settings.

Policy>General

- Security String Type: Numbers, Upper Case Letters, Lower Case Letters, Mixed numbers and letters

Default: Numbers

Best Practice: Numbers or Upper Case Letters

- Account lockout time (minutes):

Default: 0

Best Practice: 30 minutes

- Maximum login tries: 0-99

Default: 5

Best Practice: Testing 0 (no lockout), Initial provisioning: 5, Long Term production: 3

- Increment Login failure count if user has no security strings: Yes/No

Default: Yes

Best Practice: Yes

- Inactive account expiry (days):

Default 0 (no expiry)

Best Practice: 90

- Auto. set credentials on user creation: Yes/No

Default: Yes

Best Practice: Yes

Policy>PIN and OTC

- PIN expiry (days): 0-99

Default: 0 (no expiry)

Best Practice: as PIN expiry (where change PIN is available)

- PIN expiry after auto/admin reset (days): 0-99

Default: 0

Best Practice: Yes (where change PIN is available)

- PIN expiry warning (days): 0-99

Default: 0 (no expiry)

Best Practice: 14

- Auto-reset PIN on expiry: Yes/No

Default: No

Best Practice: Yes

- PIN change grace period (days): 0-99

Default: 0

Best Practice: 7

- Require PIN change after auto. setting:

Default: No

Best Practice: Yes (where change PIN is available)

- Require PIN change after admin. reset:

Default: No

Best Practice: Yes (where change PIN is available)

- Require password for PIN change: Yes/No

Default: Yes

Best Practice: Yes (where change PIN is available)

- Only warn user, do not lock account: Yes/No

Default: No

Best Practice: No, (Yes if Auto-reset PIN on expiry is used)

- Minimum PIN size: 4-10

Default: 4

Best Practice: 4

- PINless OTC length: 4-10

Default: 6

Best Practice: 6

- Maximum repeated PIN digits:

Default: 0 (digits may not be repeated)

Best Practice: 0

- Allow numerical sequences for PIN:

Default: Yes

Best Practice: No

Policy>Password

- Require password:

Default: No

Best Practice: No (Where another primary/secondary authentication server is used in access device)

Policy>Self-Reset

- Allow user self-reset: Yes/No

Default: No

Best Practice: Yes

- Send reset code as security string: Yes/No

Default: No

Best Practice: No

- Maximum self-reset tries: 0-99

Default: 3

Best Practice: 3

- Allow user self-provision of mobile client: Yes/No

Default: No

Best Practice: Yes

- Send provision code as security string: Yes/No

Default: No

Best Practice: No

- Log device information when provisioning: Yes/No

Default: No

Best Practice: Yes

- Provision Code Validity period (seconds): 10-1000000

Default: 600

Best Practice: 86400

Policy>Helpdesk

- Helpdesk Users can manage other repositories: Yes/No

Default: No

Best Practice: No

- Helpdesk can reset PINs: Yes/No

Default: Yes

Best Practice: No

- Helpdesk Users can administer editable repositories: Yes/No

Default: No

Best Practice: No

- Helpdesk can view Status page: Yes/No

Default: Yes

Best Practice: Yes

- Helpdesk can view Log Viewer page: Yes/No

Default: Yes

Best Practice: No

- Helpdesk can view reports:

Default: No

Best Practice: No

Policy>Console Login

- Show the password field: Yes/No

Default: Yes

Best Practice: No

- Use single channel login: Yes/No

Default: Yes

Best Practice: Yes

- Update TURING immediately after entering username: Yes/No

Default: No

Best Practice: Yes

Policy>Banned Credentials

Default: None

Best Practice: 19???, 200?, 201?

Policy>Mobile Client

- Allow user to enter PIN: Yes/No

Default: No

Best Practice: No

- Allow user to choose how to extract OTC: Yes/No

Default: No

Best Practice: No

- Allow user to browse strings: Yes/No

Default: No

Best Practice: No

Logging>SMTP

- Send errors:

Default: No

Best Practice: No (where Syslog is used)

- Send account locks:

Default: No

Best Practice: Yes

- Send User Account Create/Delete:

Default: No

Best Practice: No

Transport>User Alerts

- PIN changed: Yes/No

Default: Yes

Best Practice: Yes

- PIN change required: Yes/No

Default: Yes

Best Practice: Yes

- PIN expiry warning: Yes/No

Default: Yes

Best Practice: Yes

- Account locked: Yes/No

Default: Yes

Best Practice: Yes

- Account unlocked: Yes/No

Default: Yes

Best Practice: Yes

- Account inactive: Yes/No

Default: Yes

Best Practice: Yes

- Device key allocated: Yes/No

Default: Yes

Best Practice: Yes

- No transport is error: Yes/No

Default: No

Best Practice: No

Database>General

- Case sensitive usernames: Yes/No

Default: No

Best Practice: No

Server Agents and RADIUS NAS

- Check password with Repository:

Default: No

Best Practice: No (Where another primary/secondary authentication server is used in access device)