

# Test Cases INI Console

## Test Cases — INI Console (Primary)

Legend: A=Admin, S=Standard

- 1) Load & Layout
  - Steps: Open INI Console with sample package; observe left/middle/right panes
  - Verify: Sections, Keys, Value editor visible; focus moves with selection; tooltips appear on hover
  - Role: A,S
- 2) Browse & Edit w/ Autocomplete
  - Steps: Select a key; start typing a known variable; pick from suggestions
  - Verify: Autocomplete list shows; chosen token inserts correctly; tooltip text displayed
  - Role: A,S
- 3) Config Gear (⚙️) Toggles
  - Steps: Open gear; toggle Show resolved variables, Show tooltips, Expand multi-line editors
  - Verify: Resolved preview updates; tooltips visible/hidden; multi-line expands
  - Role: A,S
- 4) Delete Key Mode (safety flow)
  - Steps: Enable Delete Key Mode; select a key; delete
  - Verify: Confirmation dialog; key removed; undo brings it back
  - Negative: Cancel maintains key
  - Role: A,S
- 5) Add Section/Key (+)
  - Steps: Use + to add a section; add keys; add row in foldperm/regperm/fileperm
  - Verify: New items appear; values editable; minus removes row
  - Role: A,S
- 6) Permissions Editors
  - Steps: In foldperm/regperm/fileperm, add row; set Identity/Rights/Inheritance; save
  - Verify: Validation for required fields; persisted on reload
  - Role: A,S
- 7) Undo/Redo
  - Steps: Make 3 edits across different keys; Ctrl+Z 3x; Ctrl+Y 3x
  - Verify: Edits revert/restore in order across session
  - Role: A,S
- 8) Save with Validation

## Test Cases INI Console

- Steps: Leave a required value blank; click Save
- Verify: Inline validation highlights; save blocked; fix and save succeeds
- Negative: Attempt to save with invalid format (e.g., bad path token) → message shown
- Role: A,S

### 9) Variable Resolution

- Steps: Enable resolved view; use variables referencing Admin Settings
- Verify: Preview shows computed value; changing Admin path updates preview
- Role: A,S

### 10) Large INI Performance

- Steps: Load large INI ( $\geq 2,000$  keys); scroll and edit
- Verify: UI remains responsive; save completes  $< 3s$  on test rig
- Role: A,S

### 11) Keyboard Shortcuts

- Steps: Ctrl+S (if supported), Ctrl+Z, Ctrl+Y, Ctrl+F search
- Verify: Actions performed; focus remains in editor
- Role: A,S

### 12) Error Handling & Recovery

- Steps: Simulate transient file lock; attempt save; retry
- Verify: Friendly error; no data loss; retry succeeds when lock released
- Role: A,S