

Zoiper UI restrictions documentation

- *Product release:* **Zoiper5**
- *Updated:* **January 2021**

Contents

- [Zoiper UI restrictions documentation](#)
 - [Contents](#)
 - [Introduction](#)
 - [Usage](#)
 - [Setup](#)
 - [Supported restrictions](#)
 - [Examples](#)
 - [Example 1](#)
 - [Example 2](#)

Introduction

Restrictions feature enables the system administrator to hide or disable certain features or settings in the user interface (referred to as **UI**) of Zoiper, so the users will not be able to modify or see them.

Usage

The system administrator could edit the **configuration file** manually and lock it with restrictions, or use restrictions along with provisioning. Check **Zoiper configuration file documentation** for more information.

Setup

Check the children of the `custom_property` element in the **configuration file**. If an element `restrictions` with attribute `type` set to `subtree` is not present, then it should be created manually. The restrictions are located in the previously mentioned `restrictions` element.

- *Enabling a restriction:* the act of hiding or disabling a feature.
- *Restriction element:* an element with `type` set to `subtree` that is located in the `restrictions` element. Its tag name is the name of feature that is going to be restricted (for example `voice_mail`). A restriction might have children of `type` set to `subtree` inside it. Such elements are going to be called **child restrictions**. If any restriction is enabled, then all of its child restrictions are going to be enabled, even if specified otherwise.
- *Restrict element:* an element with tag name `restrict` and attribute `type` that is set to `boolean` in a restriction element. Its value indicates the whether the certain feature is available (`false`) or not (`true`). It can be omitted if the parent restriction is enabled. The default value is `false`.
- *Style element:* an element with tag name `style` and attribute `type` that is set to `string` in a restriction element. Its value indicates the style of the restricted **UI** elements. There are only two valid

values - **hide** and **disable**. The value is inherited from its parent. If none of the parents have a style element, then it defaults to **hide**. Ignored if the restriction is not enabled. It can be omitted.

Supported restrictions

- Option related restrictions (**options**)

The **Settings** button is hidden/disabled.

- Account options restrictions (**account**)

The **Settings** -> **Accounts** menu item is hidden/disabled.

- Account addition restriction (**create**)

The **Settings** -> **Accounts** -> **Add** button is hidden/disabled.

- Account deletion restriction (**delete**)

The **Settings** -> **Accounts** -> *account* -> *delete* button is hidden/disabled.

- Account registration restriction (**register**)

The **Settings** -> **Accounts** -> *account* -> **Register** button is hidden/disabled.

- Account unregistration restriction (**unregister**)

The **Settings** -> **Accounts** -> *account* -> **Unregister** button is hidden/disabled.

- Account renaming restriction (**rename**)

The **Settings** -> **Accounts** -> *account* -> *rename* button is hidden/disabled.

- SIP account related restrictions (**sip**)

The restriction **sip** does nothing by itself - it's just a parent for the following restrictions:

- SIP account domain modification restriction (**domain**)

The **Settings** -> **Accounts** -> *SIP account* -> **SIP Credentials** -> **Domain** input field is hidden/disabled.

- SIP account outbound proxy modification restriction (**outbound_proxy**)

The **Settings** -> **Accounts** -> *SIP account* -> **Optional SIP credentials** -> **Use outbound proxy** checkbox and the **Outbound proxy** input field are hidden/disabled.

- SIP account transport type modification restriction (**transport_type**)

The **Settings** -> **Accounts** -> *SIP account* -> **Network related** -> **Transport** dropdown menu is hidden/disabled.

- SIP account SRTP type modification restriction (**srtpt_type**)

The **Settings** -> **Accounts** -> *SIP account* -> **Encryption** -> **SRTP key negotiation** dropdown menu is hidden/disabled.

- IAX account related restrictions (**iax**)

The restriction **iax** does nothing by itself - it's just a parent for the following restrictions:

- IAX account host modification restriction (**host**)

The **Settings** -> **Accounts** -> *IAX account* -> **Server Hostname/IP** input field is hidden/disabled.

- Contact service options restriction (**contacts**)

The **Settings** -> **Contacts** menu item is hidden/disabled.

- Audio options restrictions (**audio**)

The **Settings** -> **Audio** menu item is hidden/disabled.

- Audio device options restriction (**device**)

The **Settings** -> **Audio** -> **Audio device selection** section is hidden/disabled.

- Extra features restriction (**extra**)

The **Settings** -> **Audio** -> **Extra features** section is hidden/disabled.

- Video options restriction (**video**)

The **Settings** -> **Video** menu item is hidden/disabled.

- Language options restriction (**language**)

The **Settings** -> **Appearance** -> **Language** section is hidden/disabled.

- Theme options restriction (**theme**)

The **Settings** -> **Appearance** -> **Looks, Background** and **Change theme** sections are hidden/disabled.

- Behaviour options restrictions (**behaviour**)

The **Settings** -> **Behaviour** menu item is hidden/disabled.

- Notification options restriction (**notifications**)

The **Settings** -> **Behaviour** -> **Show pop-up notifications when** section is hidden/disabled.

- Call options restrictions (**calls**)

The **Settings** -> **Calls** menu item is hidden/disabled.

- Auto answer restriction (**auto_answer**)

The **Settings** -> **Calls** -> **Auto answer** section is hidden/disabled.

- Call forwarding restriction (`call_forwarding`)

The **Settings** -> **Calls** -> **Call forwarding** section is hidden/disabled.

- HID integration options restriction (`hid_integration`)

The **Settings** -> **HID Integration** menu item is hidden/disabled.

- Click2Dial options restriction (`click2dial`)

The **Settings** -> **Click2Dial** menu item is hidden/disabled.

- Automation options restriction (`automation`)

The **Settings** -> **Automation** menu item is hidden/disabled.

- Provisioning options restriction (`provisioning`)

The **Settings** -> **Lockdown & Provisioning** menu item is hidden/disabled.

- Keyboard shortcut options restriction (`keyboard_shortcuts`)

The **Settings** -> **Keyboard shortcuts** menu item is hidden/disabled.

- Advanced options restriction (`advanced`)

The **Settings** -> **Advanced** menu item is hidden/disabled.

- Help/about options restrictions (`about`)

The **Settings** -> **Help / About** menu item is hidden/disabled.

- Diagnostic options restriction (`diagnostic`)

The **Settings** -> **Diagnostic** menu item is hidden/disabled.

- Call related restrictions (`calls`)

The restriction `calls` does nothing by itself - it's just a parent for the following restrictions:

- Call answer restriction (`answer`)

The *answer without video* button for incoming calls is hidden/disabled.

- Call answer with video (`video`)

The *answer with video* button for incoming calls is hidden/disabled.

- Call conference restriction (`conference`)

The ability to make conference calls is restricted.

- Dial functionality restriction (`dial`)

The ability to create calls is restricted.

- Dialpad usage restriction (**dialpad**)

The ability to use the dialpad is restricted.

- Call hang up restriction (**hangup**)

The ability to reject / hang up calls and conferences is restricted.

- Call holding restriction (**hold**)

The ability to hold calls and conferences is restricted.

- Call recording restriction (**record**)

The ability to record calls is restricted.

- Call transfer restriction (**transfer**)

The ability to transfer calls is restricted.

- Start/stop video in calls restriction (**video**)

The ability to start/stop a video call is restricted.

- Chat related restrictions (**chat**)

The restriction **chat** does nothing by itself - it's just a parent for the following restrictions:

- Send chat message restriction (**send_message**)

The button for sending messages is hidden/disabled when this restriction is enabled.

- Contact related restrictions (**contacts**)

The restriction **contacts** does nothing by itself - it's just a parent for the following restrictions:

- Contact addition restrictions (**add**)

The **Add Contact** button and the *add* button in the history log window is hidden/disabled.

- Contact addition from CSV files restriction (**csv**)

The **Import Contacts** button is hidden/disabled.

- Contact editing restriction (**edit**)

The *edit* contact button in the history log window is hidden/disabled.

- Contact deletion restriction (**delete**)

The *delete* contact button in the history log window is disabled and the one in the contact addition/editing page is hidden/disabled.

- Contact filtering restriction (`filter`)

Nothing happens after something is typed in the contact filtering input field. Note that the field is not hidden/disabled because it will hinder dialing a number that is not in the contact list.

- Wizard related restrictions (`wizard`)

- Account creation wizard restriction (`account_creation`)

The account creation wizard, when the application is started for the first time, is not displayed. This restriction is almost always used for provisioning purposes. Note that it does not hide/disable the one in the settings menu. In order to hide/disable the **Settings** -> **Accounts** -> **Add** button the `options` -> `account` -> `create` restriction has to be enabled.

- Device testing wizard restriction (`device_testing`)

The device testing wizard, when the application is started for the first time, is not displayed.

- Voicemail restriction (`voice_mail`)

The voicemail button under the contact list is hidden/disabled.

- Phone status restriction (`phone_status`)

The phone status button under the contact list and the **Status** menu item in the tray icon menu is hidden/disabled.

- Application exit restriction (`exit`)

The close button in the window decorations does nothing and the **Exit** menu item in the tray icon menu is hidden/disabled.

Examples

Example 1

Hide the options menu and disable contact deletion.

```
<custom_properties type="subtree">
  <restrictions type="subtree">
    <options type="subtree">
      <restrict type="boolean">true</restrict>
      <style type="string">hide</style>
    </options>
    <contacts type="subtree">
      <!--
        Notice that *restrict* is omitted.
        This is because we only want to disable contact deletion
        and not every other contact related feature.
      -->
      <delete type="subtree">
        <restrict type="boolean">true</restrict>
```

```

    <style type="string">disable</style>
  </delete>
</contacts>
</restrictions>
</custom_properties>

```

Example 2

Hide contact addition and disable every other contact related feature (i.e. deletion, editing, etc.). Disable the audio, video and advanced options. Note that the contact services options (`options` -> `contacts`) will not be restricted i.e. the user will still be able to have contacts.

```

<custom_properties type="subtree">
  <restrictions type="subtree">
    <contacts type="subtree">
      <restrict type="boolean">true</restrict>
      <style type="string">disable</style>
      <add type="subtree">
        <style type="string">hide</style>
        <!--
          Notice that *style* is specified.
          This is because we want to override
          the one from its parent.
        -->
        <!--
          Notice that *restrict* is omitted.
          It is implicitly set to *true*
          because one of its parent already
          has *restrict* set to *true*.
        -->
      </add>
    </contacts>
    <options type="subtree">
      <audio type="subtree">
        <restrict type="boolean">true</restrict>
      </audio>
      <video type="subtree">
        <restrict type="boolean">true</restrict>
      </video>
      <advanced type="subtree">
        <restrict type="boolean">true</restrict>
      </advanced>
      <style type="string">disable</style>
      <!--
        Notice that the order of the *style*, *restrict*
        and *restriction* elements doesn't matter.
        The result would be the same if we put
        *style* before the *audio* element.
      -->
      <!--
        Notice that *restrict* is omitted, but *style* is specified.

```

This is because we want the children to inherit the style in order to avoid typing a few extra lines of code. The `*style*` is ignored for the current restriction (`*options*`) because the restriction is not enabled.

```
-->
```

```
</options>
```

```
</restrictions>
```

```
</custom_properties>
```