

5 Screens

Overview

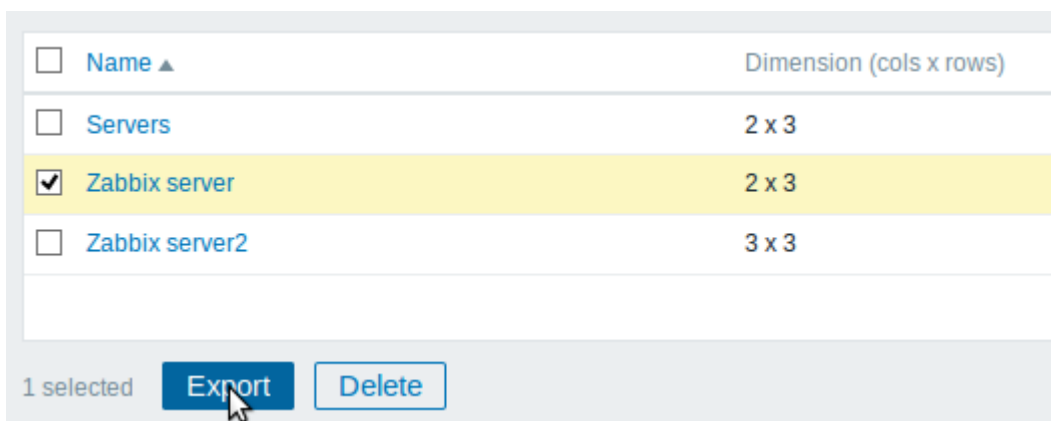
Screen [export](#) contains the screen structure - all screen settings and all screen elements along with their configuration.

Anything included in the screen itself (like a host, host group or any other data) is not exported. Thus, if at least one of the elements the screen refers to is missing, importing it will fail.

Exporting

To export screens, do the following:

- Go to: *Monitoring* → *Screens*
- Mark the checkboxes of the screens to export
- Click on *Export* below the list



The screenshot shows a table of screens with the following columns: Name and Dimension (cols x rows). The 'Zabbix server' row is selected. Below the table, there is a status bar indicating '1 selected' and two buttons: 'Export' and 'Delete'.

<input type="checkbox"/>	Name ▲	Dimension (cols x rows)
<input type="checkbox"/>	Servers	2 x 3
<input checked="" type="checkbox"/>	Zabbix server	2 x 3
<input type="checkbox"/>	Zabbix server2	3 x 3

1 selected

Selected screens are exported to a local XML file with default name *zabbix_export_screens.xml*.

Importing

To import screens, do the following:

- Go to: *Monitoring* → *Screens*
- Click on *Import* to the right
- Select the import file
- Mark the required options in import rules
- Click on *Import*

* Import file zbx_export_screens.xml

Rules	Update existing	Create new	Delete missing
Groups		<input type="checkbox"/>	
Hosts	<input type="checkbox"/>	<input type="checkbox"/>	
Templates	<input type="checkbox"/>	<input type="checkbox"/>	
Template screens	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Template linkage		<input type="checkbox"/>	
Applications		<input type="checkbox"/>	<input type="checkbox"/>
Items	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Discovery rules	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Triggers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Graphs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Web scenarios			
Screens	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Maps	<input type="checkbox"/>	<input type="checkbox"/>	
Images	<input type="checkbox"/>	<input type="checkbox"/>	
Value mappings	<input type="checkbox"/>	<input type="checkbox"/>	

All mandatory input fields are marked with a red asterisk.

A success or failure message of the import will be displayed in the frontend.

Import rules:

Rule	Description
<i>Update existing</i>	Existing screens will be updated with data taken from the import file. Otherwise they will not be updated.
<i>Create new</i>	The import will add new screens using data from the import file. Otherwise it will not add them.

Export format

Exporting a small screen with two graphs taking up the first row of the screen.

```
<?xml version="1.0" encoding="UTF-8"?>
<zabbix_export>
  <version>4.4</version>
  <date>2019-06-14T09:22:17Z</date>
  <screens>
```

```
<screen>
  <name>Zabbix server</name>
  <hsize>2</hsize>
  <vsize>3</vsize>
  <screen_items>
    <screen_item>
      <resourcetype>0</resourcetype>
      <width>300</width>
      <height>80</height>
      <x>0</x>
      <y>0</y>
      <colspan>1</colspan>
      <rowspan>1</rowspan>
      <elements>0</elements>
      <valign>0</valign>
      <halign>0</halign>
      <style>0</style>
      <url/>
      <dynamic>1</dynamic>
      <sort_triggers>0</sort_triggers>
      <resource>
        <name>CPU load</name>
        <host>Zabbix host</host>
      </resource>
      <max_columns>3</max_columns>
      <application/>
    </screen_item>
    <screen_item>
      <resourcetype>0</resourcetype>
      <width>300</width>
      <height>80</height>
      <x>1</x>
      <y>0</y>
      <colspan>1</colspan>
      <rowspan>1</rowspan>
      <elements>0</elements>
      <valign>0</valign>
      <halign>0</halign>
      <style>0</style>
      <url/>
      <dynamic>1</dynamic>
      <sort_triggers>0</sort_triggers>
      <resource>
        <name>CPU utilization</name>
        <host>Zabbix host</host>
      </resource>
      <max_columns>3</max_columns>
      <application/>
    </screen_item>
  </screen_items>
</screen>
```

```
</screens>
</zabbix_export>
```

Element tags

Element tag values are explained in the table below.

Element	Element property	Type	Range	Description
screens				
screen				
	name	string		Unique screen name.
	hsize	integer		Horizontal size, number of columns.
	vsize	integer		Vertical size, number of rows.
screen_items				
screen_item				
	resourcetype	integer	0 - graph 1 - simple graph 2 - map 3 - plain text 4 - host info 5 - trigger info 6 - server info 7 - clock 9 - trigger overview 10 - data overview 11 - URL 12 - history of actions 13 - history of events 14 - host group issues 15 - problems by severity 16 - host issues 19 - simple graph prototype 20 - graph prototype	Resource type.
	width	integer		Width of the screen item (in pixels) if 'resourcetype' is 0, 1, 7, 11, 19 or 20.
	height	integer		Height of the screen item (in pixels) if 'resourcetype' is 0, 1, 7, 11, 19 or 20.
	x	integer		X-coordinates of the screen item on the screen, from left to right. '0' means start from first column.

Element	Element property	Type	Range	Description
	y	integer		Y-coordinates of the screen item on the screen, from top to bottom. '0' means start from first row.
	colspan	integer		Number of columns the screen item will span across.
	rowspan	integer		Number or rows the screen item will span across.
	elements	integer		Number of lines to display on the screen item if 'resourcetype' is 3, 12, 13, 14 or 16.
	valign	integer	0 - middle (default) 1 - top 2 - bottom	Vertical alignment.
	halign	integer	0 - center (default) 1 - left 2 - right	Horizontal alignment.
	style	integer	0 - plain text 1 - HTML	Option of displaying screen item if 'resourcetype' is 3.
		integer	0 - local time 1 - server time 2 - host time	Option of displaying screen item if 'resourcetype' is 7.
		integer	0 - horizontal 1 - vertical	Option of displaying screen item if 'resourcetype' is 4,5.
		integer	0 - left side 1 - top	Option of displaying screen item if 'resourcetype' is 9,10.
	url	string		Link URL if 'resourcetype' is 11.
	dynamic	integer	0 - no 1 - yes	Make screen item dynamic if 'resourcetype' is 0, 1, 3, 19 or 20.

Element	Element property	Type	Range	Description
	sort_triggers	integer	0 - last change (descending) 1 - severity (descending) 2 - host (ascending)	Option to sort triggers by if 'resourcetype' is 14,16.
		integer	3 - time (ascending) 4 - time (descending) 5 - type (ascending) 6 - type (descending) 7 - status (ascending) 8 - status (descending) 9 - retries left (ascending) 10 - retries left (descending) 11 - recipient (ascending) 12 - recipient (descending)	Option to sort triggers by if 'resourcetype' is 12.
	max_columns	integer		In how many columns generated graphs should be displayed in the screen cell if 'resourcetype' is 19 or 20. Useful when there are many LLD-generated graphs.
	application	string		Filter by application name if 'resourcetype' is 9 or 10.
resource				
	name	string		Resource name.
	host	string		Resource host.

From: <https://www.zabbix.com/documentation/4.4/> - **Zabbix Documentation 4.4**

Permanent link: https://www.zabbix.com/documentation/4.4/manual/xml_export_import/screens

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