

Getting started with Truwex

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Getting started with Truwex

Note: This guide is dedicated to a Truwex user with administrative rights and system scope. One of such user is created from the email and password provided during Truwex installation.

1. Login

Users access Truwex using a web browser. No additional software is required on a user's PC. Enter Truwex start page URL, e.g.

http://truwexserver.com/truwex

Login page



Please enter email and password

Email:

Password:

Login

[Forgot password](#)

- Truwex users are identified by **Email** and **Password**, so enter them, and press **Login**.

Note After Truwex deployment only Truwex administrator exists in the system; his/her e-mail and password are provided during installation. Truwex administrator can create other Truwex users. (see 5.1)

2. Create a website and job. Set the task

A user first defines a Truwex Website, this tells Truwex WHERE to scan. It mainly describes a collection of web pages to scan in terms of start URLs and restrictions. Then a user defines a Truwex Job, this tells Truwex HOW to scan. It mainly describes scan settings and which issues to detect.

Being run Truwex Website and Job produce Truwex Task.

- Click **Websites & Reporting** in the Truwex top menu
- Click **New Website** in the second menu tier

Website creating wizard consists of 6 steps.

- Step 1: Website URLs
- Step 2: Restriction and Exception URLs
- Step 3: Authentication and Session ID
- Step 4: Scan limits and URL case
- Step 5: Country information
- Step 6: Add Website to Job

2.1. Website URLs

Define a website

Website ID: test

Website name: * Issues Test

Description

Starting URLs: http://enews2.erigami.com/IssuesTest/index.html

* add and check |

(OK) http://enews2.erigami.com/IssuesTest/index.html

check delete

Website directories: http://enews2.erigami.com/IssuesTest/

* add directories from starting URLs

Save Save & Continue

- Type in **Website ID** and **Website name** for the new Truwx website.
- Enter at least one URL to **Starting URLs**. Press **add and check**. Truwx checks that the web page exists and adds it to the list below in green.
- **Website directories** are taken from the Starting URLs by removing web page filename. They can be entered manually.

Truwx scanner starts from a web page given by Starting URL and proceeds to other pages hyperlinked to it, if their URLs start from the **Website directories**.

- Once finished, click **Save & Continue**.

2.2. Restriction and Exception URLs

You can leave these fields blank for the first runs. Truwx ignores pages, which URLs start from **Restriction URLs**. Truwx anyway scans pages, which URLs start from **Restriction exception URLs**.

2.3. Authentication and Session ID

The screenshot shows a configuration window with two main sections: **Authentication** and **Session ID**.
In the **Authentication** section, there is a checkbox for "Website requires authentication:" which is currently unchecked. Below it are two empty text input fields for "Login:" and "Password:".
The **Session ID** section contains a large text area for "Session id pattern list:" with the instruction "(Enter each parameter to a new row)". Below this is a dropdown menu for "Session id pattern type:" which is currently set to "parameter name".
At the bottom of the window are three buttons: "Back", "Save", and "Save & Continue".

- You may leave **Authentication** data blank unless a website requires login / password.
- You may leave **Session ID** data blank. It is used when same web pages have different URLs on a website to prevent Truwex to scan them several times.

2.4. Scan limits and URL case

The screenshot shows a configuration window titled "Select options".
It contains two settings:
1. "Maximum number of concurrent connections for this web site:" with two radio button options: "Limit" (with a text input field containing "10") and "Unlimited" (which is selected).
2. "Website URLs are case sensitive:" with a checked checkbox.
At the bottom of the window are three buttons: "Back", "Save", and "Save & Continue".

- You can leave **Maximum number of concurrent connections ...** as **Unlimited**. Some websites stop responding, if they receive many concurrent requests from a single IP address. You may limit a number of HTTP connections here.
- You can check **Website URLs are case sensitive**, if web pages with not the same content have URLs, which differ only in letter case. We recommend this option for websites hosted on Linux (Unix).

2.5. Country information

Define website country

Client:	erigami
Company:	erigami
Region:	<div style="border: 1px solid #ccc; padding: 2px;"> All Countrues Asia Pacific Central America EMEA Latin America North America </div>
Country:	<div style="border: 1px solid #ccc; padding: 2px;"> Qatar Romania Russian Federation Rwanda San Marino Saudi Arabia Senegal </div>

Back
Save
Save & Continue

- **Define website country** (i.e. where the website resides) in the Client - Company - Region - Country hierarchy.

Note Truwex creates a default website hierarchy for a company name entered during installation. If you add a new client, you have to create a company – region – country hierarchy manually.

2.6. Add Website to Job

Select options

Final step:

Add Website to existing job
 Create a new Job
 Just finish

Back
Save
Save & Continue

- As we didn't create a job yet to assign our website to, choose **Create a new Job**. In future you can assign more websites to the same job.

Now website creating wizard finishes, and job creating wizard starts. It consists of 6 more steps.

- Step 7 : New Job
- Step 8 : Job: File types
- Step 9 : Job: Scan settings
- Step 10 : Job: Issues to detect
- Step 11 : Job: Notification email
- Step 12 : Job: Schedule

2.7. New Job

Enter job name

Job ID:	J46
Job Name:	

Save & continue

- You will receive **Job ID** for the new job automatically.
- Enter **Job Name**. My First Job, for example.

2.8. File types

Select action for document types

Application	ignore
Archives	check broken links
Audio	check broken links
HTML pages	analyze
Image	check broken links
MS Office	check broken links
Other	ignore
PDF	check broken links
Scripts	check broken links
Text	check broken links
Video	check broken links

[Customize](#)

Learn MIME types for unknown file extensions

[Save & continue](#)

- Leave data in **Select action for document types** as is. Truwex will **analyze** and look for further hyperlinks in **HTML pages**. It will only **check broken links** to most other files, and won't load and analyze them.

2.9. Job: Scan settings

Scan settings

Load images to a web page

Load ActiveX

Execute JavaScript

Follow java script links

Disable popup dialogs

Enable IE file cash

Check broken links

Check only start urls

Check website visibility in MSN, Yahoo([Key required](#))

Maximum pages to scan Limit

No limit

[Save & continue](#)

We recommend to start with following settings.

- **Load images to a web page** is used for many things, like website statistics, etc.
- **Execute JavaScript** allows to count JavaScript effect on web pages.
- **Enable IE file cache** helps to reduce scan time.
- **Check broken links** is highly valuable.
- You can leave **Maximum pages to scan** to **500** to receive a report quicker.

2.10. Issues to detect

The screenshot shows a configuration window titled "Issues". It contains a list of categories with expandable sub-options:

- Accessibility
 - Section 508 Report warnings
 - WCAG 1.0, Level A
 - WCAG 1.0, Level AA
 - [Accessibility settings](#)
- Privacy
 - [Privacy settings](#)
 - [Language detection settings](#)
- Search Engine Optimization
- Web site quality
 - [Web site quality settings](#)
- Interactive behavior
- Google Analytics

At the bottom right, there is a "Save & continue" button.

Here you can select what issues TruWex will detect in a website. Issues come into several groups. You can either select the whole group, or click on + icon to expand, and select particular issues. Also you can configure additional settings for each issue.

- **Accessibility** is about site compliance to the US Section 508 standards, WCAG (for United Kingdom, Germany and other countries). **Report warnings** checkbox enables rules for manual check.
- **Privacy** checks for such things as cookies, web beacons, P3P policy, COPPA etc.
- **Search Engine Optimization** finds issues related to website.
- **Web site quality** checks for such things as broken links, meta information, etc.
- **Interactive behavior** checks for various popup windows.
- **Google Analytics** detects web analytics code on a website.

2.11. Notification email

Notification email

Users to be notified:

Nick Erochenkov,nerochen@erigami.ru

Subject:

Greeting:

Add issue category compliancy bar diagram
 Add issue category compliancy table
 Add Website run details table
 Add link to WS home with run results

Introduction text

Footer

Notification email format:

- Once job is finished, Truwex can send a notification e-mail to **Users to be notified**. Local SMTP server must be enabled to receive notification reports. Refer to Truwex Installation guide for instructions.
- You can provide **Subject** for this e-mail.
- Check **Add links to WS home with run result** to put a hyperlink into e-mail to Truwex site where job results are placed.
- You may also check **Add issue category compliancy bar diagram**, **Add issue category compliancy table**, **Add Website run details table** to place report data into e-mail itself.

2.12. Schedule

Enable Scheduler

Select start time		Select end date	
30	August	2005	<input checked="" type="radio"/> No End Date <input type="radio"/> After <input type="text"/> runs <input type="radio"/> End date
Start hour: 1 am		30	August 2005
Select recurrence			
<input checked="" type="radio"/> Weekly	every Monday		
<input type="radio"/> Monthly	<input type="radio"/> every 1 day <input type="radio"/> every 1 Monday		
<input type="radio"/> Quarterly	<input type="radio"/> every 1 day of 1 month <input type="radio"/> every 1 Monday of 1 month		
<input type="radio"/> Annually	<input type="radio"/> every 1 day of January <input type="radio"/> every 1 Monday of January		

Save & continue

- You can leave **Enable Scheduler** blank unless you want to schedule the job to run at specific time or regularly.

Now job creating wizard finishes.

Home Websites & Reporting Scanner Administration Developer Check URL Help Index Logout
 New Website My Websites & Results Data & Issue Grid Trend & Comparison Report Page Help

Job for Website ID: test, Website name: Issues Test

Job 49, "Issues Test" was created successfully

Start scan job now

OK

- Check **Start scan job now** and click **OK**.

3. Check results

Wait for the job to finish, and notification e-mail to come. Here it is.

Nick Erochenkov,
your task has been finished:

Website ID: test
Website name: Issues Test
Run date: 31/08/2005
Task ID: 309

<http://truwextest.erigami.ru/Truwex/WebScanner/WebSites/Home.aspx?id=309>

This letter was automatically generated by Truwex.

Click on the link, login to Truwex, and you will see website job results.

- Run details** section contains a general info on the job run.

Website ID: JSite , Job ID: 17, Task ID: 126, Run date: 06/18/2007
Website name: name.com

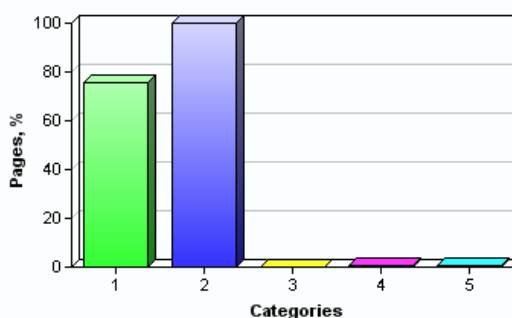
Run details:

Run date	6/18/2007 1:14:19 PM
Time spent	0:24:1
Pages analyzed	484
Files in Website	1054
Hyperlinks found	1357
Images found	548
WS size, MB	23.183

Website compliancy

#	issue category	compliant pages	non-compliant pages	color
1	Accessibility	75.62%	118	Green
2	Interactive behavior	100%	0	Blue
3	Privacy	0%	484	Yellow
4	Search Engine Optimization	0.41%	482	Magenta
5	Web site quality	0.41%	482	Cyan
Total pages with issues		100%	484	
Total pages without issues		0%	0	

Compliant pages by issue category, %

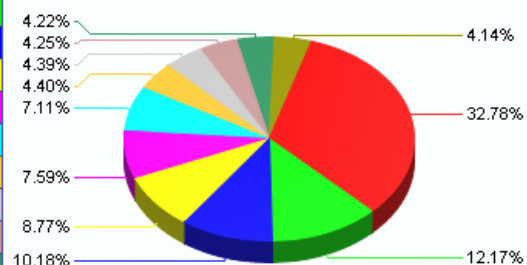


- **Website compliancy** shows absolute and relative no. of compliant pages for each issue category.

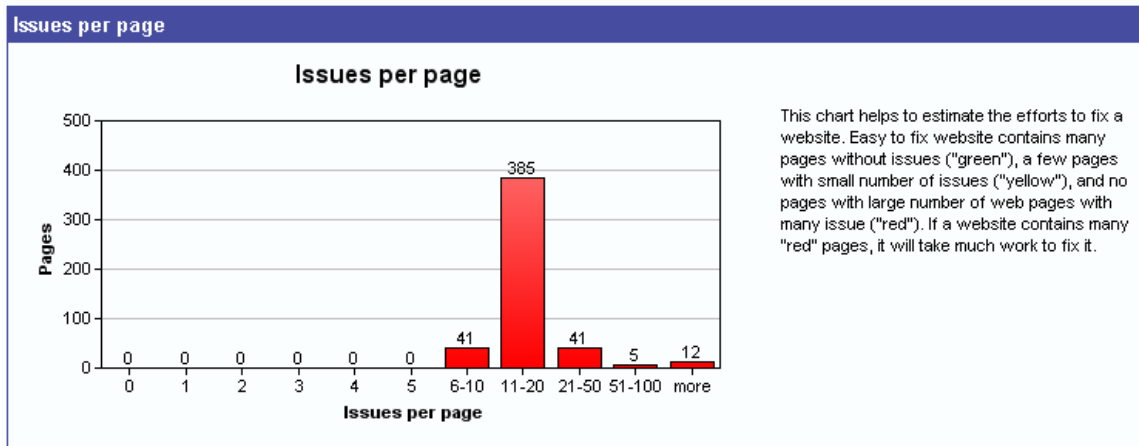
Top 10 issues

#	issue	% of all issues	issue count	color
1	Web pages with the same content:	12.17%	1276	Green
2	Non relevant words in HTML title:	10.18%	1068	Blue
3	Third party links are found:	8.77%	920	Yellow
4	Broken links are found:	7.59%	796	Magenta
5	Broken source URLs are found:	7.11%	746	Cyan
6	HTML keywords: missing:	4.4%	461	Orange
7	HTML description: missing:	4.39%	460	Grey
8	Privacy policy link is missing:	4.25%	446	Brown
9	Old pages found:	4.22%	443	Dark Green
10	Deep page:	4.14%	434	Olive
	Others:	32.78%	3438	Red

Issue share of all issues, %



- **Top 10 issues** lists them, gives their number and percentage share.



- This chart shows the number of issues per page.

3.1. Issues

Home	Websites & Reporting	Scanner	Administration	Developer	Check URL	Help Index	Logout	
New Website	My Websites & Results	Data & Issue Grid	Trend & Comparison Report					
Home	Issues	Inventory	Pages	Runs	Jobs	Settings	Data & Issue grid	Page Help

Website ID: JSite , Job ID: 17, Task ID: 126, Run date: 06/18/2007
 Website name: name.com

Select web page depth to show reports:

Depth 0 is a home page. Pages referenced from a home page have depth 1.

Selecting depth 0-3 shows report on pages, which can be reached in three clicks from a home page.

Issue charts

Issues

Category	Caption	Compliant pages	Affected pages	Occurrence count
Accessibility	[508 (A)] [WCAG 1.1 (1)] Alt is missing	99%	5	6
Accessibility	[508 (G),(H)] [WCAG 5.1,5.2 (1)] Data table without headers is found	99%	1	1
Accessibility	[508 (L)] Clickable image with javascript link has no 'alt' or 'title'	93%	38	76
Accessibility	[508 (N)] [WCAG 12.4 (2)] Form control without explicit label is found	99%	1	7
Accessibility	[WCAG 2.2 (2)] Low-contrast text is found	91%	48	301
Accessibility	[WCAG 3.2 (2)] Doctype missing	99%	1	1
Accessibility	[WCAG 3.4 (2)] Fixed fonts are found	99%	3	94
Accessibility	[WCAG 3.4 (2)] Fixed sizes are found	99%	1	396
Accessibility	[WCAG 3.5,12.3 (2)] Hardly reachable text for voice reader is found	91%	45	45
Accessibility	[WCAG 6.3 (1),6.5 (2)] Script based link is found	93%	38	76

- Click **Issues** to see full list of issues found on the website.
- To get help on an issue, roll over its **Caption**.
- Click on **Affected pages** to view a list of pages with an error.
- Report behind **Occurrence count** link illustrates an issue by showing data found for all issue occurrences.

Disclaimer: The fact that Truwex does not discover any issue on a web page does not guarantee that this web page is compliant with the US Section 508, WCAG or any other

standard or regulation. Truwex is a tool, which helps to identify possible issues automatically, but it can not replace completely manual audit and good coding practice.

3.2. Pages

Home | Issues | Inventory | **Pages** | Runs | Jobs | Settings | Data & Issue grid

WebsiteID: test , Job ID: 49, Task ID: 309, Run date: 08/31/2005
Website name: Issues Test

[Filters](#) [Show columns](#) [Export to Excel](#)

Elements per page: 20 Nested elements limit: 25

1 2 3 4 5

#	Page Data	URL	Issues			
			Privacy compliance	Web site quality	Interactive behavior	Accessibility
		URL	Total	Total	Total	Total
1	π	http://enews2.eriga...JsAlertDialog.html	0	0	1	18
2	π	http://enews2.eriga...ByIE6isFound1.html	2	0	0	18
3	π	http://enews2.eriga...tTextIsFound1.html	0	0	0	18

- Click **Pages** to see full list of pages with issues found on the website.
- To get details on a page, click **Page Data** link (π).
- To view a page, click its **URL** link.

3.3. Inventory

Website details

Report
Key pages
Linked domains
All hyperlinks
Broken links
Third party links
Page redirects
Forms summary
Pages with forms
Cookies
Web beacons
Pages with frames

Website files

File type	Extension	Count	Size, KB
Other files	(empty)	33	80
HTML pages	htm	79	1203
HTML pages	html	372	912
HTML pages	php	2	8
Image	gif	86	1014
Image	jpg	97	2175
Image	png	365	18299
Scripts	css	18	37
Scripts	js	2	11
Total	(total)	1054	23740

- Click **Inventory** to list all web objects (e.g. html documents, images, hyperlinks, forms) found. Click any item to view the report.

4. Trend & Comparison Report

This report allows you to see results not just of a single task run, but cumulative report for several tasks.

- Click **Websites & Reporting**
- Click **Trend & Comparison report**

Home	Websites & Reporting	Scanner	Administration	Developer	Check URL	Help Index	Logout
New Website	My Websites & Results	Data & Issue Grid	Trend & Comparison Report				

Websites and Reporting

Navigation help	
New Website	Create a new website to check by Truwex
My Websites and Results	Find all summary and detailed reports about your websites. Edit website properties.
Data and Issue grid	Use this wizard to generate detailed page by page report with issues and data for web developers
Trend and Comparison report	Use this wizard to prepare a summary report over several websites, countries or regions.

Report creating wizard consists of 6 steps.

- Step 1: Select report scope and consolidation
- Step 2: Select Websites to compare
- Step 3: Select Runs to compare
- Step 4: Define time periods
- Step 5: Report settings
- Step 6: Trend and comparison report

Note For demonstration purposes only, we will compare two different job runs (one with all issue categories selected, another with privacy compliance issues only) made on the same website on different days.

4.1. Select report scope and consolidation

Select report consolidation:	Select report scope:
<input type="radio"/> Company:	erigami
<input type="radio"/> Region:	All Regions All Countrues Asia Pacific Central America EMEA
<input checked="" type="radio"/> Country:	Russian Federation Rwanda San Marino Saudi Arabia Senegal
<input type="radio"/> Website	
Website search parameters:	
Website ID:	<input type="text"/>
Website name:	<input type="text"/>
Website starting URLs:	<input type="text"/>

Select Websites for reporting

Report with All Websites

- Select consolidation point **Company - Russian Federation**. This will generate report for Russian Federation websites only.
- Press **Select Websites for reporting** to get a list of sites within scope.

4.2. Select Websites to compare

Websites on page: 20 Show only selected

Website ID	Name	Description	Start Url	<input type="checkbox"/>
alex_test	test of alex			<input type="checkbox"/>
nick_test	Nick's test website	Description text		<input type="checkbox"/>
test	Issues Test			<input checked="" type="checkbox"/>
test_2	Another Issues Test			<input checked="" type="checkbox"/>

Previous step

Next step

- Tick off websites which will take part in the report. We will use "test" & "test_2", however they are the same website indeed.

4.3. Select Runs to compare

Websites on page: Show only selected

Show only last Runs Date from to

1

Task ID	Web Site ID	Name	Started	Finished	Status	<input type="checkbox"/>
309	test	Issues Test	8/31/2005 7:41:50 PM	8/31/2005 7:59:26 PM	COMPLETE	<input checked="" type="checkbox"/>
322	test_2	Another Issues Test	9/2/2005 1:52:45 PM	9/2/2005 2:03:22 PM	COMPLETE	<input checked="" type="checkbox"/>

1

[Previous step](#) [Next step](#)

- Tick off job runs on the websites that will take part in the report. We will use both.

4.4. Define time periods

Consolidation: Country
Scope: 2 WebSite(s) from Russian Federation

Select time periods:

From To
From To

[Add new period](#)

By month starting from , months

By quarter starting from , quaters

Annually starting from , years

Only last runs in the selected periods will be used

[Previous step](#) [Continue](#)

- Provide several time intervals. Job run(s) in each time interval will be used to compare against job run(s) in every other time interval. Hence we will provide two intervals so that each interval cover a single job run.

4.5. Report settings

Consolidation: Country
 Scope: 2 WebSite(s) from Russian Federation

Select report type

Standard report Overall compliancy by category

Select issues to compare

Privacy compliance
 Web site quality
 Interactive behavior
 Accessibility

Report settings

Scope: All (1)

Group by: time period

Then by: scope

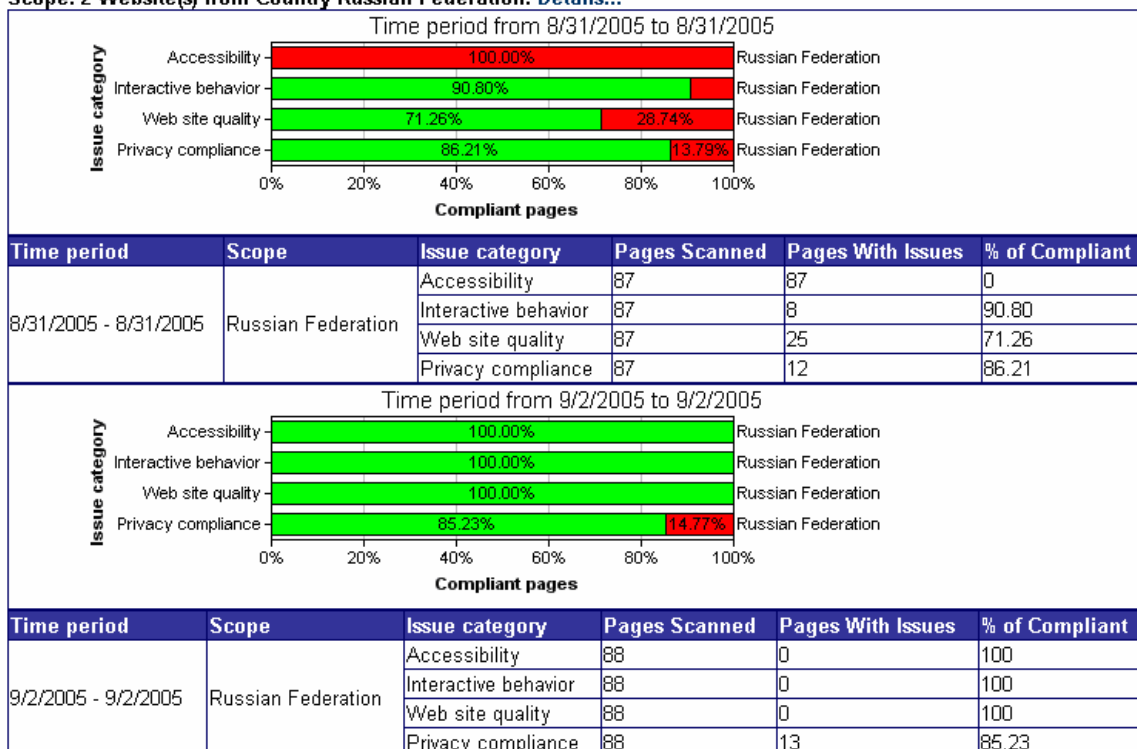
Show datasheet

Previous step
Report

- Let us use **Standard report** "Overall compliancy by category" and default **Report settings**.
- Check **Show datasheet** to include data (not only charts) into report.

4.6. Trend and comparison report

Report type: Overall Compliancy by Category
 Cosolidation: Country
 Scope: 2 Website(s) from Country Russian Federation. [Details...](#)



5. Appendix. Administration

Let us briefly explain how to create users and website hierarchy.

Client - Company - Region - Country hierarchy explained

Client is an organization which consumes Truwex reports. A client can hold few companies to check websites. Each company can have websites in few regions. Each region can include few countries. And each country can have websites. Company, Region, Country, Website are consolidation point for reports. Client just defines an account.

Users and Roles explained

Users are identified by e-mail and password. A user is not included into client-company-region-country hierarchy directly, but rather he/she has a number of roles associated. Role defines privileges or rights for a particular client, company, region, or country (so-called scope of a role) of that user. These rights are inherited downwards and act on websites created for a country.

5.1. Creating users

- Click [Administration & New user](#).

Home	Websites & Reporting	Scanner	Administration	Developer	Check URL	Help Index	Logout	
New user	Users	Clients	Companies	Regions	Countries			Page Help

New user registration

Please fill the fields below

Email: *	<input type="text" value="nerochen@erigami.ru"/>
First name: *	<input type="text" value="Nikolai"/>
Last name: *	<input type="text" value="Erochenkov"/>
Company: *	<input type="text" value="erigami"/> <input type="text" value="Ingdirect"/>
Phone: *	<input type="text" value="+7 095 1279827"/>
Enter password: *	<input type="password" value="•••••"/>
Re-enter password: *	<input type="password" value="•••••"/>

- Provide [First name](#), [Last name](#), [Company](#), [Phone](#). [Enter password](#).

Note Company is property of the user, it doesn't affect user rights in client-company-region-country hierarchy, this is done through the use of roles. Companies are those defined in the website hierarchy, so the latter should be created first. (see 5.2)

- Click [Administration > Users](#).

Users

Find by:

E-mail:

First Name:

Last Name:

Role:

Search

1	First name	Last name	E-mail	Status	Properties
<input checked="" type="checkbox"/>	Nick	Erochenkov	nerochen@erigami.ru	1	Properties

1

- Enter new user's **E-mail** and **Search** for him/her.
- Tick off the user and click **Activate**. It changes user status to 1 (active)
- Click user's **First name** or **Last name** or **E-mail**.

Roles: Nick Erochenkov

Role	Scope	Details
User has no roles		
<input type="button" value="New role"/>		<input type="button" value="Delete"/>

- Press **New role**.

New Role: Nick Erochenkov

Role	<input type="text" value="Owner"/>
Scope	<input type="text" value="Client"/>
Scope Details	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Available objects:</p> <div style="border: 1px solid black; padding: 2px;">erigami</div> </div> <div style="width: 10%; text-align: center;"> <input type="button" value="=>"/> <input type="button" value="=<"/> </div> <div style="width: 45%;"> <p>Selected objects:</p> <div style="border: 1px solid black; padding: 2px;">erigami</div> </div> </div>
<input type="button" value="Add Role"/>	

- Select **Role**. "Owner" will allow user to view results.
- Select **Scope**. "Client" is the top most.
- In **Scope Details** select a specific Client for which user works.
- Click **Add Role**.

Note Clients are those defined in the hierarchy, so the latter should be created first. (see 5.2)

5.2. Creating Client - Company - Region - Country hierarchy

- Click **Administration & Clients**.
- Press **New Client** button.

Home	Websites & Reporting	Scanner	Administration	Developer	Check URL	Help Index	Logout	
New user	Users	Clients	Companies	Regions	Countries			Page Help

Create Client

Client name:

Client description:

Select conclusion groups

- Privacy compliance
- Web site quality
- Interactive behavior
- Accessibility

Create

- Provide new **Client name** and **Client description**.
- **Select conclusion groups** to allow users to check issues in websites for this client.
- Click **Administration & Companies**.
- Press **New Company** button.

Home	Websites & Reporting	Scanner	Administration	Developer	Check URL	Help Index	Logout	
New user	Users	Clients	Companies	Regions	Countries			Page Help

Create Company

Client:

Company name:

Company description:

Create

- Select top **Client** in which new Company resides.
- Provide new **Company name** and **Company description**.
- Click **Administration & Regions**.
- Press **New Region** button.

Create Region

Client:

Company:

Region name:

Create

- Select top **Client** and **Company** in which new Region resides.
- Provide new **Region name**.

- Click **Administration & Countries**.
- Press **New Country** button.

Create Country

Client:

Company:

Region:

Country name:

Create

- Select top **Client**, **Company**, and **Region** in which new Country resides.
- Provide new **Country name**.