

ShakeCast Documentation 3.0

Installation

System Requirements (v3_requirements.html)
Install ShakeCast on Windows (v3_install_shakecast_on_windows.html)
Install ShakeCast on AWS (v3_install_shakecast_on_aws.html)

Release Notes

V3 Release notes (v3_release_notes_3.html)
--

User Guide

User Guide (v3_pages.html)

Technical Guide



Installation (v3_operator_install.html)
System Configuration (v3_operator_config.html)
Customization (v3_operator_custom.html)
Administration (v3_operator_admin.html)
Append. Inventory Format (v3_operator_appenda.html)
Append. Metadata Format (v3_operator_appendb.html)
Append. Utility Scripts (v3_operator_appendc.html)
Append. HAZUS MBT (v3_operator_appendd.html)
Append. MBT Fragility (v3_operator_appende.html)
Append. Template Keywords (v3_operator_appendf.html)


Troubleshooting

V2 to V3 (v3_v2_to_v3.html)
FAQ (v3_faq.html)

Migrate Inventory from ShakeCast V2 to V3

Summary: This page describes steps for migrating from V2 to V3 system.

 Edit me 

ShakeCast  V3 accepts facility inventory in both V2 and V3 format. Even though existing ShakeCast users need to update their inventory to take full advantage of the ShakeCast V3 functions, it is possible to jumpstart the process by loading V2 inventory into the V3 system first.

The new Group function of the ShakeCast V3 system uses the same format as the Profile function of V2. The administrator can use the same profile configuration file for direct upload into the V3 system. It is not possible to export group configuration using the ShakeCast administration interface.

The User function of the ShakeCast V3 system uses the same format as the V2 system. The administrator can use the same profile configuration file for direct upload into the V3 system. However, with the new Group function it is recommended to compile a new user CSV file with proper group definition and association. It is not possible to export full user inventory using the ShakeCast administration interface but basic information.

Depending on the complexity of user's inventory, it generally falls into several categories with increasing difficulties as described in the instructions below.

V2 Inventory in ShakeCast CSV Format Without Custom Facility Type

You are in luck. Just use the V3 upload tool described in the ShakeCast Guide ([./v3_operator_admin.html](#)) to upload individual facility, group, and user inventory.

V2 Inventory in ShakeCast CSV Format With Custom Facility Type

You will need to define custom facility types in the V3 system first then use **Step 1** to upload individual facility, group, and user inventory.



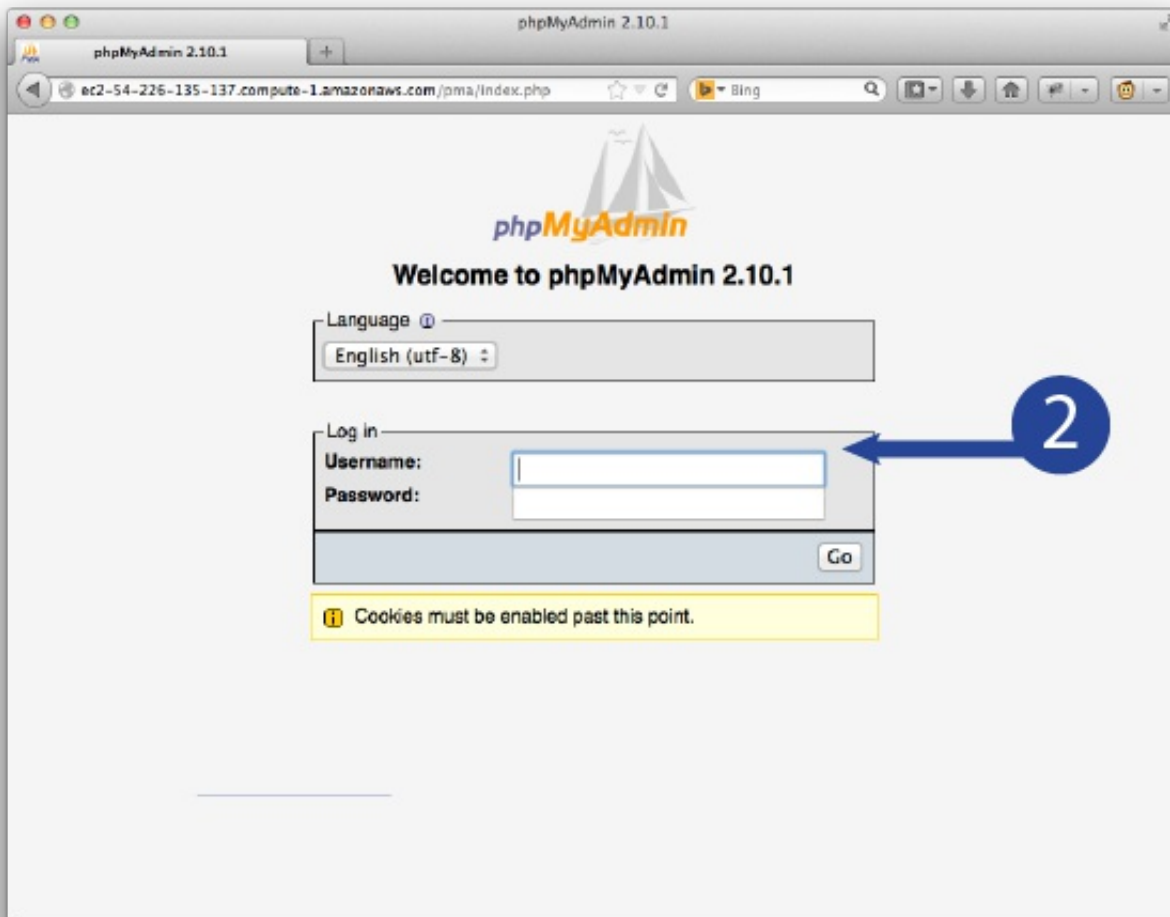
From the ShakeCast V2 administration interface

The screenshot shows the 'ShakeCast Administration' window. An 'Authentication Required' dialog is open, asking for a username and password. The username is 'sgadmin' and the password is masked. The background dashboard includes a 'Welcome' message, a 'Server Status' section showing 'earthquake.usgs.gov' as the upstream server and 'ALIVE' status, and a 'Daily ShakeCast Activities' bar chart. The chart shows activity counts over time, with a legend for various services like 'notLife', 'notStation', 'poll', 'hard', 'slow', and 'dead'. A sidebar on the left lists administrative tasks like 'Admin Index', 'ShakeCast Web', and 'General Admin'.

Change the URL from /admin/index.php to /pma/index.php. Use the ShakeCast administrator credentials for authentication to access the phpMyAdmin database interface

2

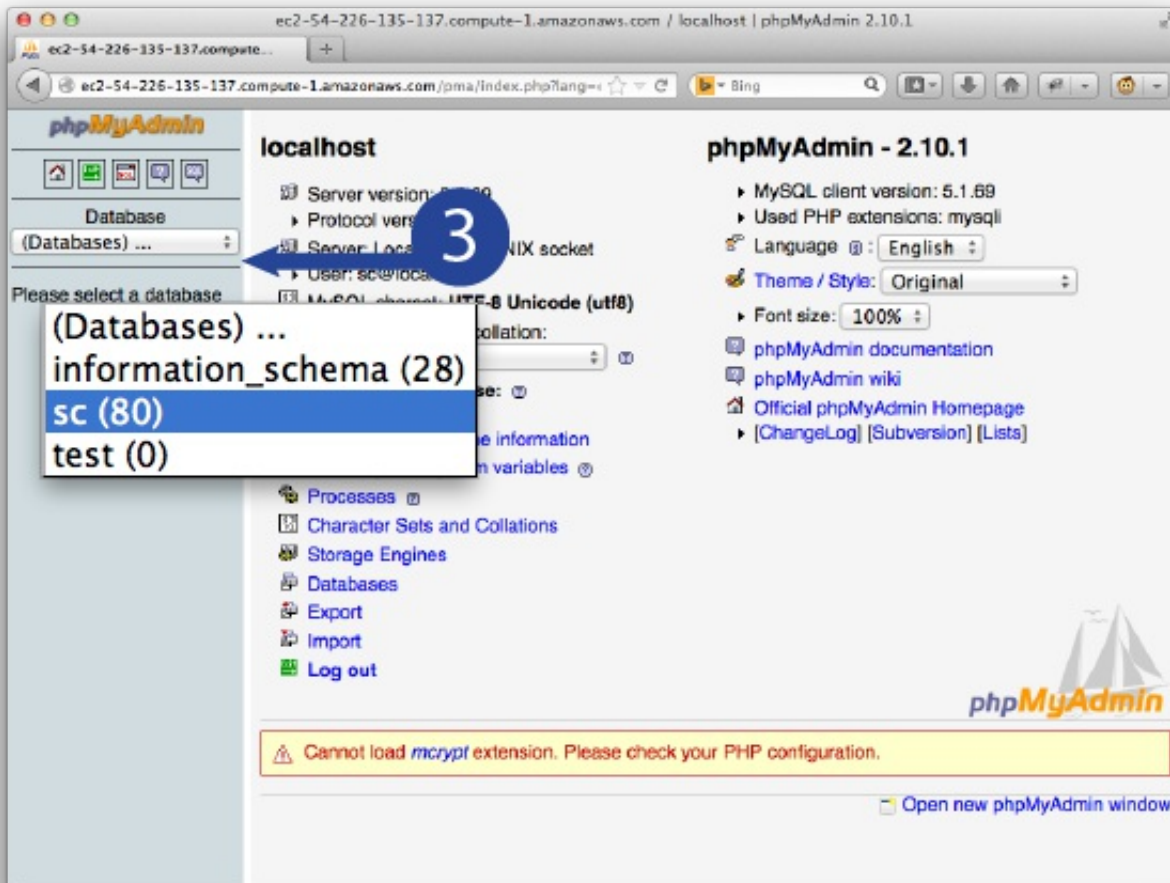
Access the phpMyAdmin database interface



Enter the ShakeCast database credentials, default “sc” for both username and password

Select the ShakeCast database

3



From the phpMyAdmin interface, select the ShakeCast database **sc** from the pull-down panel in the left navigation panel



Select the Facility Type Table

ec2-54-226-135-137.compute-1.amazonaws.com / localhost / sc | phpMyAdmin 2.10.1

ec2-54-226-135-137.compute-1.amazonaws.com/pma/index.php?lang=...

Server: localhost Database: sc

Structure SQL Search Query Export Import Operations

Database: sc (80)

sc (80)

- administrator_role
- aggregation_counted
- aggregation_grouped
- aggregation_measured
- config
- damage_level
- delivery_method
- delivery_status
- dispatch_task
- event
- event_status
- event_type
- facility
- facility_attribute
- facility_feature
- facility_fragility
- facility_fragility_model
- facility_model_shaking
- facility_notification_request
- facility_process
- facility_shaking
- facility_type
- facility_type_attribute
- facility_type_fragility
- geometry_facility_profile
- geometry_profile
- geometry_user_profile
- grid_value
- lognorm_probability
- log_message
- log_message_type
- message_format
- metric
- notification

Table	Action	Records	Type	Collation
administrator_role		0	MyISAM	latin1_swedish_ci
aggregation_counted		1	MyISAM	latin1_swedish_ci
aggregation_grouped		2	MyISAM	latin1_swedish_ci
aggregation_measured		2	MyISAM	latin1_swedish_ci
config		0	MyISAM	latin1_swedish_ci
damage_level		4	MyISAM	latin1_swedish_ci
delivery_method		5	MyISAM	latin1_swedish_ci
delivery_status		7	MyISAM	latin1_swedish_ci
dispatch_task		65,553	MyISAM	latin1_swedish_ci
event		1,321	MyISAM	latin1_swedish_ci
event_status		4	MyISAM	latin1_swedish_ci
event_type		4	MyISAM	latin1_swedish_ci
facility		196	MyISAM	latin1_swedish_ci
facility_attribute		457	MyISAM	latin1_swedish_ci
facility_feature		0	MyISAM	latin1_swedish_ci
facility_fragility		784	MyISAM	latin1_swedish_ci
facility_fragility_model		65	MyISAM	latin1_swedish_ci

From the ShakeCast database view, select the table **facility_type** from the left table list panel

Select Insert New Facility Type Function

5

ec2-54-226-135-137.compute-1.amazonaws.com / localhost / sc / facility_type | phpMyAdmin 2.10.1

ec2-54-226-135-137.compute-1.amazonaws.com/pma/index.php?lang=en

phpMyAdmin

Database: sc (80)

Server: localhost Database: sc Table: facility_type

Browse Structure SQL Search **Insert** Export Import Operations

Empty Drop

Field	Type	Collation	Attributes	Null	Default	Extra
<input type="checkbox"/> FACILITY_TYPE	varchar(10)	latin1_swedish_ci		No		
<input type="checkbox"/> NAME	varchar(32)	latin1_swedish_ci		No		
<input type="checkbox"/> DESCRIPTION	varchar(255)	latin1_swedish_ci		Yes	NULL	
<input type="checkbox"/> UPDATE_USERNAME	varchar(32)	latin1_swedish_ci		Yes	NULL	
<input type="checkbox"/> UPDATE_TIMESTAMP	datetime			Yes	NULL	

Check All / Uncheck All With selected:

Print view Propose table structure

Add 1 field(s) At End of Table At Beginning of Table After FACILITY_TYPE Go

Indexes					Space usage	
Keyname	Type	Cardinality	Action	Field	Type	Usage
PRIMARY	PRIMARY	159		FACILITY_TYPE	Data	8,628 B

Create an index on 1 columns Go

Row Statistics	
Statements	Value
Format	dynamic
Collation	latin1_swedish_ci
Rows	159
Row length	54
Row size	86 B
Creation	Aug 08, 2013 at 03:49 PM
Last update	Aug 10, 2013 at 06:20 PM

6

With the **facility_type** table highlighted, select the **Insert** function near the top of the table schema page

Insert New Facility Type Entries



ec2-54-226-135-137.compute-1.amazonaws.com / localhost / sc / facility_type | phpMyAdmin 2.10.1

Server: localhost Database: sc Table: facility_type

[Browse](#)
[Structure](#)
[SQL](#)
[Search](#)
[Insert](#)
[Export](#)
[Import](#)
[Operations](#)
[Empty](#)

[Drop](#)

Field	Type	Null	Value
FACILITY_TYPE	varchar(10)		
NAME	varchar(32)		
DESCRIPTION	varchar(255)	<input checked="" type="checkbox"/>	
UPDATE_USERNAME	varchar(32)	<input checked="" type="checkbox"/>	
UPDATE_TIMESTAMP	datetime	<input checked="" type="checkbox"/>	

☒ Ignore

Field	Type	Function	Null	Value
FACILITY_TYPE	varchar(10)			
NAME	varchar(32)			
DESCRIPTION	varchar(255)		<input checked="" type="checkbox"/>	
UPDATE_USERNAME	varchar(32)		<input checked="" type="checkbox"/>	
UPDATE_TIMESTAMP	datetime		<input checked="" type="checkbox"/>	

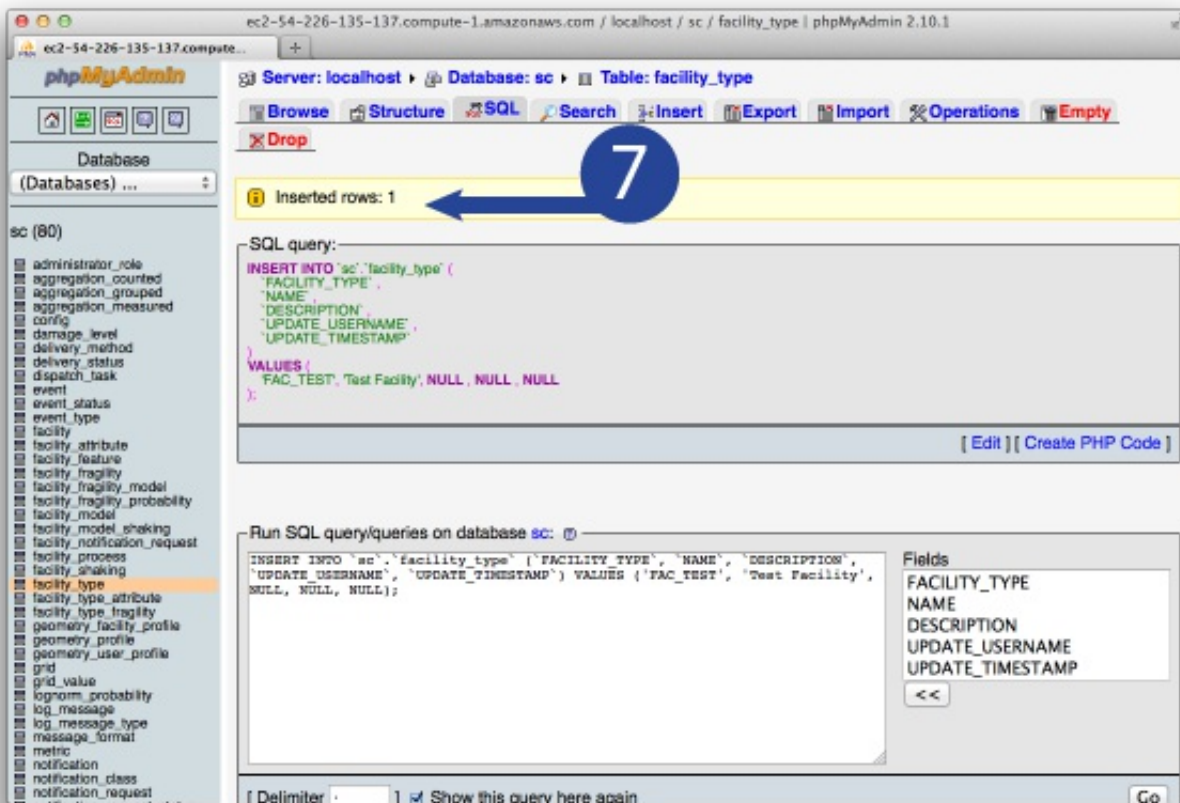
and then

[Open new phpMyAdmin window](#)

Enter required **FACILITY_TYPE** and **NAME** fields for each custom facility type defined in user's ShakeCast V2 system. The other fields are optional.



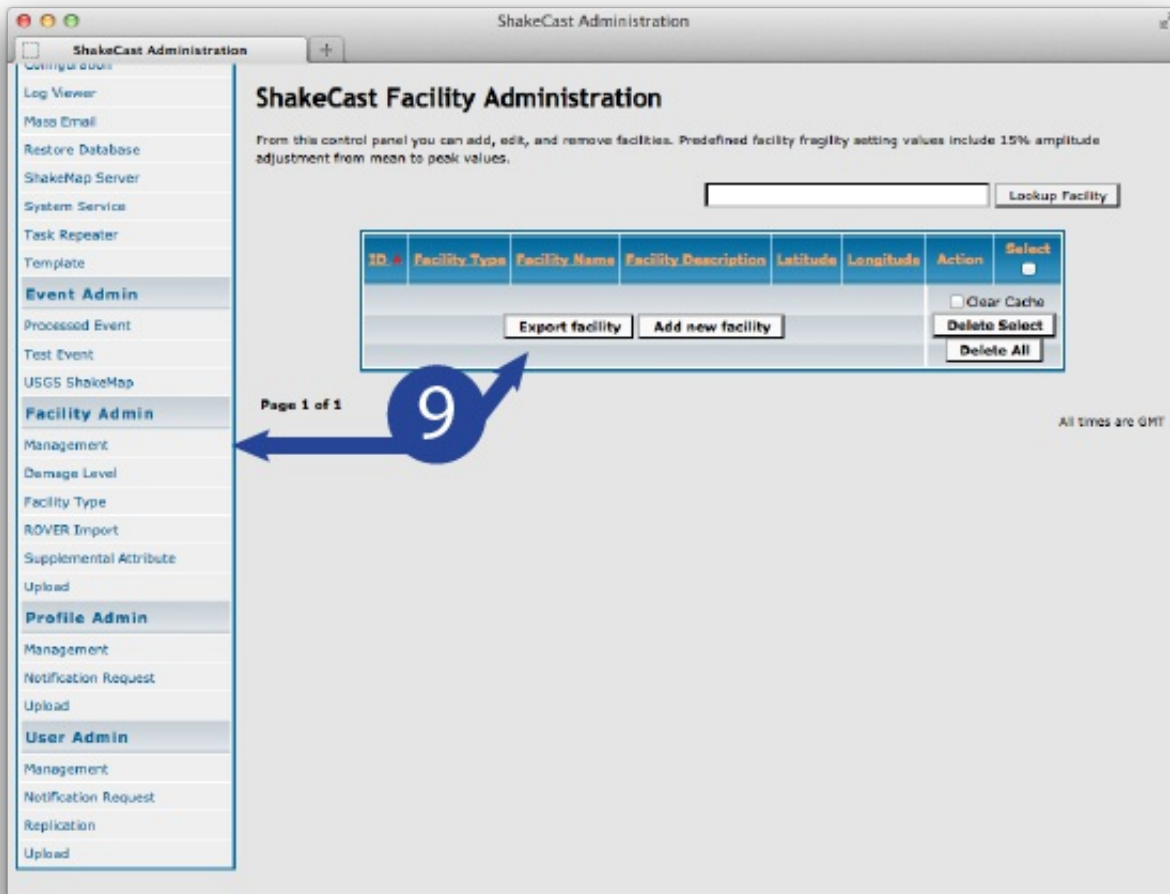
Results of Facility Type Insert



Each **FACILITY_TYPE** entry must be unique. Results of database query will be displayed to verify each facility type insert.



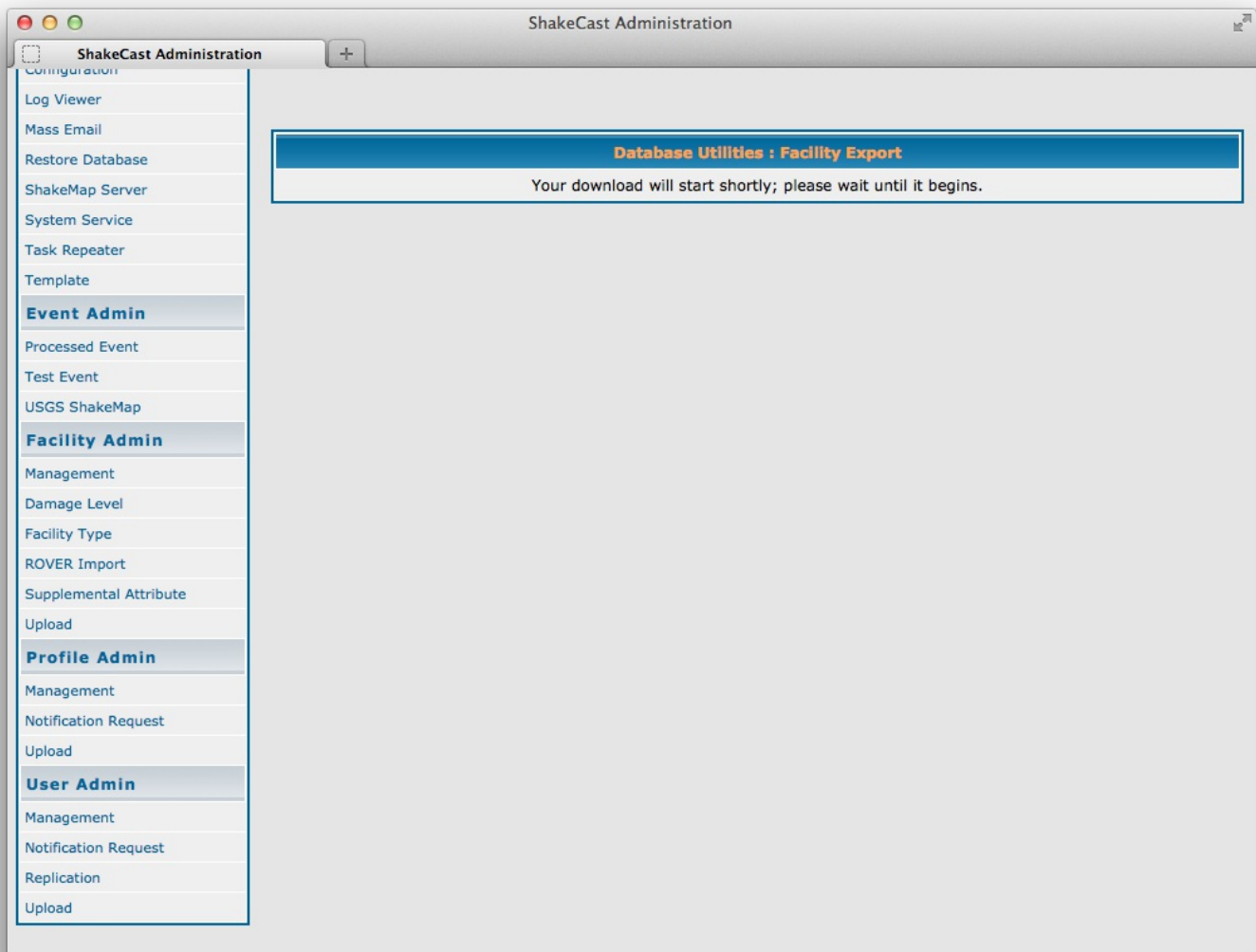
Verify Facility Type Entries from the phpMyAdmin interface

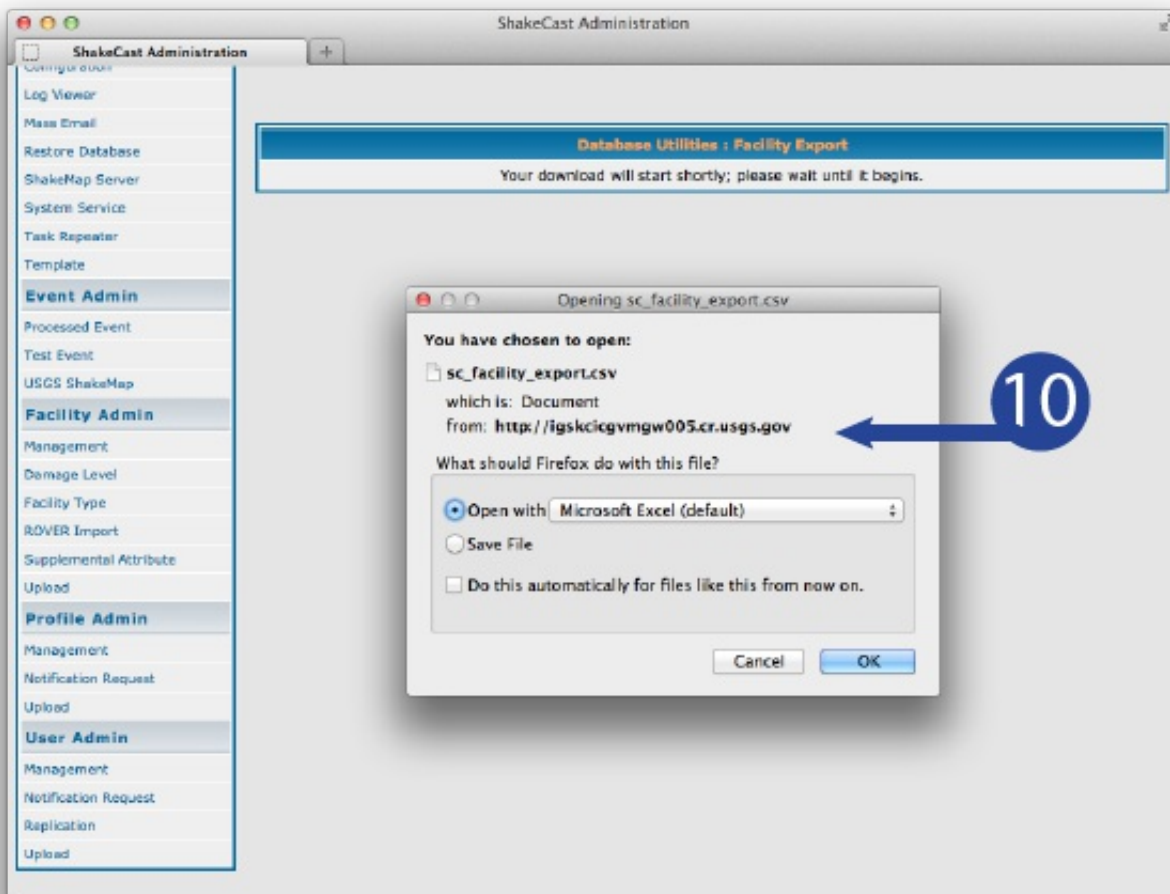


Select Facility Admin **Management** in the left navigation panel and choose the **export facility** function

Save the Facility Export CSV

10





Save the facility export CSV file “sc_facility_export” when prompted for file handling

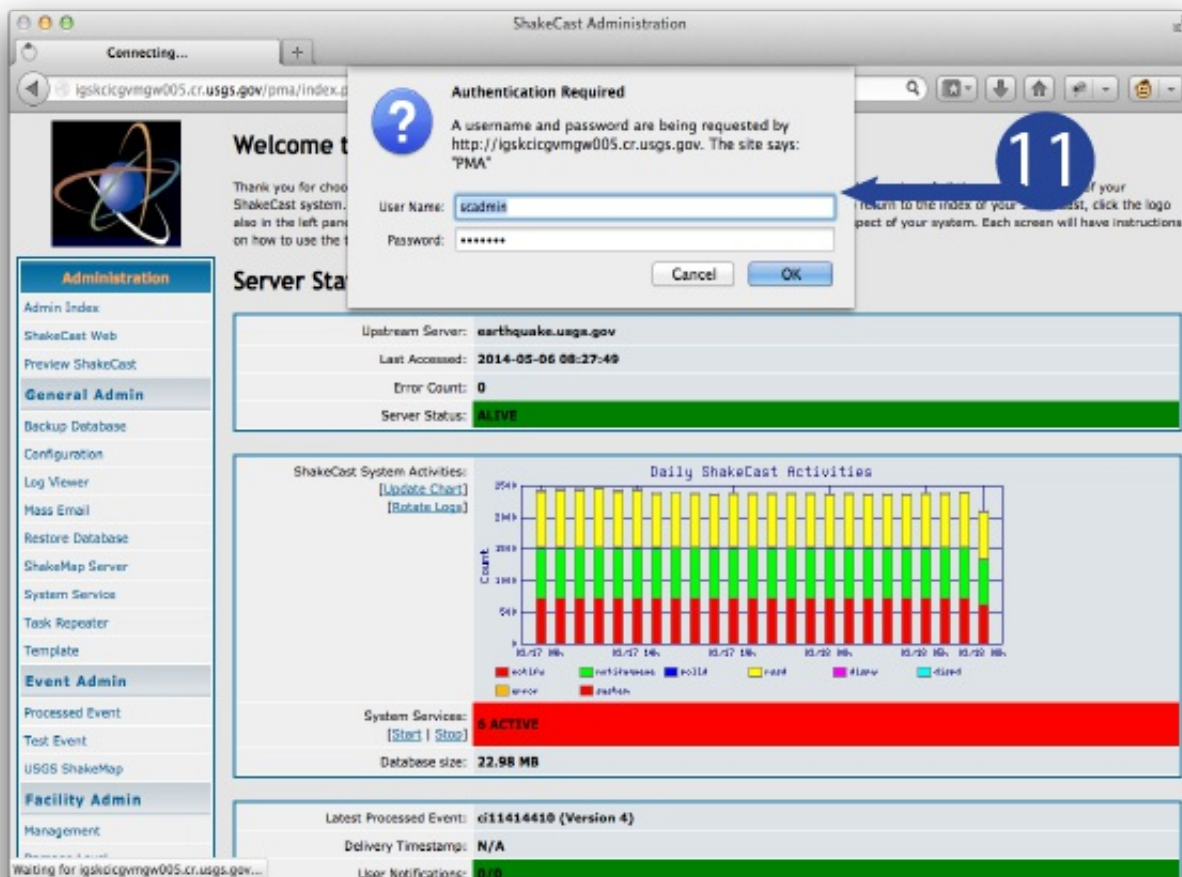
For custom facility types, follow **Step 2** to create custom facility types

Follow **Step 1** to upload facility inventory

Export Basic User Information from the ShakeCast V2 system

From the ShakeCast V2 administration interface

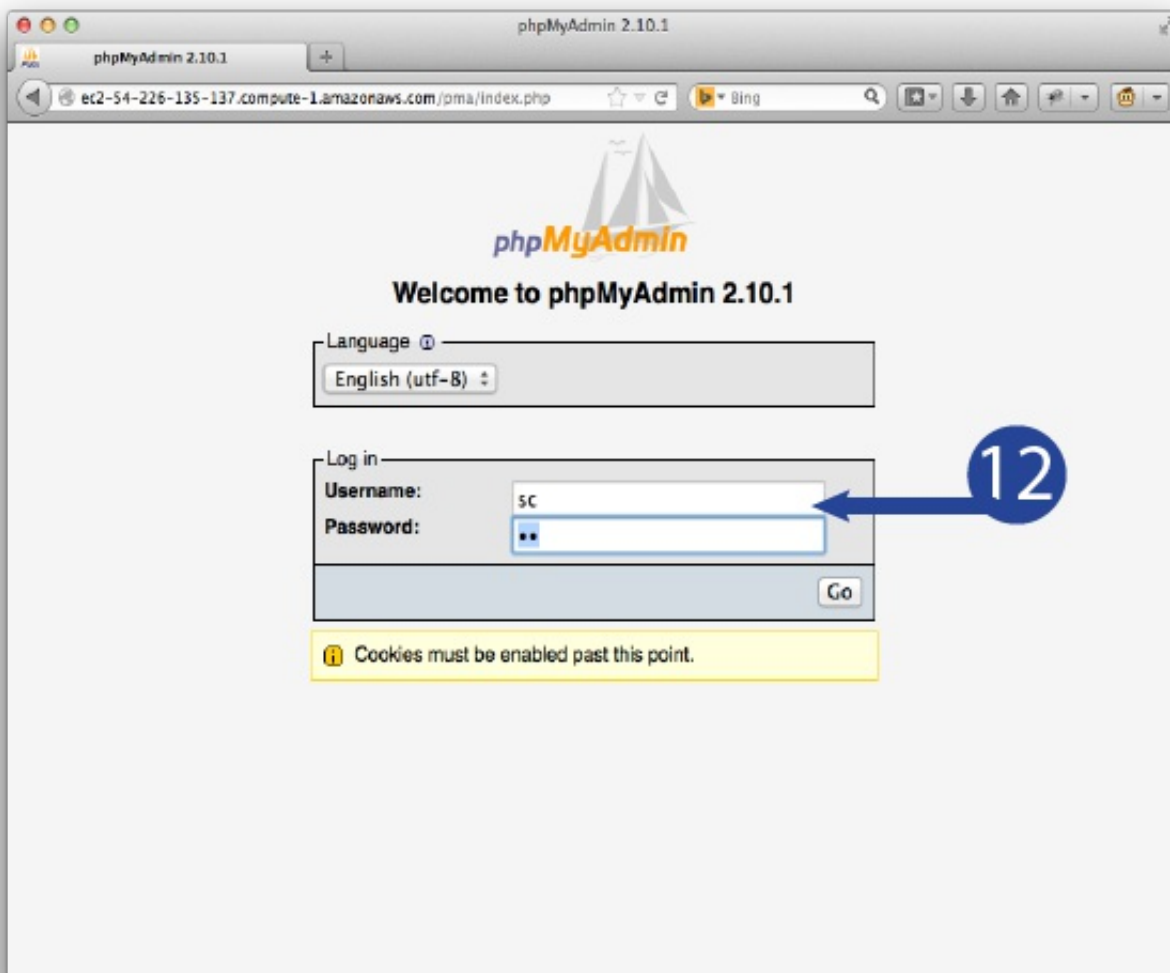
11



Change the URL from /admin/index.php to /pma/index.php. Use the ShakeCast administrator credentials for authentication to access the phpMyAdmin database interface

12

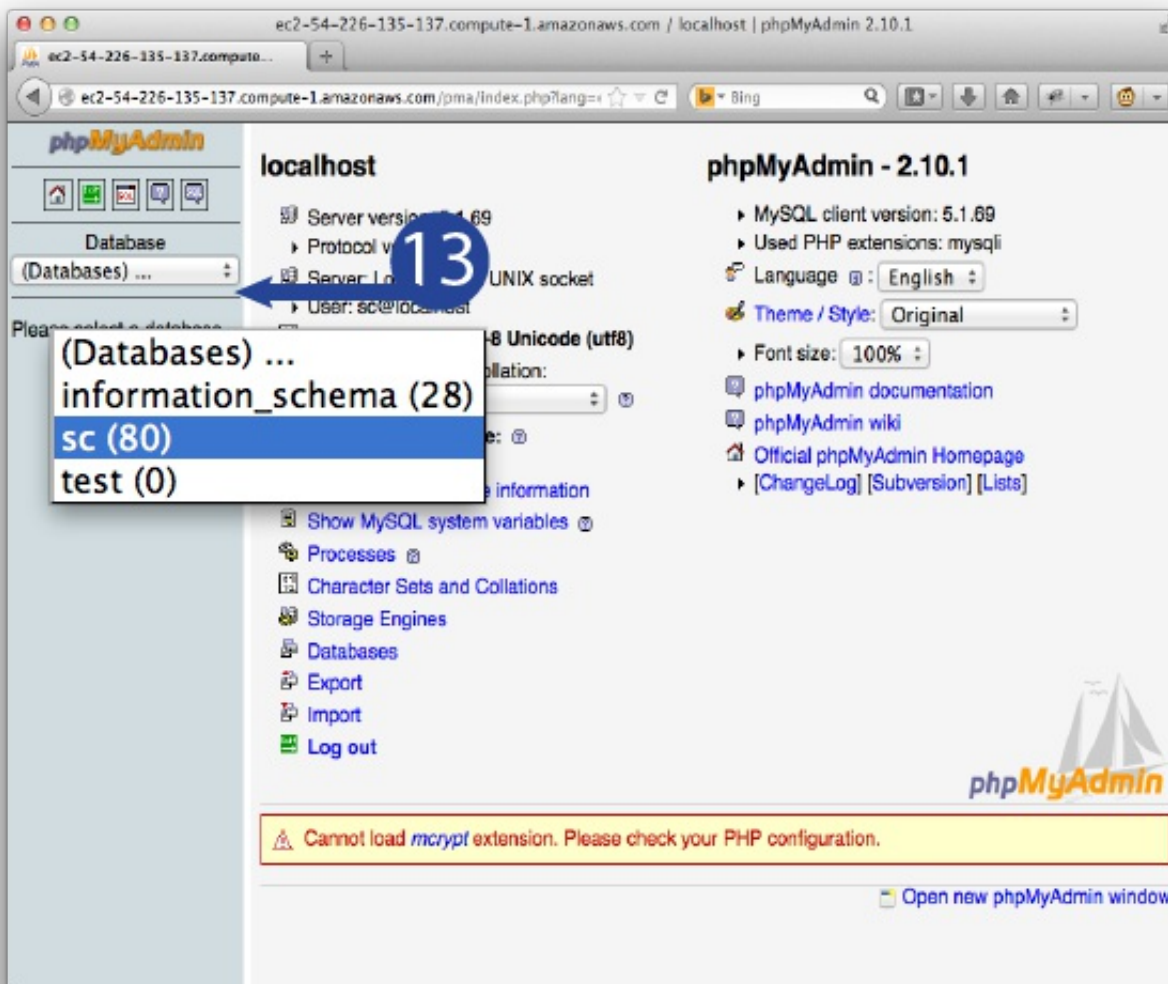
Access the phpMyAdmin database interface



Enter the ShakeCast database credentials, default “sc” for both username and password

Select the ShakeCast database

13



From the phpMyAdmin interface, select the ShakeCast database **sc** from the pull-down panel in the left navigation panel

Select the ShakeCast User Table

14

ec2-54-226-135-137.compute-1.amazonaws.com / localhost / sc / shakecast_user | phpMyAdmin 2.10.1

Server: localhost Database: sc Table: shakecast_user

[Browse](#)
[Structure](#)
[SQL](#)
[Search](#)
[Insert](#)
[Export](#)
[Import](#)
[Operations](#)

[Empty](#)
[Drop](#)

Field	Type	Collation	Attributes	Null	Default	Extra
<input type="checkbox"/> SHAKECAST_USER	int(11)			No		auto_increme
<input type="checkbox"/> EMAIL_ADDRESS	varchar(255)	latin1_swedish_ci		Yes	NULL	
<input type="checkbox"/> PHONE_NUMBER	varchar(32)	latin1_swedish_ci		Yes	NULL	
<input type="checkbox"/> FULL_NAME	varchar(32)	latin1_swedish_ci		Yes	NULL	
<input type="checkbox"/> PASSWORD	varchar(64)	latin1_swedish_ci		Yes	NULL	
<input type="checkbox"/> USERNAME	varchar(32)	latin1_swedish_ci		Yes	NULL	
<input type="checkbox"/> USER_TYPE	varchar(10)	latin1_swedish_ci		No		
<input type="checkbox"/> UPDATE_USERNAME	varchar(32)	latin1_swedish_ci		Yes	NULL	
<input type="checkbox"/> UPDATE_TIMESTAMP	datetime			Yes	NULL	

[Check All / Uncheck All](#)
With selected:
 [\[icon\]](#)
[\[icon\]](#)
[\[icon\]](#)
[\[icon\]](#)
[\[icon\]](#)
[\[icon\]](#)

[Print view](#)
[Propose table structure](#)

Add 1 field(s)
 ☐ At End of Table
 ☐ At Beginning of Table
 ☐ After SHAKECAST_USER
 [Go](#)

Indexes:

Keyname	Cardinality	Action	Field
PRIMARY PR	4	[icon] [icon]	SHAKECAST_USER

Create an index on 1 columns [Go](#)

Space usage

Type	Usage
Data	304 B
Index	2,048 B
Total	2,352 B

Row Statistics

Statements	Value
Format	dynamic
Collation	latin1_swedish_ci
Rows	4

From the ShakeCast database view, select the table **shakecast_user** from the left table list panel

Select Export Function

15

ec2-54-226-135-137.compute-1.amazonaws.com / localhost / sc / shakecast_user | phpMyAdmin 2.10.1

Server: localhost Database: sc Table: shakecast_user

[Browse](#)
[Structure](#)
[SQL](#)
[Search](#)
[Insert](#)
[Export](#)
[Import](#)
[Operations](#)

[Empty](#)
[Drop](#)

	Field	Type	Collation	Attributes	Null	Default	Extra
<input type="checkbox"/>	SHAKECAST_USER	int(11)			No		auto_increment
<input type="checkbox"/>	EMAIL_ADDRESS	varchar(255)	latin1_swedish_ci		Yes	NULL	
<input type="checkbox"/>	PHONE_NUMBER	varchar(32)	latin1_swedish_ci		Yes	NULL	
<input type="checkbox"/>	FULL_NAME	varchar(32)	latin1_swedish_ci		Yes	NULL	
<input type="checkbox"/>	PASSWORD	varchar(64)	latin1_swedish_ci		Yes	NULL	
<input type="checkbox"/>	USERNAME	varchar(32)	latin1_swedish_ci		Yes	NULL	
<input type="checkbox"/>	USER_TYPE	varchar(10)	latin1_swedish_ci		No		
<input type="checkbox"/>	UPDATE_USERNAME	varchar(32)	latin1_swedish_ci		Yes	NULL	
<input type="checkbox"/>	UPDATE_TIMESTAMP	datetime			Yes	NULL	

[Check All / Uncheck All](#)
With selected:
 [Insert](#)
[Update](#)
[Delete](#)
[Batch](#)

[Print view](#)
[Propose table structure](#)

Add 1 field(s)
 ☐ At End of Table
 ☐ At Beginning of Table
 ☐ After SHAKECAST_USER
 [Go](#)

Indexes				
Keyname	Type	Cardinality	Action	Field
PRIMARY	PRIMARY	4	Edit Delete	SHAKECAST_USER

Create an index on 1 columns [Go](#)

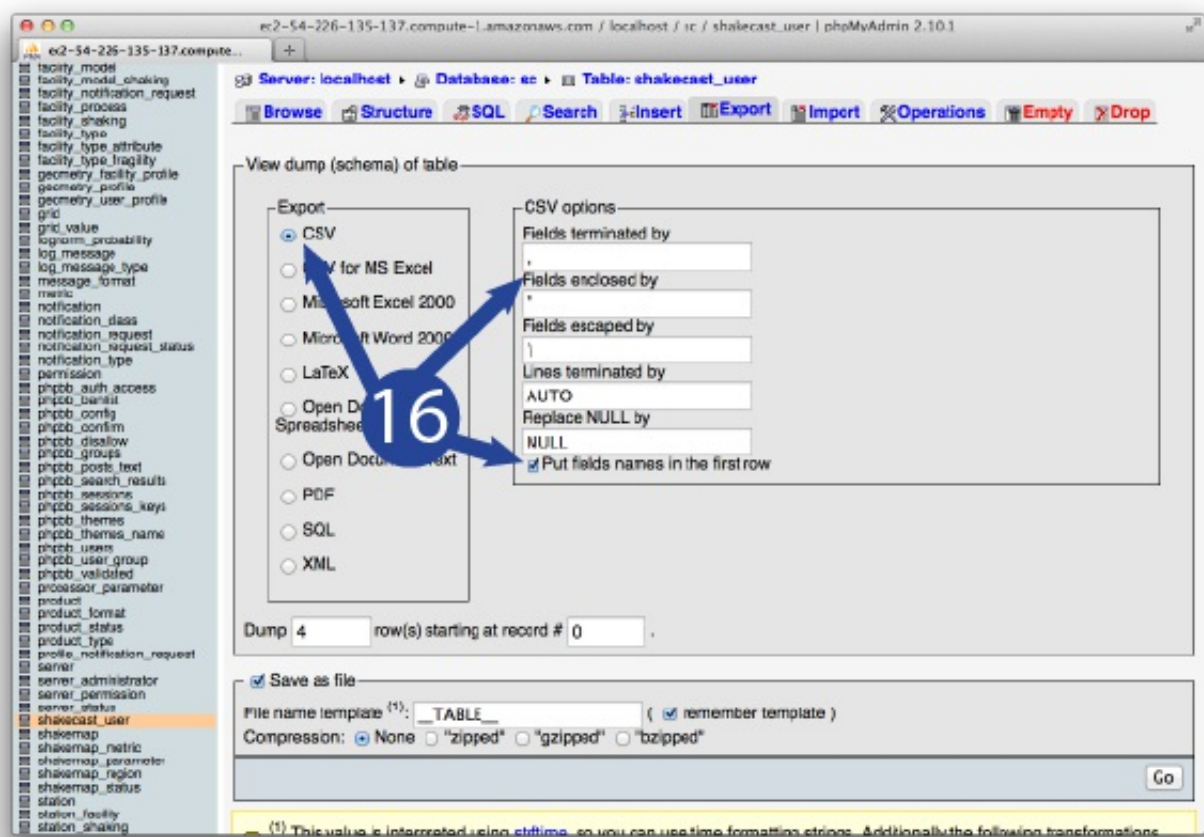
Space usage	
Type	Usage
Data	304 B
Index	2,048 B
Total	2,352 B

Row Statistics	
Statements	Value
Format	dynamic
Collation	latin1_swedish_ci
Rows	4

With the **shakecast_user** table highlighted, select the **Export** function near the top of the table schema page

Save User Inventory with Basic Information

16



To save the user file in CSV format, choose the **CSV** option, “,” as field termination, check to include the header line, and save the output into a file.

☐:

Tags: troubleshooting (tag_troubleshooting)

shakecast_v3 (tag_shakecast_v3)

©2016 U.S. Geological Survey. All rights reserved.

Page last updated: July 3, 2016

Site last generated: Nov 15, 2016

