uri Module

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Chapter 1. User's Guide

1.1. Overview

Various checks related to SIP URI.

1.2. Dependencies

1.2.1. SER Modules

The following modules must be loaded before this module:

- *a SER database module*.

1.2.2. External Libraries or Applications

The following libraries or applications must be installed before running SER with this module loaded:

- *None*.

1.3. Exported Parameters

1.3.1. `db_url` (string)

URL of the database to be used.

Default value is "sql://serro:47serro11@localhost/ser".

Example 1-1. Set `db_url` parameter

```
...
modparam("module", "db_url", "sql://username:password@localhost/ser")
...
```

1.3.2. `uri_table` (string)

Table containing list of allowed URIs for each user.

Default value is "uri".

Example 1-2. Set `uri_table` parameter

```
...
modparam("module", "uri_table", "uri")
...
```

1.3.3. `uri_user_column` (string)

Column holding usernames in the URI table.

Default value is "username".

Example 1-3. Set `uri_user_column` parameter

```
...
modparam("module", "uri_user_column", "username")
...
```

1.3.4. `uri_domain_column` (string)

Column holding domain in the URI table.

Default value is "domain".

Example 1-4. Set `uri_domain_column` parameter

```
...
modparam("module", "uri_domain_column", "domain")
...
```

1.3.5. `uri_uriuser_column` (string)

Column holding URI username in the URI table.

Default value is "uri_user".

Example 1-5. Set `uri_uriuser_column` parameter

```
...
modparam("module", "uri_uriuser_column", "uri_user")
...
```

1.3.6. `subscriber_table` (string)

Name of the subscriber table.

Default value is "subscriber".

Example 1-6. Set `subscriber_table` parameter

```
...
modparam("module", "subscriber_table", "subscriber")
...
```

1.3.7. `subscriber_user_column` (string)

Column holding username in subscriber table.

Default value is "username".

Example 1-7. Set `subscriber_user_column` parameter

```
...
modparam("module", "subscriber_user_column", "username")
...
```

1.3.8. `subscriber_domain_column` (string)

Column hodling domains in the subscriber table.

Default value is "domain".

Example 1-8. Set `subscriber_domain_column` parameter

```
...
modparam("module", "subscriber_domain_column", "domain")
...
```

1.4. Exported Functions

1.4.1. `is_user(username)`

Check if the username in credentials matches the given username.

Meaning of the parameters is as follows:

- *username* - Username string.

Example 1-9. `is_user` usage

```
...
if (is_user("jan")) {
    ...
};
...
```

1.4.2. `check_to()`

Check To username against URI table or digest credentials.

Example 1-10. `check_to` usage

```
...
if (check_to()) {
    ...
};
...
```

1.4.3. `check_from()`

Check From username against URI table or digest credentials.

Example 1-11. `check_from` usage

```
...
if (check_from()) {
    ...
};
...
```

1.4.4. `does_uri_exist()`

Check if username in the request URI belongs to an existing user.

Example 1-12. `does_uri_exist` usage

```
...
if (does_uri_exist()) {
    ...
};
...
```

Chapter 2. Developer's Guide

The module does not provide any sort of API to use in other SER modules.

Chapter 3. Frequently Asked Questions

1. Where can I find more about SER?

Take a look at http://iptel.org/ser.

2. Where can I post a question about this module?

First at all check if your question was already answered on one of our mailing lists:

- http://mail.iptel.org/mailman/listinfo/serusers
- http://mail.iptel.org/mailman/listinfo/serdev

E-mails regarding any stable version should be sent to <serusers@iptel.org> and e-mail regarding development versions or CVS snapshots should be send to <serdev@iptel.org>.

If you want to keep the mail private, send it to <serhelp@iptel.org>.

3. How can I report a bug?

Please follow the guidelines provided at: http://iptel.org/ser/bugs