

# Security

## Users

You can securise your topic and ntfy instance by only allowing connected users. For that follow the next instructions:

- add to your docker-compose the following

environment:

```
NTFY_ENABLE_LOGIN: true          # Enable the login module
NTFY_AUTH_FILE: /var/lib/ntfy/auth.db  # Create the users/ACL database
NTFY_AUTH_DEFAULT_ACCESS: deny-all    # If the user isn't in an ACL he can't see any topic can be
change by write/read-only
```

- connect to your docker by shell and create your users, the password for the user will be asked after hit enter for the command

```
ntfy user add --role=<admin/user> <username>
```

## ACL

To allow your user to use the different topics you can setup ACLs, use the following command:

```
ntfy access <username> <topic> <read/write/read-write/deny>
```

In case you want to manage the existing right of an user you can use the following:

```
ntfy access --reset          # reset all ACLs
ntfy access --reset <username>  # reset all ACLs for a specific user
ntfy access --reset <username> <topic>  # reset ACL for a specific user on a specific topic>
```

# Token

You can create access token to use in app or script, tokens are user specific and you can manage them with the following:

```
ntfy token list                # Shows list of tokens for all users
ntfy token list <username>     # Shows list of tokens for user phil
ntfy token add <username>      # Create token for user phil which never expires
ntfy token add --expires=2d <username>  # Create token for user phil which expires in 2 days
ntfy token remove <username> <token>    # Delete token
```

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Revision #3

Created 13 March 2024 13:47:21 by Makito

Updated 13 March 2024 14:03:02 by Makito