

Openstack users manual

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Openstack user manuals

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OpenStack Services

Documentation for INCD Services available for users

INDICO - events management tool

[INDICO](#) is a open-source tool for events management. It was developed at [CERN \(European Organization for Nuclear Research\)](#) and is developed in python with postgres database.

For more information about INDICO see the reference links:

- [INDICO web page](#)
- [Installation Guides](#)

INCD provides INDICO as a service through the INCD Openstack cloud service.

Available Images

To instantiate an instance of Indico, users just need to create a new instance using one of the available images with the name **INCD_Base-INDICO-x.x.x**, where x.x.x is the version of INDICO available in that image.

Setup INDICO

After instantiating a machine with INDICO, the following configuration steps must be performed:

1. Access the instance and grant root access:

```
[user@local: ~]$ ssh centos@INSTANCE_IP
```

```
[centos@local: ~]$ sudo -i
```

```
[root@local: ~]$
```

2. Update HTTPD (Apache), replace "YOURHOSTNAME" to your domain in the config files:

```
[root@local: ~]$ vi /etc/httpd/conf.d/indico.conf
```

```
[root@local: ~]$ vi /etc/httpd/conf.d/indico-sslredir.conf
```

3. Install the certificate and private key in PKCS12 format at the path and keep the permissions as listed

```
[root@local: ~]$ cd /etc/ssl/indico
```

```
[root@local indico]# ls -la
```

```
total 8
```

```
drwx----- 2 root root 42 Oct 29 13:21 .
```

```
drwxr-xr-x. 3 root root 33 Oct 29 13:21 ..
```

```
-rw-r--r-- 1 root root 1830 Oct 29 13:21 indico.crt
```

```
-rw----- 1 root root 3268 Oct 29 13:21 indico.key
```

4. Update INDICO with your settings, replace "YOURHOSTNAME" with your domain, and setup the mail support in the config file

```
[root@local: ~]$ vi /opt/indico/etc/indico.conf
```

```
# General settings
```

```
BASE_URL = 'https://YOURHOSTNAME'
```

```
# Email settings
```

```
SMTP_SERVER = ('smtp.xpto.pt', 25)
```

```
SMTP_USE_TLS = False
```

```
SMTP_LOGIN = ''
```

```
SMTP_PASSWORD = ''
```

```
SUPPORT_EMAIL = 'support@xpto.pt'
```

```
PUBLIC_SUPPORT_EMAIL = 'public.support@xpto.pt'
```

```
NO_REPLY_EMAIL = 'noreply@xpto.pt'
```

5. Restart service

```
[root@local: ~]$ systemctl restart uwsgi.service httpd.service indico-celery.service
```

6. Setup the ADMIN account by logging in via web

https://YOURHOSTNAME



Hello there!

Indico needs just a little bit more data from you...



Administrator Account

Insert here all basic information needed to create your account.

You can change any extra parameters (like your address or phone number) afterwards by accessing "Account Details" (from "My Profile").



Site configuration

These are the default parameters for your Indico site.

Please note that this information will also be used for your own user profile. You can change it later.

The time zone for the server has been set to Europe/Lisbon and can be modified in `indico.conf`.



Let us know you exist!

Be part of the ever growing Indico community! Choose to receive news on the latest releases (2-3 times per year) as well as important security advisories.

The following data will be sent to the Community Hub:

- Server URL
- Indico version installed (2.2.4)
- Python version used (2.7.5)
- Postgres version used (9.6.15)
- Operating system used (Linux CentOS Linux 7.7.1908)
- Debug mode (disabled)
- Basic statistics (number of events, contributions and users)
- Server default language
- Contact person
- Affiliation of your Indico server

Please note that **no private information** will ever be sent to the Community Hub or the Indico Project and that you can disable it any time (from the "Community Hub" section of the administrative area).

Join the community

☐

Finish