

# CrowdmapID

## Synopsis

CrowdmapID is an authentication and identity management system that provides users with a secure central sign-on facility. It's designed to allow for SSO (Single Sign-On), reputation tracking and easier user management across deployments.

## Architecture

### Application Load Balancer

#### Software

- Ubuntu
- Nginx
- OpenSSL

#### Deployment

1. Run the installation script:

```
wget -qO-  
https://raw.githubusercontent.com/ushahidi/riverid/master/scripts/install-lb.sh | bash
```

2. Edit the configuration file at the following location:

```
/etc/nginx/sites-enabled/riverid
```

3. Install the SSL certificate at the following location:

```
/etc/nginx/ssl/riverid.in.crt
```

4. Install the SSL key at the following location:

```
/etc/nginx/ssl/riverid.in.key
```

5. Load the new configuration:

```
/etc/init.d/nginx reload
```

### Application Cluster Node

#### Software

- Apache HTTP Server
- Ubuntu

- Flask
- Mod\_wsgi
- Postfix
- Pymongo
- Python 2.x

## Deployment

1. Run the installation script:

```
wget -qO-  
https://raw.githubusercontent.com/ushahidi/riverid/master/scripts/install-app.sh |  
bash
```

2. Edit the configuration file at the following location:

```
/var/www/riverid/api/config.py
```

3. Load the new configuration:

```
/etc/init.d/apache2 restart
```

## MongoDB Replication Set Node

### Software

- Ubuntu
- MongoDB

### Deployment

1. Run the installation script:

```
wget -qO-  
https://raw.githubusercontent.com/ushahidi/riverid/master/scripts/install-mongo.sh |  
bash
```

2. Whitelist the IP address of each Application Cluster Node and each other MongoDB Node. Replace `10.1.2.3` and repeat for each:

```
iptables -I INPUT 1 -p tcp --dport 27017 -j ACCEPT -s 10.1.2.3
```

3. After whitelisting the IP addresses, save the firewall configuration for restoration after reboot:

```
iptables-save > /etc/firewall.conf
```

4. Configure the Replication Set.

# Content Delivery Network

```
http://c290918.r18.cf1.rackcdn.com/  
https://c290918.ssl.cf1.rackcdn.com/
```

## Development

- [GitHub](#)

## Documentation

- [API Documentation](#)

## Localisation

- [Transifex](#)

## License

- [GNU Affero General Public License](#)

## Support

- [SwiftRiver Mailing List](#)

## See Also

- [Ushahidi](#)