

# How to automatically create accounts using the CLI creation scripts

Applies to VoipNow 3 and higher!

When a VoipNow administrator wants to deploy in rapid manner a large number of extensions or even organizations , it is much faster to use the CLI scripts described below than the web interface.

This knowledge base article describes the steps you have to follow when using CLI, while also providing an use case for a better understanding of the process.

## CLI utilities

In order to create a user from the command line interface, you need to use two scripts located in the `/usr/local/voipnow/bin` folder:

- `account.sh` - It creates the Service Provider, Organization, User accounts.
- `accountprefs.sh` - It sets up various settings without which the entities created with `account.sh` would be limited in use.
- `extension.sh` - It creates the extensions.

While you can create Service providers, Organizations, Users and extensions of various kinds, at the moment you cannot set up a charging plan using the existing CLI scripts.

For more information on these scripts, please check the [VoipNow Command Line Interface](#) guide.

## Examples

To get help from any of them, run the following command with the `-h` option:

```
/usr/local/voipnow/bin/account.sh -h
```

To create a Phone terminal extension run:

```
/usr/local/voipnow/bin/extension.sh -c 099 --parent_login test --type term --label "Extension099" --auto
```

In order to create a Queue extension run:

```
/usr/local/voipnow/bin/extension.sh -c 098 --parent_login test --type queue --label "QueueExt" --auto
```

The above examples creates one extension at a time. In order to create multiple extensions, just reuse the scripts above and iterate over the name and number of the created entities.

To easily manage the created extensions, just make use of the numbering conventions:

- 001-099 for Phone terminal extensions.
- 101-150 for Queue extensions.
- 151-199 for IVR extensions.
- etc.

## Related articles

- [How to set up a SIP channel to interconnect with Skype for Business account](#)
- [How to enable the Google Sign-In service for VoipNow and Hubgets users](#)
- [How to set up a SIP channel to interconnect with a Vonfone account](#)
- [How to set up a SIP channel to interconnect with a SpeakUp account](#)
- [How to configure sharing policies for a user account](#)