Anaconda Web UI

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Web UI & F37
Anaconda Web UI preview

An unofficial image demonstrating the Web UI

- For testing purposes only, do not use on a machine/VM with any important data on disks
- Will be released a bit after Fedora 37 finally goes GA
- Will install a minimal F37 system built from F37 content
- Main focus is on the Web UI, not really on the installed system - a way for the community to provide feedback
- Will be announced by a blog post and in the regular Fedora channels
- Not an one-off release, the image will be updated with latest Web UI work in regular intervals
Recent tweaks
Language selection

Improved based on user feedback
Disk scanning
Better feedback & easier disk selection

![Anaconda installer Pre-release](image)

**Installation destination**
Select the device(s) to install to. The installation requires 1.30 GB of available space. Storage will be automatically partitioned. Learn more about your storage options.

Local standard disks

<table>
<thead>
<tr>
<th>Name</th>
<th>ID</th>
<th>Total</th>
<th>Free</th>
</tr>
</thead>
<tbody>
<tr>
<td>sda</td>
<td>ATA QEMU HARDDISK</td>
<td>21.5 GB</td>
<td>2.06 MB</td>
</tr>
<tr>
<td>sdb</td>
<td>ATA QEMU HARDDISK</td>
<td>4.29 GB</td>
<td>2.06 MB</td>
</tr>
</tbody>
</table>
Installation progress
Making it clear how far we have got

Software installation: Storage configuration complete. The software is now being installed onto your device.

- Storage configuration: Completed
- Software installation: In progress (installing software 67%)
- System configuration: Pending
- Finalization: Pending
Under the hood
Image builder & Web UI images

One of the first Fedora images built by Image builder

- the Image Builder service can now build Anaconda Web UI images
- still the same “preview” layout with embedded payload tarball
- in the future we would like to generate per PR images via Image Builder for better PR review and feedback gathering
Next steps
Next steps

Already in the mockup stage

- the next screen we will add will be user & root setup
  - root, user or root + user
  - including advanced user settings
- after that, time and date is likely the next screen
  - show current time
  - timezone config
  - manual time entry support
User & root configuration

User creation and root password configuration

PF card-based selection: User account selected

Welcome

2. Account settings

3. Installation destination

4. Review and install

Account settings
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Learn more about user and root accounts.

How would you like to log into the installed system?

User account with administrator rights
Allows you to use the `sudo` command to perform tasks normally only available to the root account.

1. Recommended

Root account
Has virtually unlimited access to all programs, files, and resources on a system, but may pose a security threat.

⚠ Security risk

User and root account
Create both a user account and a root account, with the option to add or remove the wheel group.

Next  Back  Quit
User & root configuration

User creation and root password configuration

Client side validation error

Account settings

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Learn more about user and root accounts.

Warning: The root account has virtually unlimited access on a system. It is disabled by default to prevent unintended access to the system. To enable the account, you must create a root password.

Root account

Root password

Must be at least 8 characters

Confirm password

Password

Must match

Next  Back  Quit
User & root configuration

User creation and root password configuration

Account settings
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Learn more about user and root accounts.

User account
Full name
John Smith

Your graphical login manager will use the full name for login.

Username *
janith

Password

- Must be at least 8 characters

Confirm password

- Must match

Show advanced user settings

Next  Back  Quit
Date and time configuration

Showing the important bits

WIP - Network time by default?

1. Welcome
2. Data and time
3. Account settings
4. Installation setup
5. Review and install

Date and time
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Learn more

Review date and time settings
Lorem ipsum dolor sit amet, consectetur adipiscing elit.

- Network time: On
- Today: Tuesday, March 01, 2022
- Time: 16:29
- Time format: 24H
- Time zone: New York, Americas (EST), UTC-4

https://www.patternfly.org/v4/components/calendar-month
https://projects.wojtekmaj.pl/react-clock/
Partitioning

Looking into 3 kinds of partitioning

- automated no-questions-asked partitioning
  - already in place
- guided context-based partitioning
  - users selects a partitioning scenario based on available disks & data
- manual partitioning
  - user assembles storage layout manually
Questions ?
"Problems only use Anaconda."

An ancient Bugzilla wisdom