

Fedora Server Doc Page Proposal

Just for (related) information

- Our WG Wiki page: <https://fedoraproject.org/wiki/Server>
- Our SIG Wiki page: <https://fedoraproject.org/wiki/SIGs/Server>
- IoT docs box: <https://docs.fedoraproject.org/en-US/iot/>
- CoreOS docs box: <https://docs.fedoraproject.org/en-US/fedora-coreos/>

The items are numbered to facilitate discussion on IRC or the mailing list.

Landing Page

1 **Our Mission** (from PRD)

(maybe vision statement and mission statement combined into one short paragraph)

2 **Why use Fedora Server and For Whom It Is?**

(short description / ,appetiser‘ & link to wiki page(s))

to decide: include a paragraph about difference / relationship to cloud, CoreOS, IoT, etc.?

3 **What’s cooking**

3.1 2 – 3 kind of projects someone of us is working on (e.g. currently we are preparing F34, evaluating oomd, arn’t we?)

3.2 to be updated about every 6 months

4 **What you will find here**

4.1 **To be decided:**

4.1.1 „**Getting started**“ / installation guide

4.1.1.1 will we provide our own here

4.1.1.2 will we contribute / improve the general Installation guide (and is there a chance to get this done in a reasonable time frame (no of stakeholders?))
cf. <https://docs.fedoraproject.org/en-US/fedora/f33/install-guide/>

4.1.1.2.1 Will it possibly be too complex and confusing to expand the installation guide, is a combination by cross-references possible / feasible?

4.1.2 Missing topics are among others: prepare disk partitioning, select source (Server vs. Minimal), etc.

4.2 server specific docs / **system administration**

(short description / ,appetiser‘)

4.2.1 basic system administration

4.2.1.1 **to be decided:**

4.2.1.1.1 will we provide our own here

4.2.1.1.2 will we contribute to / expand the general Installation guide (cf. <https://docs.fedoraproject.org/en-US/fedora/f33/system-administrators-guide/> or a combination, see above installation guide

4.2.2 various **specific system administration** tasks

4.3 example use cases

(short description / ,appetiser‘)

- 4.4 Troubleshooting guide
(short description)

5 How you can contribute

- 5.1 Please, tell us about your usage of Fedora Server
- 5.2 Tell us about problems you found and how you resolved it
- 5.3 We have to establish an easy way / low entry barriers to contact and contribute. Server Mailing list, of course, but you have to subscribe. Can we establish a mail address which is forwarded to mailing list (spam issue), or a contact group? Interactiv contact form on the landing page? Or can we establish a kind of blog with a comment functionality?

6 Where else you find related information

- 6.1 System administration guide
- 6.2 wiki pages
- 6.3 general ongoing work / change request?

Navigation Bar

1. Fedora Server Documentation
2. Fedora Server example use cases / Tutorials
3. Trouble shooting guide / known issues
4. People, policies, and working methods

Server Specific Documentation

1 Basic system administration

(to be decided upon, see above)

2 Specific system administration

2.1 Options to Enhance Security

- 2.1.1 don't deactivate selinux, but resolve issues / how to resolve (link to Cockpit page and description how to resolve on CLI)
- 2.1.2 fail2ban (short step-by-step installation guide the Fedora way)
- 2.1.3 deactivate ssh password login for all users but a small number of fallbacks (short guide ho to do)
- 2.1.4 Reduce the number of system users
 - 2.1.4.1 If certain system users are required, move each (or all) to a lightweight system container, e.g. systemd-nspawn, or even a (semi-lightweight) VM (Cloud Image)
- 2.1.5 Would be nice to offer some configurable Ansible scripts for those repetitive tasks (downloadable from server-wg home page) or links to existing script at github system roles und a guide how to use that script for this purpose

2.2 Cockpit

- 2.2.1 recommended documentation for specific types of installation / use case
- 2.2.2 how to secure access / login page
 - 2.2.2.1 Integration into fail2ban?
 - 2.2.2.2 Access via ssh tunnel
- 2.2.3 How to use to resolve selinux issues
- 2.2.4 How manage storage
- 2.2.5 How install VM (Alternative to remote virt-manager, some usage differences, e.g. network, some options omitted compared to virt-manager)

2.3 Further topics of this kind to be added

Fedora Server example use cases / Tutorials

- 1 Setup a Fedora Local Home Server, including
 - 1.1 Security considerations
 - 1.2 Considerations organizing storage
 - 1.3 Configuring local network
 - 1.4 file services Windows. Apple, Fedora Workstation
 - 1.5 media server
 - 1.6 (personal web server, perhaps rather a bit off the mark)
 - 1.7 Again, probably providing a configurable / adaptable Ansible playbook
- 2 Setup a Home Server Mail Service
(items according above)

Trouble shooting guide / known issues

Some examples from latest discussions

1. The well known BIOSboot partition issue
2. systemd-oomd and httpd / jBoss/wildfly
3. UEFI – one ESP for /boot/efi requirement in software RAID 1 / RAID x

People, Policies, and Working Methods

(We should make the working group more "tangible" and transparent, not just refer to an (anonymous) mailing list.

- 1 SIG / Link to SIG Wiki
 - 1.1 Members of SIG
- 2 WG / Link to WG Wiki
 - 2.1 Members of WG incl. Tasks / area of commitment
 - 2.1.1 Governance Charter
- 3 Product Requirement Document
- 4 Various other suitable contents of the Fedora Server Wiki pages