Fedora Server Doc Page Proposal

Just for (related) information

- Our WG Wiki page: [https://fedoraproject.org/wiki/Server](https://fedoraproject.org/wiki/Server)
- Our SIG Wiki page: [https://fedoraproject.org/wiki/SIGs/Server](https://fedoraproject.org/wiki/SIGs/Server)
- IoT docs box: [https://docs.fedoraproject.org/en-US/iot/](https://docs.fedoraproject.org/en-US/iot/)
- CoreOS docs box: [https://docs.fedoraproject.org/en-US/fedora-coreos/](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, aren’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?)
   - 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/](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