Example Document

Alex Hirsch
2015-01-01

1 Headings

1.1 Level 2 Heading

Unnumbered Level 2 Heading

1.1.1 Level 3 Heading

2 Pargraphs

Cras congue rutrum sodales. Sed a posuere felis, nec ornare urna. Aliquam sed hendrerit nisl. Donec in metus nec nulla dictum mollis ut ut velit. Cras congue rutrum sodales. Sed a posuere felis, nec ornare urna. Aliquam sed hendrerit nisl. Donec in metus nec nulla dictum mollis ut ut velit.

Cras congue rutrum sodales. Sed a posuere felis, nec ornare urna. Aliquam sed hendrerit nisl. Donec in metus nec nulla dictum mollis ut ut velit. Cras congue rutrum sodales. Sed a posuere felis, nec ornare urna. Aliquam sed hendrerit nisl. Donec in metus nec nulla dictum mollis ut ut velit. Sed a posuere felis, nec ornare urna. Aliquam sed hendrerit nisl. Donec in metus nec nulla dictum mollis ut ut velit.

Cras congue rutrum sodales. Sed a posuere felis, nec ornare urna. Aliquam sed hendrerit nisl. Donec in metus nec nulla dictum mollis ut ut velit. Cras congue rutrum sodales. Sed a posuere felis, nec ornare urna. Aliquam sed hendrerit nisl. Donec in metus nec nulla dictum mollis ut ut velit.

3 Markup

Lorem *ipsum* dolor **sit** amet, consectetur adipiscing ~~elit~~. Suspendisse ^{ut} m_{agn}a tortor. `Nulla` tempus “hendrerit” efficitur. Fusce elit lorem, sollicitudin sed consequat vitae, laoreet non nibh. Vivamus[1] tempus, urna[2] nec vehicula[3] sollicitudin, purus elit facilisis turpis, et sollicitudin metus orci ac enim. Nullam consectetur mauris nunc, ut semper justo egestas id. Pellentesque vel suscipit quam. Morbi nulla enim — mollis at aliquet sit amet, tempus eu urna. Diffie–Hellman, 1–5, Some-thing-other-less-important http://w4rh4wk.github.io.

4 References

4.1 Cross References

Reference to this header or directly to Cross References.

4.2 Quotation

> Sed in eros condimentum, consequat diam vel, lacinia mauris. Sed facilisis dapibus urna, et pulvinar libero iaculis sit amet. Morbi convallis lacinia mi, a convallis ex auctor sed.
> — Somebody

[1] Footnote 1
[2] Footnote with longer reference
[3] inline footnote

4.3 Citation

Blah Blah [see 4]

Blah Blah [1]

Blah Blah [2, pp. 33–35]

Something something as defined by Vernam [3].

5 Blocks

5.1 Pre

```
# cifs origin
//192.168.2.101/WBImmobilien  /mnt/origin/WBImmobilien  cifs   ...
//192.168.2.101/finanzen      /mnt/origin/finanzen      cifs   ...
//192.168.2.111/work          /mnt/new/work             cifs   ...
```

5.2 Source Code

```c
#include <stdio.h>
#include <stdlib.h>

int main(int argc, char *argv[]) {

    for (int i = 1; i < argc; i++) {
        printf("argv[%d]: %s\n", i, argv[i]);
    }

    return EXIT_SUCCESS;
}
```

5.3 No breaks

Line 1
Line 2
next Line 3
another line 4

6 Lists

6.1 Bulelts

- List element 1
- List element 2
  - List element 2.1
  - List element 2.2
- List element 2

6.2 Enumeration

1. List element
2. another list element
   1. list subelement 1
   2. list subelement 2
3. yet another list element

6.3 Description

Term 1 Definition 1

Term 2 Definition 2

Term 3 Definition 3

6.4 Examples

(1) Example 1
(2) Example 2
(3) Example3

Here we reference (3)

7 Table

	Owner	Alice	Bob	Sara
f1	Alice	x	-	r
f2	Bob	r	x	rw
f3	Sara	r	-	rwx

8 Image

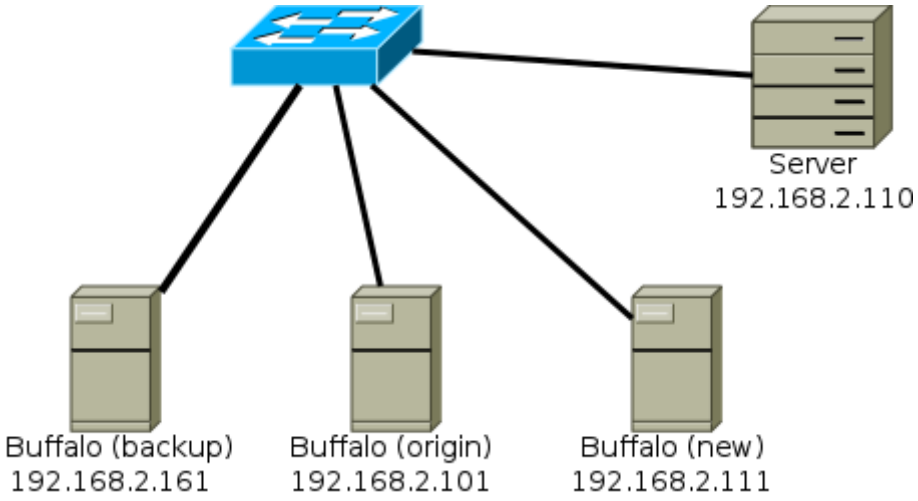

Figure 1: Outline of the network topology

This text is related to figure 1.

8.1 TikZ

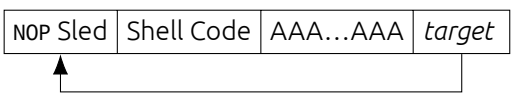

Figure 2: A TikZ Image

This text is related to figure 2.

9 LaTeX

Some inline equation $x^2 + y^2 = z^2$ written in LaTeX.

Some display math follows:

$$f(x) = \int_{-\infty}^{\infty} \hat{f}(\xi)\, e^{2\pi i \xi x}\, d\xi$$

Next, using raw LaTeX inside Markdown

⟨1⟩:	$l_2 = f_1(r_0) \oplus l_0$	
⟨2⟩:	$r_2 = f_2(f_1(r_0) \oplus l_0) \oplus r_0$	
⟨3⟩:	$f_2(l_2) \oplus r_2 = f_2(l_2) \oplus f_2(f_1(r_0) \oplus l_0) \oplus r_0$	⟨2⟩ ⊕ with $f_2(l_2)$
⟨4⟩:	$f_2(f_1(r_0) \oplus l_0) \oplus r_2 = f_2(f_1(r_0) \oplus l_0) \oplus f_2(f_1(r_0) \oplus l_0) \oplus r_0$	expand l_2 with ⟨1⟩
⟨5⟩:	$f_2(f_1(r_0) \oplus l_0) \oplus r_2 = r_0$	reduce right side
⟨6⟩:	$f_1(r_0) \oplus l_2 = f_1(r_0) \oplus f_1(r_0) \oplus l_0$	⟨1⟩ ⊕ with $f_1(r_0)$
⟨7⟩:	$f_1(r_0) \oplus l_2 = l_0$	reduce right side
⟨8⟩:	$f_2(f_1(r_0) \oplus f_1(r_0) \oplus l_2) \oplus r_2 = r_0$	⟨5⟩ expand l_0 with ⟨7⟩
⟨9⟩:	$f_2(l_2) \oplus r_2 = r_0$	reduce left side
	$f_1(f_2(l_2) \oplus r_2) \oplus l_2 = l_0$	⟨7⟩ expand r_0 with ⟨9⟩
	$f_2(l_2) \oplus r_2 = r_0$	⟨9⟩

10 Special

10.1 Exec Filter

```
$ uname -r
4.2.0-25-generic
```

References

[1] Tim Dierks and Eric Rescorla. The Transport Layer Security (TLS) Protocol Version 1.2, August 2008. RFC 5246.

[2] Bruce Schneier. Ten Risks of PKI: What You're Not Being Told About Public Key Infrastructure. *Computer Security Journal*, 16(1), 2000.

[3] Gilbert Vernam. Secret signaling system, 1919. URL https://www.google.com/patents/US1310719. US Patent 1,310,719.

[4] Wikipedia. Denuvo, 2015. URL https://en.wikipedia.org/w/index.php?title=Denuvo&oldid=689469015. [Online; accessed 2015-11-01].