

Security of Distribution Mechanisms for Linux and BSD Operating Systems

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Abstract—The abstract goes here.

I. DISTRIBUTING AN OPERATING SYSTEM

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A. Building a Release

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- 1) *Compiling into ISO*: Body of text goes here...
- 2) *Overseeing Release*: Body of text goes here...

B. Mirroring a Release

Body of text goes here...

- 1) *Mirror Qualifications*: Body of text goes here...
- 2) *Fetching Release*: Rsync, Zsync...

C. Distribution Methods

Body of text goes here...

- 1) *HTTP*: Body of text goes here...
- 2) *FTP*: Body of text goes here...
- 3) *BitTorrent*: Body of text goes here...
- 4) *Physical Media*: Body of text goes here...

II. ATTACKS ON DISTRIBUTION

Body of text goes here...

A. “Attack One”

Body of text goes here...

- 1) *Notable Usage*: Body of text goes here...
- 2) *Countermeasures*: N operating systems currently implement these countermeasures, including Foo, Bar, Baz...
Visual aid goes here

B. “Attack Two”

Body of text goes here...

- 1) *Notable Usage*: Body of text goes here...
- 2) *Countermeasures*: N operating systems currently implement these countermeasures, including Foo, Bar, Baz...
Visual aid goes here

III. EXTERNAL RISKS

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A. Re-Hosting and Ownership Hijacking

Body of text goes here...

- 1) *SourceForge*: Body of text goes here...

IV. BEST CONSUMER PRACTICES

A. Choosing a Protocol

Body of text goes here...

B. Verifying Mirrors

Body of text goes here...

C. Building a Web of Trust

Body of text goes here...

D. “Soft” Risk Mitigation

Sometimes it is best to rely on proven-stable releases. It can be harmful to be on the bleeding edge of development, although it is a service to the industry.

V. OUR IMPLEMENTATIONS

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VI. CONCLUSION

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REFERENCES

- [1] H. Kopka and P. W. Daly, *A Guide to L^AT_EX*, 3rd ed. Harlow, England: Addison-Wesley, 1999.