

# Project Report Template

987654, 987651 and 987621

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## **Abstract**

From Landes [4]: The abstract is of utmost importance, for it is read by 10 to 500 times more people than hear or read the entire article. It should not be a mere recital of the subjects covered. Expressions such as "is discussed" and "is described" should never be included! The abstract should be a condensation and concentration of the essential information in the paper.

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# 1 Introduction

This is a short template you can use for your project report. Feel free to make your own modifications to the structure.

Join together to form project groups of max 3 people in each group (you can also be just 1 if you prefer to work alone). Your teacher will list project proposals for you. Here are the project titles from 2007-2010:

- Amanda Network Backup
- Browser configuration
- IDS
- OpenVPN
- F-Secure
- Automatiske oppdateringer
- Controlled Malware Infection
- WSUS - Windows Server Update Service
- Microsoft Offline Files
- SNORT implementation as IDS and IPS on Windows and Linux
- Konvertering av lab A115 fra Cfengine 2 til Cfengine 3
- Virtualisering – VMware vs. KVM
- Trac
- OpenVPN and PortKnocking
- System Center Configuration Manager
- Cfengine på Windows
- Remote OS and file deployment
- Host-based IDS: AppArmor and SELinux
- Samba 3.2 as a replacement for Active Directory
- NFSv4
- Automatic Installations: Red Hat Kickstart using Fedora
- Honeynet
- Automatisk installering med Ghost
- Automatisk installering med RIS

For the topic you choose write a report of 5-15 pages plus appendices (and prepare a 15 minute presentation).

Good resources might be:

- Dag Langmyrs L<sup>A</sup>T<sub>E</sub>Xbook [5]
- Journal articles like [3]
- Conference proceedings articles like [1]
- Wikipedia pages like [6]

NOTE: it is EXTREMELY important that you write in your own words, and not just translate something you find.

If you want to write “the perfect introduction” I strongly suggest you read Claerbout’s “Scrutiny of the introduction” [2].

## **2 SLA/RECSPEC**

Please state why you are doing this project. Who will benefit from it? What can the users expect in terms of stability and performance? What can be measured so this can be a real "Service Level Agreement"? Think carefully about this in the beginning of the project, imagine you are doing this to make money. To send an invoice (faktura) after project completion you have to explain to the customer that the project has now been completed according to what we agreed on when the project began. In other words, make sure you are not "just doing this for fun".

## **3 Survey of similar projects**

There are always someone who has done what you are going to do, or something related. Briefly describe at least two or three similar projects, to motivate what your contribution will be.

## **4 Description of your experiment**

Describe what you are going to do and why, relate it the the previous work you described in the previous chapter.

## **5 Results and discussion**

This is the longest chapter, feel free to include some figures. Include discussion of all problems you have encountered.

## **6 Security aspects**

This does not have to be a separate part, but many times security concerns are what is stopping us.

## **7 Conclusions**

So what is the punchline, does it work or not? Do you recommend doing this for others?

## **References**

- [1] BEGNUM, K. Xen virtualization and multi-host management using mln. In *AIMS '07: Proceedings of the 1st international conference on Autonomous Infrastructure, Management and Security* (Berlin, Heidelberg, 2007), Springer-Verlag, pp. 229–229.
- [2] CLAERBOUT, J. Scrutiny of the introduction, 1995. [Online; accessed 3-October-2010].

- [3] KLEIN, G. Correct os kernel? proof? done! *USENIX ;login:* 34, 6 (Dec. 2009), 28–34.
- [4] LANDES, K. K. A scrutiny of the abstract. II. *Bull. Amer. Assoc. Petroleum Geologists* 50, 9 (1966), 1992.
- [5] LANGMYR, D.  $\LaTeX$  for nybegynnere, 2003. [Online; accessed 3-October-2010].
- [6] WIKIPEDIA. Kerberos (protocol) — wikipedia, the free encyclopedia, 2010. [Online; accessed 3-October-2010].