

# Free software

## in the commercial environment

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creativ ltd

# Contents



- ▶ About the speaker
- ▶ Adoption of free software in the UK
- ▶ Linux in the server room
- ▶ Example: Security filter
- ▶ Making the switch

# About the speaker



## Community:

- ▶ Free Software 1992
- ▶ Linux 1993
- ▶ Debian GNU/Linux 2000
- ▶ OpenOffice.org 2001

# About the speaker



## Career

- ▶ Derivatives trading software developer 1996
- ▶ IT manager 1999
- ▶ Linux consultant 2004
- ▶ Manager credativ ltd 2005

# About creativ



- ▶ Free software support & services
- ▶ Founded 1999
- ▶ Independent
- ▶ Open Source Support Centre
- ▶ Offices in UK & Germany

# About creativ



- ▶ 10 Debian developers
- ▶ PostgreSQL, Gnome, KDE, OpenOffice.org, ...
- ▶ Open Source Consortium
- ▶ Linux Verband

# Linux in the UK



- ▶ Adoption slow
- ▶ Lack of government support
- ▶ Training Microsoft centric
- ▶ Purchasing methods favour commercial software

# UK Linux adoption



- ▶ Slower than other European countries
  - ▶ Germany
  - ▶ Spain



# Linux in Germany



- ▶ Widespread public sector usage
  - ▶ German parliament
  - ▶ Foreign office
  - ▶ City of Munich

# Linux usage in the UK



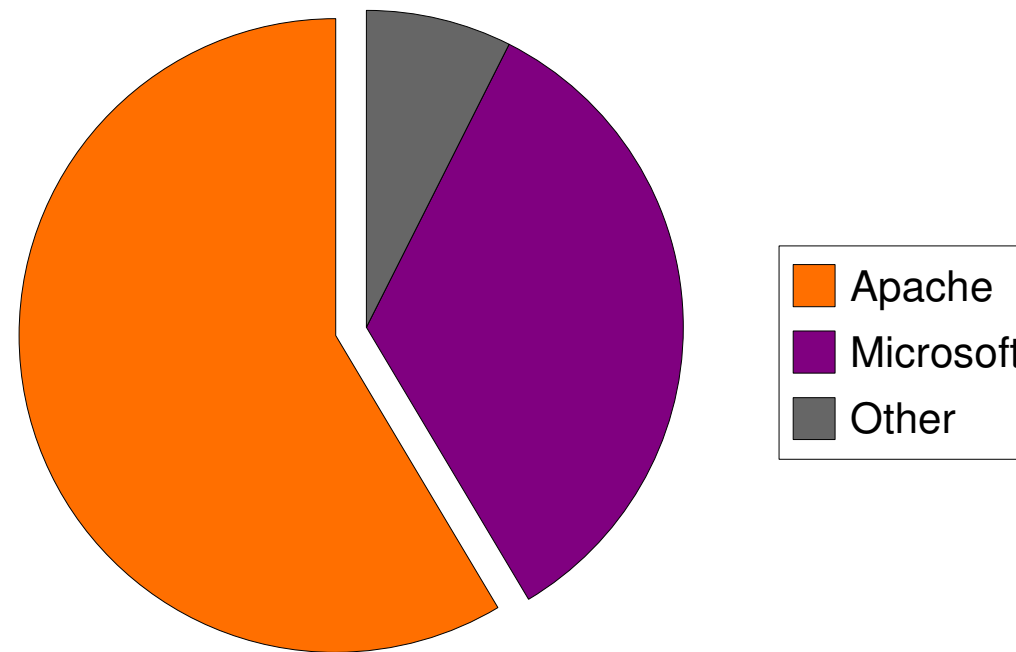
- ▶ Server infrastructure
  - ▶ Web servers
  - ▶ Databases
  - ▶ File server
  - ▶ Mail servers

# Web servers



- ▶ Apache HTTP server
- ▶ First release 1995

# Apache usage



Active websites May 2007

source: Netcraft

# Database servers



- ▶ PostgreSQL in the enterprise
  - ▶ Cost savings
  - ▶ High performance
  - ▶ Transaction integrity

# Email services



- ▶ SMTP servers
  - ▶ Sendmail, postfix
- ▶ Antispam
  - ▶ spamassassin, bogofilter
- ▶ Antivirus
  - ▶ clamav

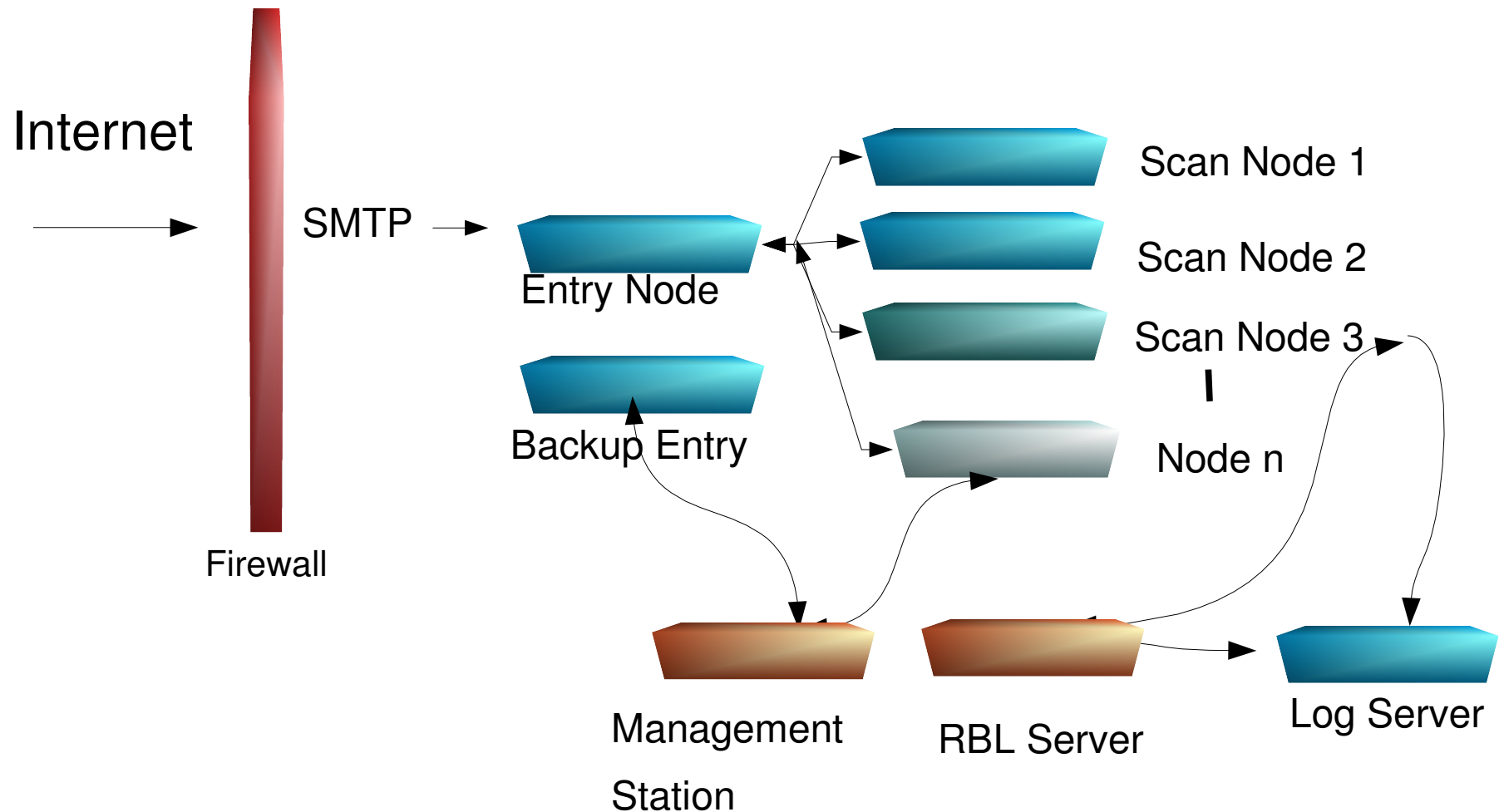
# Open Security Filter



Drop in mail filter based on free software

- ▶ Spam filtering - SpamAssassin
- ▶ Virus scanner - ClamAV
- ▶ Firewall – Linux iptables

# Security filter architecture



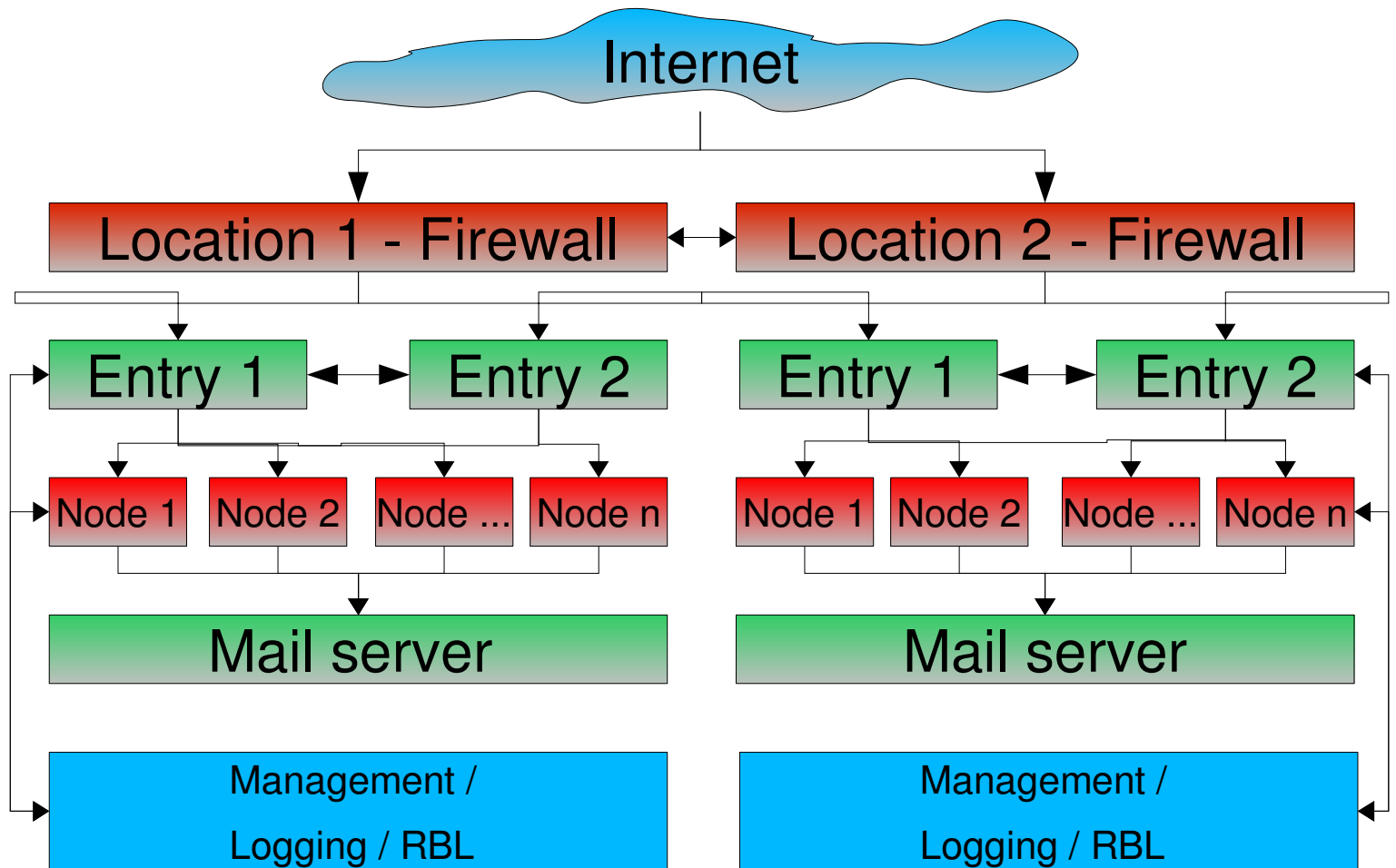


# Security Cluster



- ▶ Scalable from 1-100 machines in a single cluster
- ▶ High availability
- ▶ Independent of OS
- ▶ Based on free software

# Security Cluster Schematic



# Free software on the Windows desktop



# Reasons to adopt



- ▶ Financial
- ▶ Stability
- ▶ Security
- ▶ Flexibility

# Free software: Debian



- ▶ Open project run by volunteers
- ▶ Supports most architectures
- ▶ International adoption
- ▶ One of the most popular distributions
- ▶ Largest GNU/Linux distribution
- ▶ Freedom at its core

# Return on investment in free software



- ▶ High quality
- ▶ Open standards
- ▶ Portability
- ▶ Influence
- ▶ Updates
- ▶ Independence from suppliers

# Questions?



## Free software in the commercial environment

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