

Overview Of Messging Platforms And The ByStar Reference Implementation

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This Document is Available on-line at:

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Part I

Choosing The Ultimate Messaging Platform

1 Criteria For Being Considered The Ultimate Messaging Platform

Criteria For Being Considered The Ultimate Messaging Platform

What Should Be Thought In This Class?

- Manner-Of-Existence Of The Platform Software (Proprietary Vs. Libre-Halaal)
- Widespread Usage (Where and By Whom)
- Flexibility, Generecity, Composability
- Ease Of Use
- Complexity
- Availability
- Trends And Future

Comparison Of Mail Systems – (servers, clients, webmail providers)

- Comparison of mail servers - Wikipedia – https://en.wikipedia.org/wiki/Comparison_of_mail_servers
- Comparison of email clients - Wikipedia – https://en.wikipedia.org/wiki/Comparison_of_email_clients
- Comparison of webmail providers - Wikipedia – https://en.wikipedia.org/wiki/Comparison_of_webmail_providers
- List of collaborative software - Wikipedia – https://en.wikipedia.org/wiki/List_of_collaborative_software

1.1 MTA Comparisons – qmail is our choice of ultimate MTA

- qmail vs Sendmail vs Exchange vs Postfix vs Exim http://shearer.org/MTA_Comparison
- Linux Modules and Protocol Layers
- qmail – <http://cr.yip.to/qmail.html>

1.2 The ByStar Mail Server Configuration – Hosted And In-House

Figure ?? shows ...

1.3 The Right qmail Autonomous Client Configuration

Figure ?? shows ...

1.4 Qmail Plus

- daemontools
- djbdns
- ucspi-tcp
- rblsmtpd
- qmail – Explore Through ByStar Panel

1.5 Mailfront Plus

- ucspi-ssl
- cvm (Credentials Verification Module)
- mailfront – Explore Through ByStar Panel

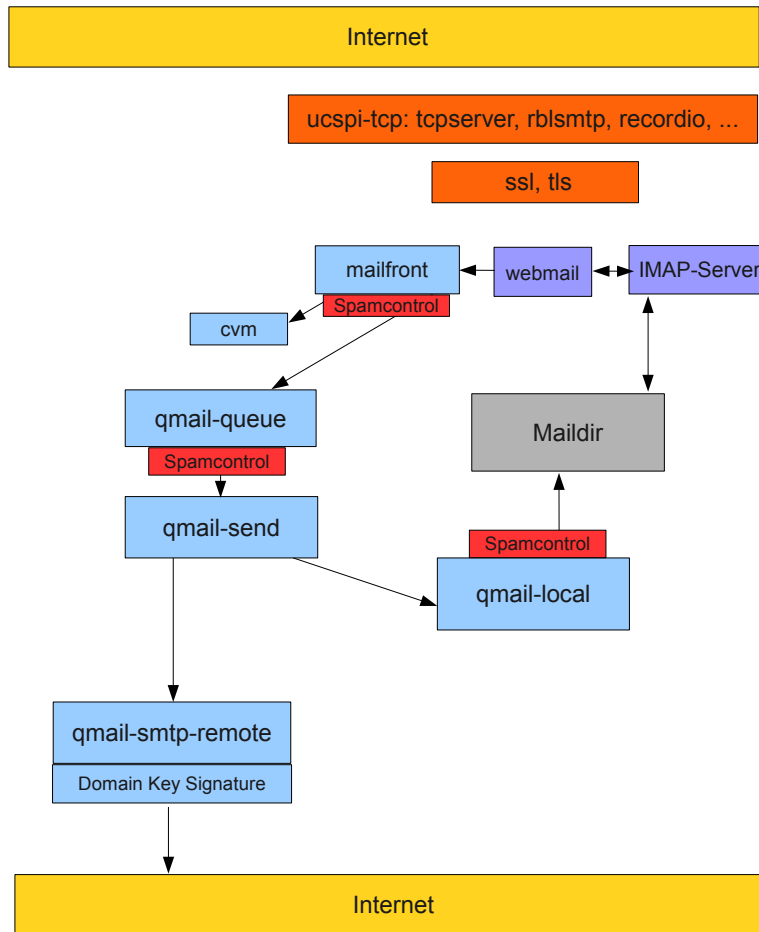


Figure 1: qmail-bystar-wellknown-sa

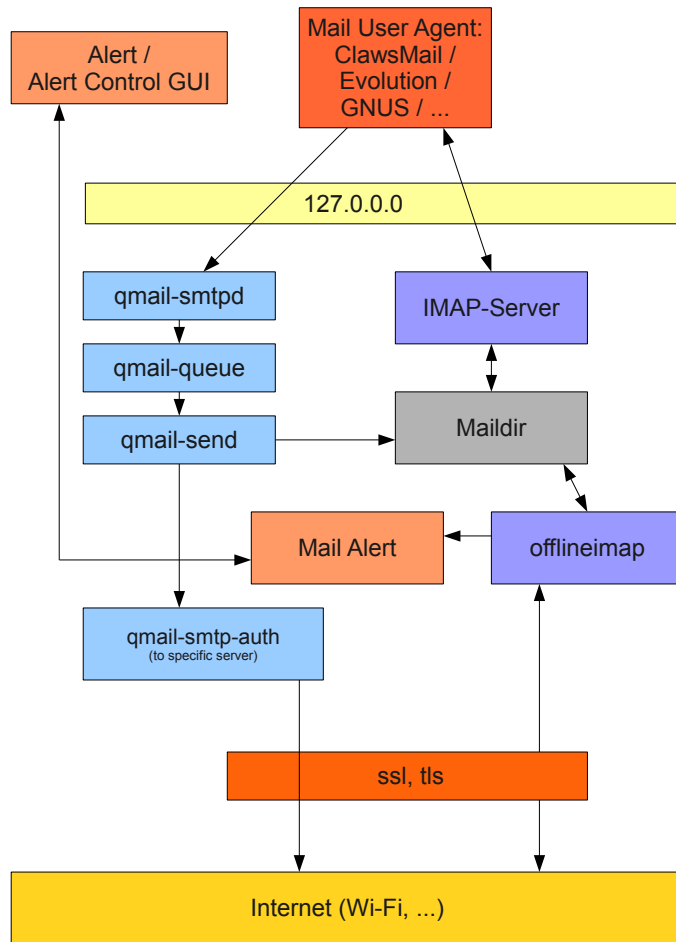


Figure 2: qmail-bystar-wellknown-ua

Part II

Class Activities

2 Emacs As A System Administration Tool

2.1 Blee Orientation

- Blee Panles
- Function Key Explanation
- Multi-Lingual Capabilities
- Global Size Adjustments: F9 - F10
- Global File Expansion: F5
- Human Language Support: Spell Checking, Dictionaries, Thesarus

2.2 Major and Minor Modes

- Major Mode Description
- Key Bindings

2.3 Bash and Bash-Mode

- Sample Bash Code
- BinsPrep Examples

Part III

Assignments

2.4 Assignments

- Unix System Man Pages – Read: man man
- Also Read “man bash” – “man date”
- whatis date – whatis cp
- apropos copy – apropos date
- Page through: “Life With Qmail” – <http://www.lifewithqmail.org/>
- Read Through: <https://cr.yp.to/qmail.html>
- Scan Over: <http://www.qmail.org>

References