

SERVERS & DOMAINS

EMAIL ROUTING

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SMTP CONNECTIONS INITIATED ON-CAMPUS DESTINED OFF-CAMPUS

Data from March 1-13, 2017 as seen from external routers

- 324 on campus hosts initiating SMTP requests
- 15 unregistered hosts
- 2,248,741 connections
- 91.58% handled by 7 servers
 - 77.81% from mailservices
 - 4.74% from mx-100.cs
 - 3.55% from cemc2.math
 - 2.04% from plg2.cs
 - 1.20% from minos
 - 1.13% from engmail
 - 1.11% from bulk mail
- "the rest 305" all <1.00% each [8.42% aggregate]

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SMTP CONNECTIONS INITIATED OFF-CAMPUS DESTINED ON-CAMPUS

Data from March 1-13, 2017 as seen from external routers

- 117 hosts responding to SMTP requests
- 2 unregistered hosts
- 16,285,085 connections
- 95.56% handled by 10 servers
 - 65.67% to mxer
 - 9.64% to mail.student.math
 - 4.96% to mail.math
 - 4.76% to visi
 - 3.12% to sciborg
 - 2.65% to adv-mx1
 - 2.53% to mail.csclub
 - 1.21% to mailservices
 - 1.02% to adv-mx2
- "the rest 107" all <1.00% each [4.44% aggregate]

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MAILROUTING ATTRIBUTE AND MAILSERVICES FORWARDING

Data from March 9, 2017

- 165 unique domains
 - down from 179 a few months ago
- 83,083 entries
- 29 entries to invalid hosts
 - Lacking A and MX records
- 97.04% in 5 domains
 - 55.85% to mailservices
 - 16.73% to edu
 - 15.08% to connect
 - 8.02% to engmail
 - 1.36% to envmail
- "the rest 159" all <1.00% each [2.96% aggregate]
- 1,639 mailservice accounts forward to uwaterloo.ca
 - then handled via MailRouting Address

EMAIL ROUTING

TECHNICAL WORKING GROUP

Would like to form a small technical working group consisting of campus email admins to:

- examine email handling of Waterloo domains
 - including on/off premise systems
- recommend holistic policies/guidelines for inbound and outbound campus email
- create strategy to enable DMARC [and more effective SPF and DKIM]
- provide a campus view, including usability and interconnection support
- report findings/recommendations to the Email project group