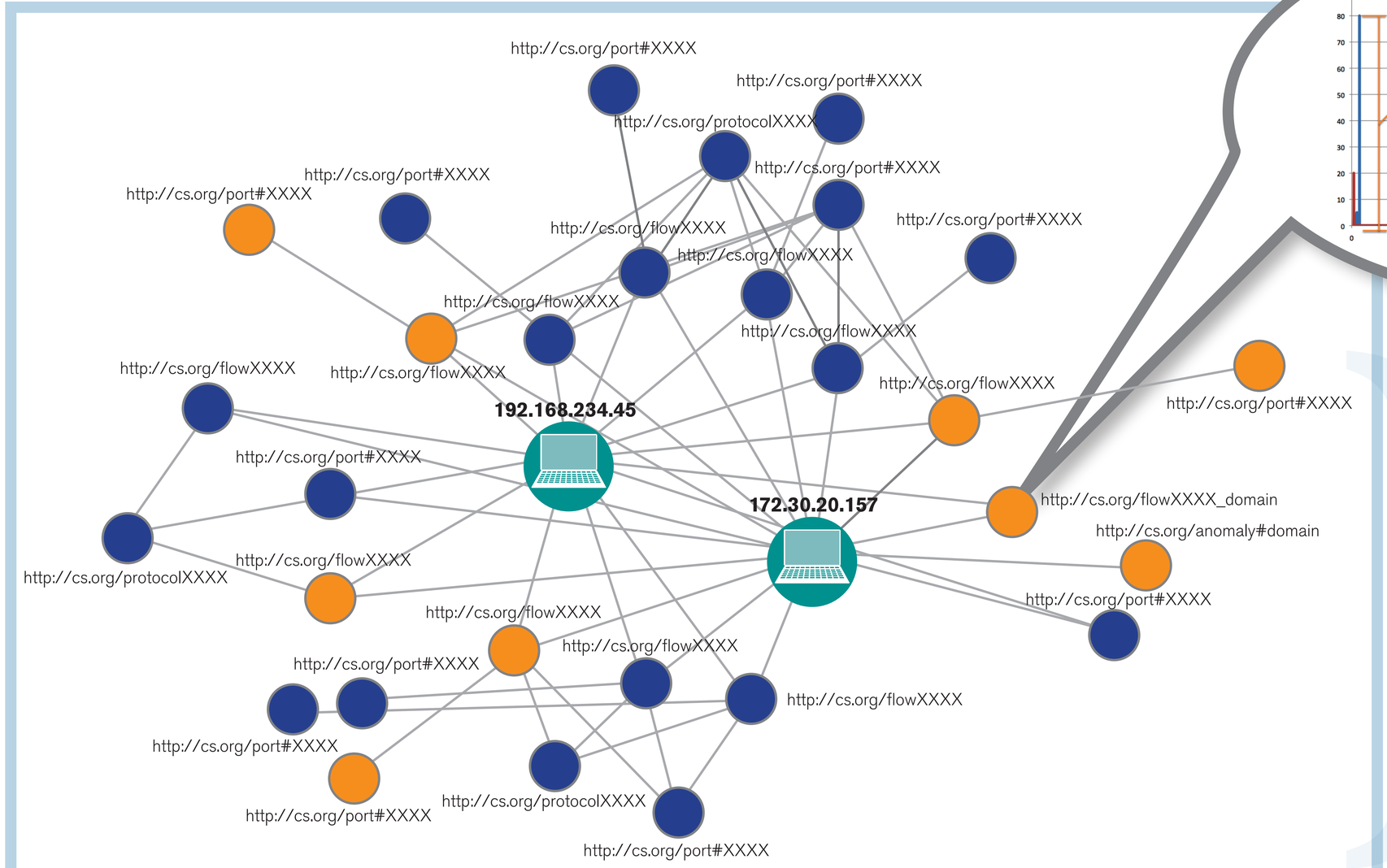
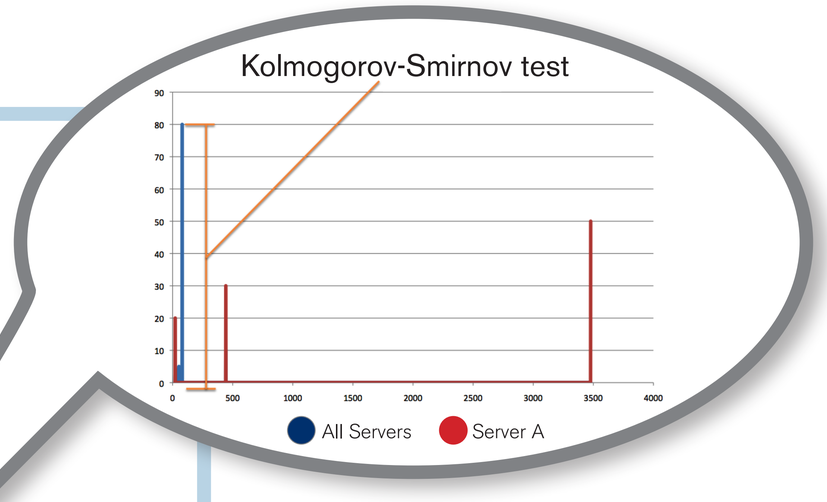
Discovering unknown network activity using graphs and computer network data





Prioritized Anomaly List

ip1	ip2
http://cs.org/ipv4#172.31.21.12	http://cs.org/ipv4#172.30.74.167
http://cs.org/ipv4#172.30.20.157	http://cs.org/ipv4#192.168.234.45
http://cs.org/ipv4#172.31.21.12	http://cs.org/ipv4#172.30.74.189
http://cs.org/ipv4#172.30.22.166	http://cs.org/ipv4#157.55.130.152
http://cs.org/ipv4#172.30.19.126	http://cs.org/ipv4#192.168.234.45
http://cs.org/ipv4#172.30.22.166	http://cs.org/ipv4#157.56.52.18
http://cs.org/ipv4#172.30.22.166	http://cs.org/ipv4#157.55.130.158
http://cs.org/ipv4#192.168.233.237	http://cs.org/ipv4#213.199.179.142
http://cs.org/ipv4#172.30.22.166	http://cs.org/ipv4#91.190.216.26
http://cs.org/ipv4#172.30.22.166	http://cs.org/ipv4#157.55.56.148
http://cs.org/ipv4#172.30.22.166	http://cs.org/ipv4#192.168.234.45
http://cs.org/ipv4#192.168.233.237	http://cs.org/ipv4#157.55.56.160
http://cs.org/ipv4#192.168.233.221	http://cs.org/ipv4#74.125.142.125
http://cs.org/ipv4#192.168.233.221	http://cs.org/ipv4#209.85.225.125
http://cs.org/ipv4#192.168.233.221	http://cs.org/ipv4#10.1.1.233
http://cs.org/ipv4#192.168.233.237	http://cs.org/ipv4#24.62.201.161
http://cs.org/ipv4#192.168.233.237	http://cs.org/ipv4#157.55.130.152
http://cs.org/ipv4#192.168.233.237	http://cs.org/ipv4#192.168.209.56
http://cs.org/ipv4#192.168.233.237	http://cs.org/ipv4#91.190.216.26
http://cs.org/ipv4#192.168.233.237	http://cs.org/ipv4#157.55.130.158
http://cs.org/ipv4#192.168.233.237	http://cs.org/ipv4#157.55.56.148

How to use broad and deep computer network data (netflow, web activity, and DNS requests), statistics, and graph algorithms to automatically identify and prioritize anomalous network activity.

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