Wheat is our Untangled Firewall that is currently keeping open ports 22,53, 80 and 443 in order to allow traffic to flow to our web servers, mail servers and our E-Commerce server. Pretzel is our AD/DNS Windows Server and currently is only keeping TCP ports open to allow our machines to jump out to other places and to allow other places to be directed to our servers. Bagel is our Main WWW server and is only keeping open ssh, http, and https-alt in order to limit all traffic to required protocols. Https is disabled due to an unsafe version with vulnerabilities. Rye is also a Windows AD/DNS server which currently is only keeping open tcp ports in order to allow users to authenticate as well as be routed to our servers. Croissant is our Windows E-Commerce Server and currently is only accepting tcp connections to allow http and mysql requests in order to allow transactions. PITA is our E-Mail server and is keeping open ports related to ssh, smtp, http, pop3, imap and mysql to allow users to log into the server as well as receive and send mail. Telnet is an undesired service and is currently being closed. Below is the nmap scan of our network and contains details on the specific ports currently open.

Starting Nmap 6.47 ( http://nmap.org ) at 2018-01-13 11:14 PST

Nmap scan report for wheat.baguetteabout.it (172.28.241.1)

Host is up (0.00043s latency).

Not shown: 985 closed ports

PORT STATE SERVICE

22/tcp open ssh

53/tcp open domain

80/tcp open http

443/tcp open https

5000/tcp open upnp

6000/tcp open X11

9500/tcp open ismserver

9502/tcp open unknown

9503/tcp open unknown

9535/tcp open man

9575/tcp open unknown

9593/tcp open cba8

9594/tcp open msgsys

9595/tcp open pds

9618/tcp open condor

MAC Address: 00:50:56:9E:BD:E6 (VMware)

Nmap scan report for pretzel.baguetteabout.it (172.28.241.3)

Host is up (0.00031s latency).

Not shown: 979 filtered ports

PORT STATE SERVICE

7/tcp open echo

9/tcp open discard

13/tcp open daytime

17/tcp open qotd

19/tcp open chargen

53/tcp open domain

80/tcp open http

88/tcp open kerberos-sec

135/tcp open msrpc

139/tcp open netbios-ssn

389/tcp open ldap

443/tcp open https

445/tcp open microsoft-ds

464/tcp open kpasswd5

593/tcp open http-rpc-epmap

636/tcp open ldapssl

3268/tcp open globalcatLDAP

3269/tcp open globalcatLDAPssl

3389/tcp open ms-wbt-server

5800/tcp open vnc-http

5900/tcp open vnc

MAC Address: 00:50:56:9E:40:DB (VMware)

Nmap scan report for bagel.baguetteabout.it (172.28.241.38)

Host is up (0.00036s latency).

Not shown: 996 filtered ports

PORT STATE SERVICE

22/tcp open ssh

80/tcp open http

443/tcp closed https

8443/tcp open https-alt

MAC Address: 00:50:56:9E:A6:DC (VMware)

Nmap scan report for rye.baguetteabout.it (172.28.241.49)

Host is up (0.00033s latency).

Not shown: 981 filtered ports

PORT STATE SERVICE

53/tcp open domain

80/tcp open http

88/tcp open kerberos-sec

135/tcp open msrpc

139/tcp open netbios-ssn

389/tcp open ldap

443/tcp open https

445/tcp open microsoft-ds

464/tcp open kpasswd5

593/tcp open http-rpc-epmap

636/tcp open ldapssl

3268/tcp open globalcatLDAP

3269/tcp open globalcatLDAPssl

3389/tcp open ms-wbt-server

49154/tcp open unknown

49155/tcp open unknown

49157/tcp open unknown

49158/tcp open unknown

49159/tcp open unknown

MAC Address: 00:50:56:9E:B3:82 (VMware)

Nmap scan report for croissant.baguetteabout.it (172.28.241.51)

Host is up (0.0014s latency).

Not shown: 988 closed ports

PORT STATE SERVICE

80/tcp open http

135/tcp open msrpc

139/tcp open netbios-ssn

443/tcp open https

445/tcp open microsoft-ds

3306/tcp open mysql

3389/tcp open ms-wbt-server

49152/tcp open unknown

49153/tcp open unknown

49154/tcp open unknown

49155/tcp open unknown

49161/tcp open unknown

MAC Address: 00:50:56:9E:18:F8 (VMware)

Nmap scan report for PITA.baguetteabout.it (172.28.241.24)

Host is up (0.0000030s latency).

Not shown: 989 closed ports

PORT STATE SERVICE

22/tcp open ssh

23/tcp open telnet

24/tcp open priv-mail

25/tcp open smtp

53/tcp open domain

80/tcp open http

110/tcp open pop3

111/tcp open rpcbind

143/tcp open imap

3306/tcp open mysql

3389/tcp open ms-wbt-server

Nmap done: 256 IP addresses (6 hosts up) scanned in 216.52 seconds