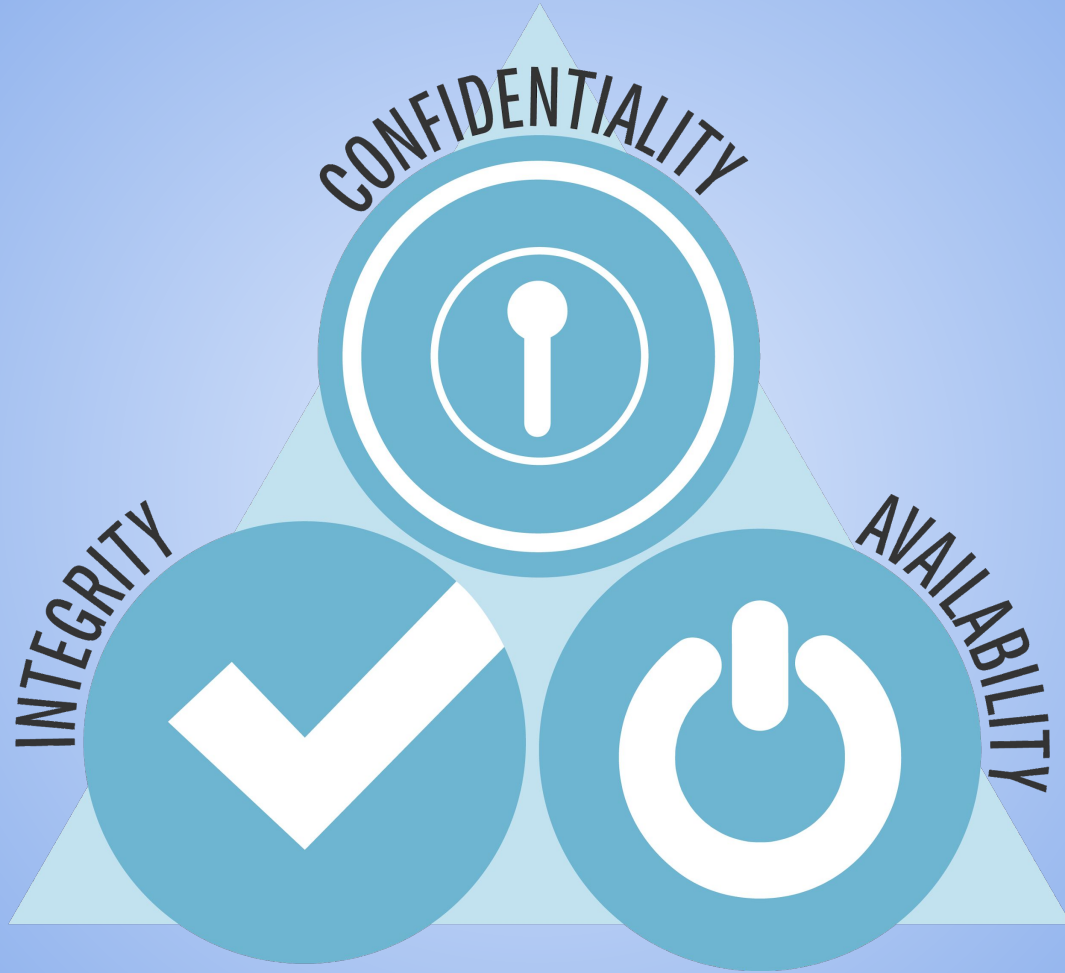


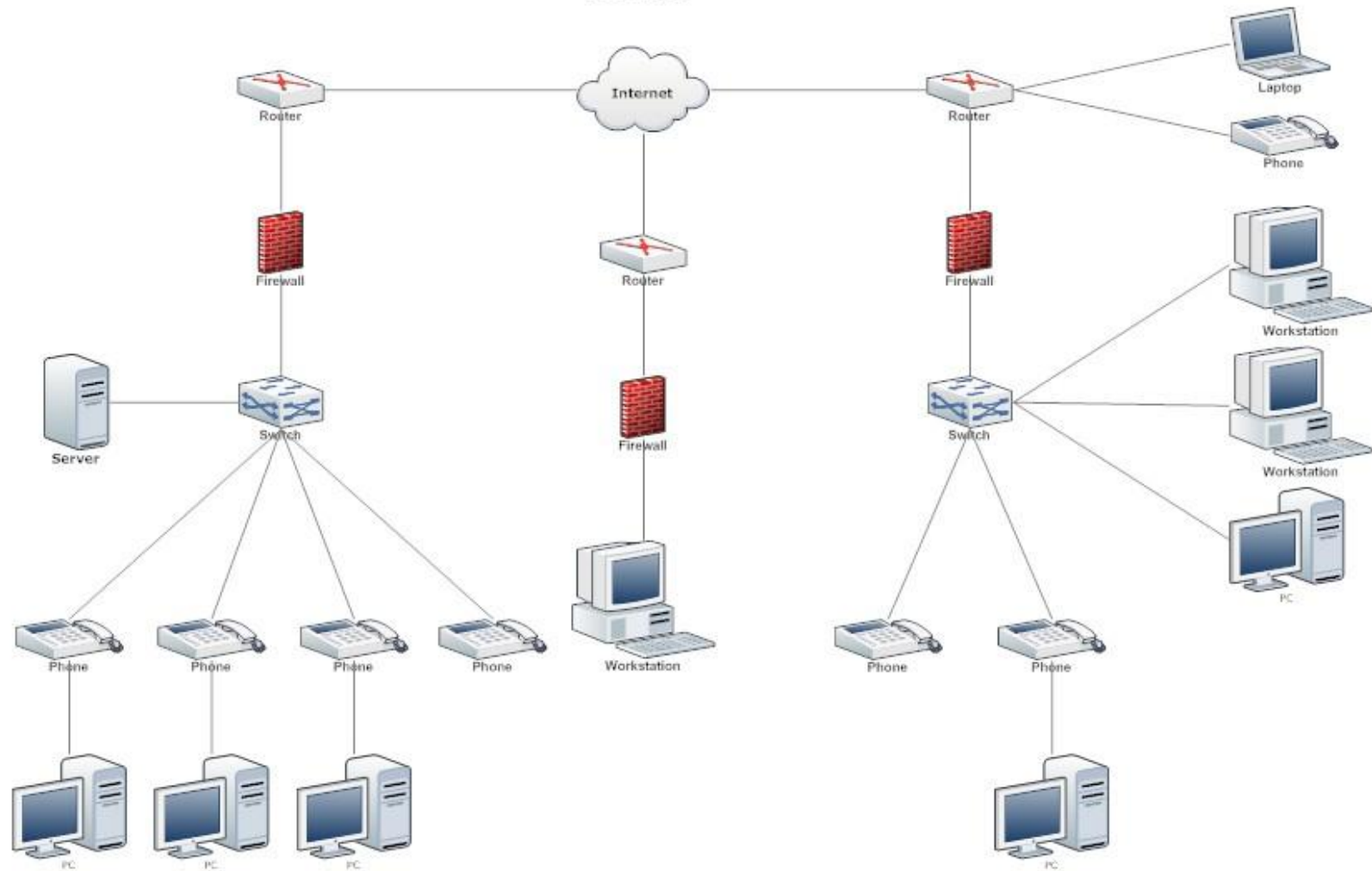
The 1,000 Mile Overview of Cybersecurity



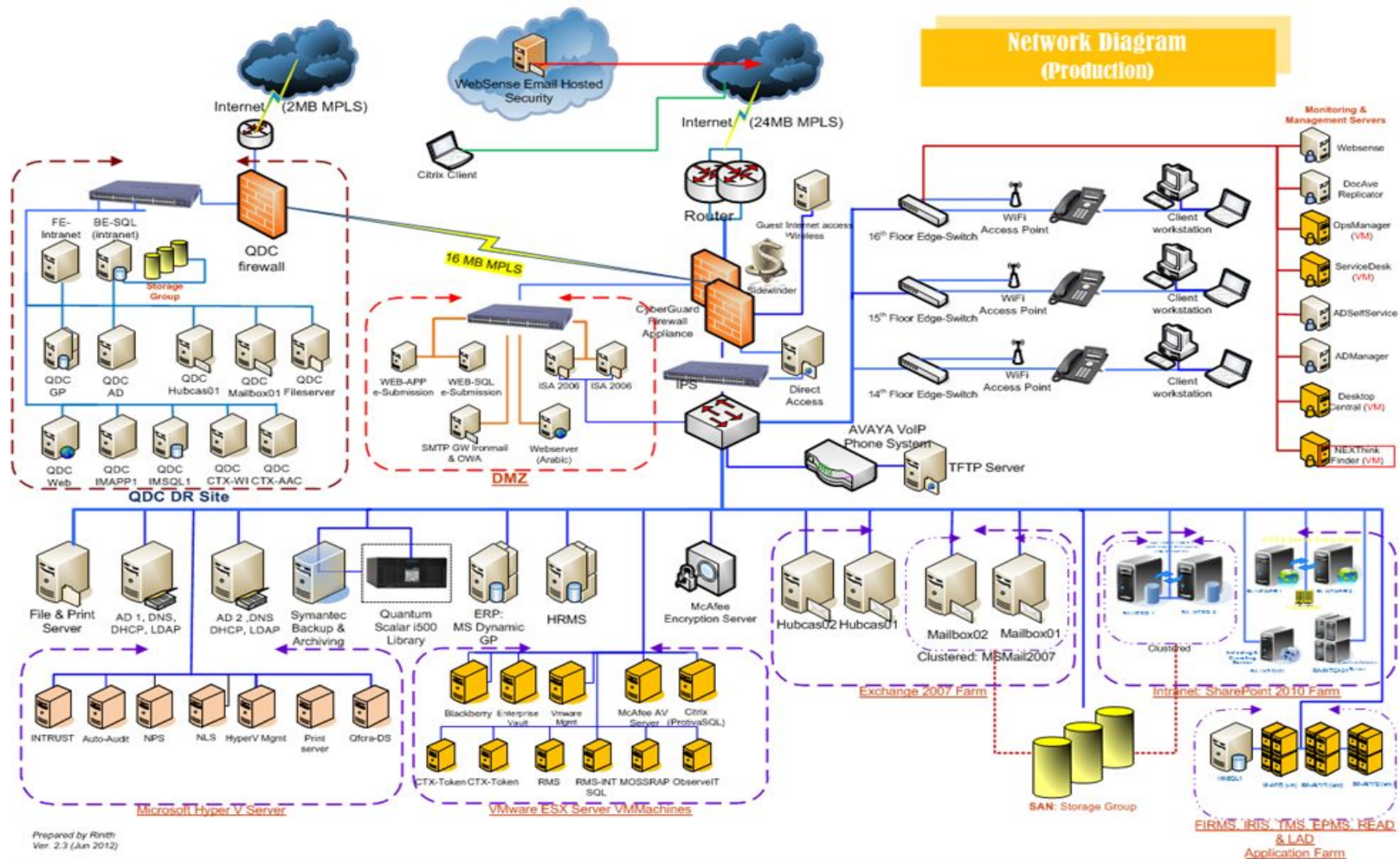




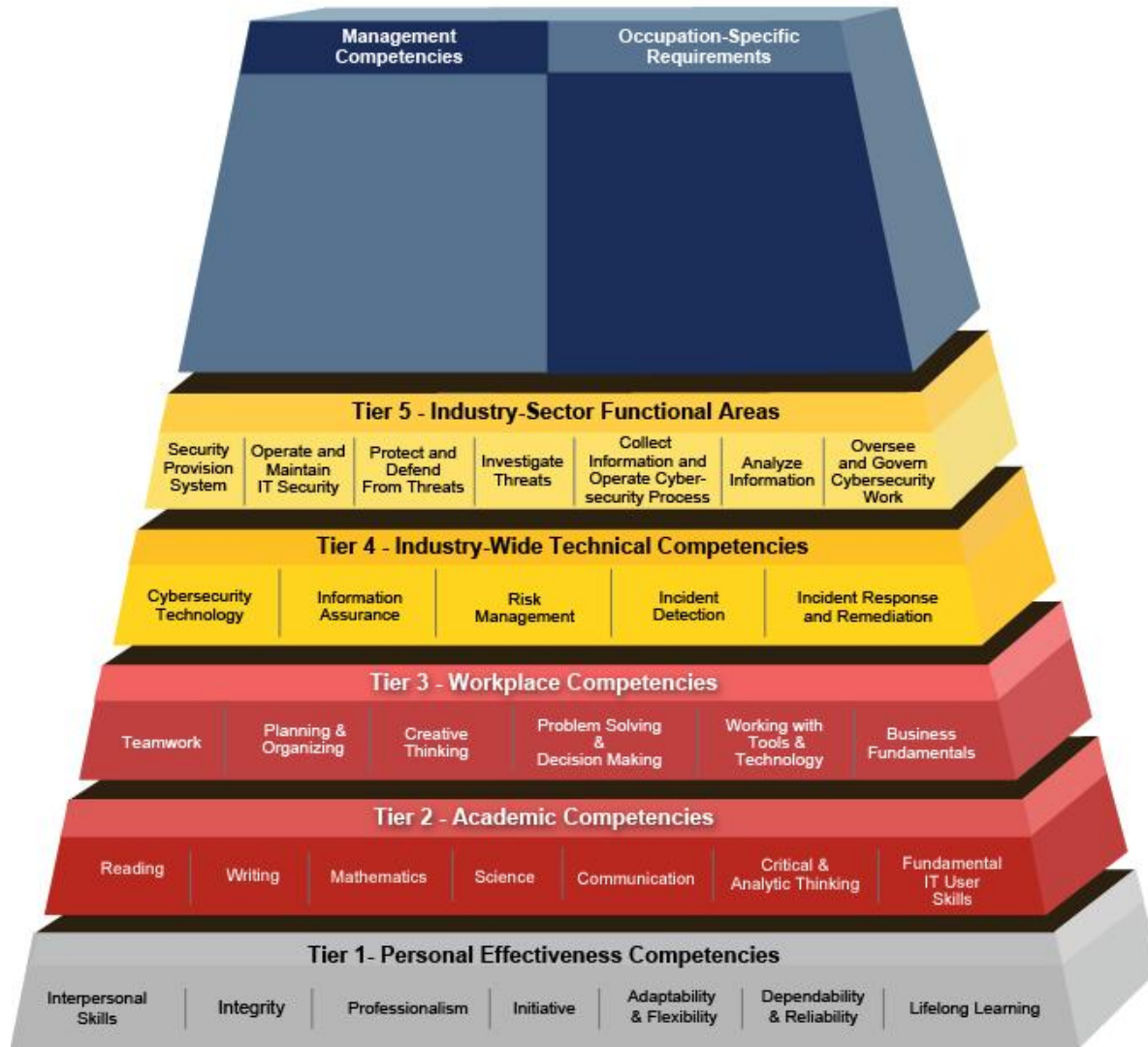
Firewall



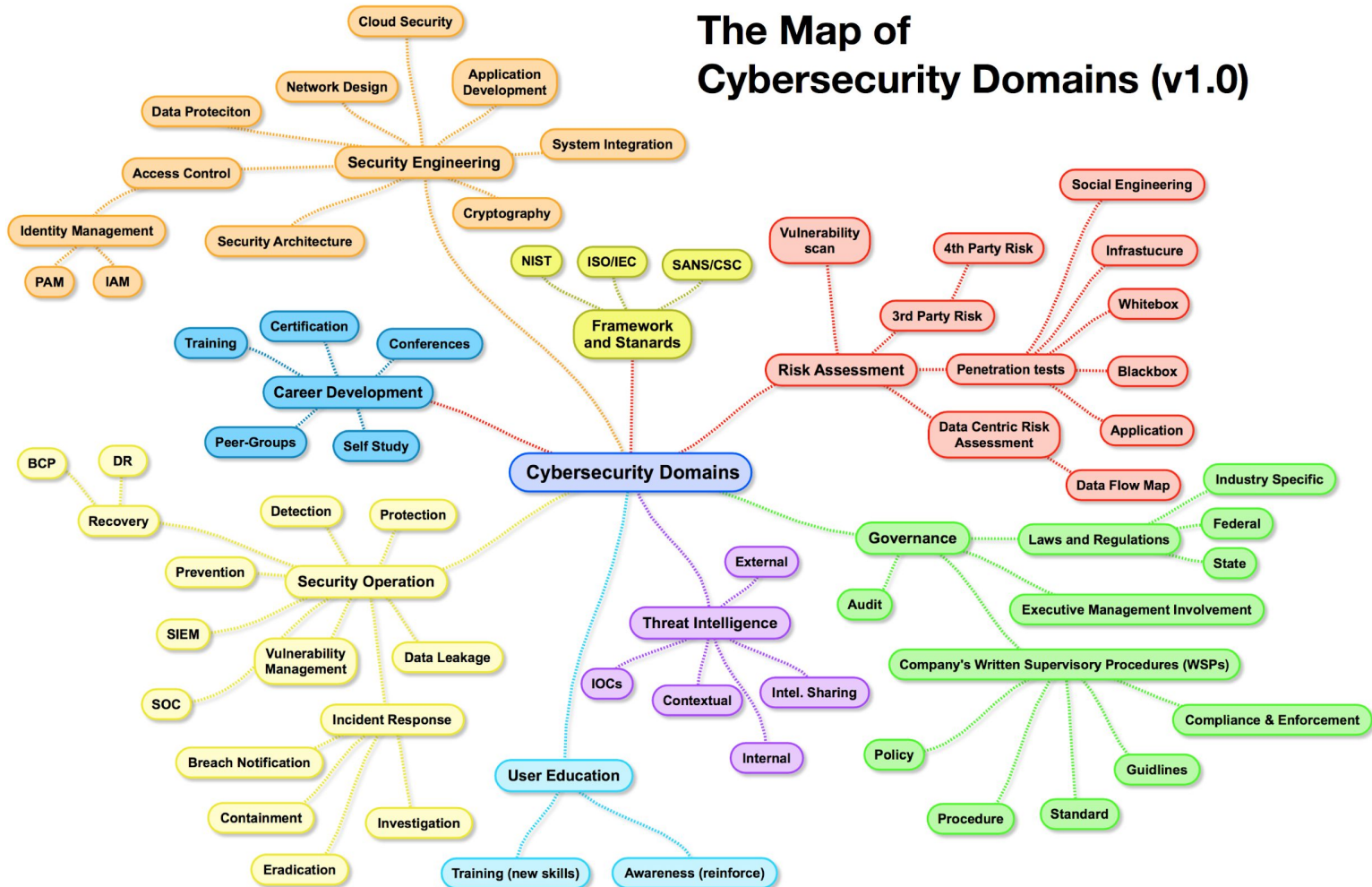
Network Diagram (Production)







The Map of Cybersecurity Domains (v1.0)

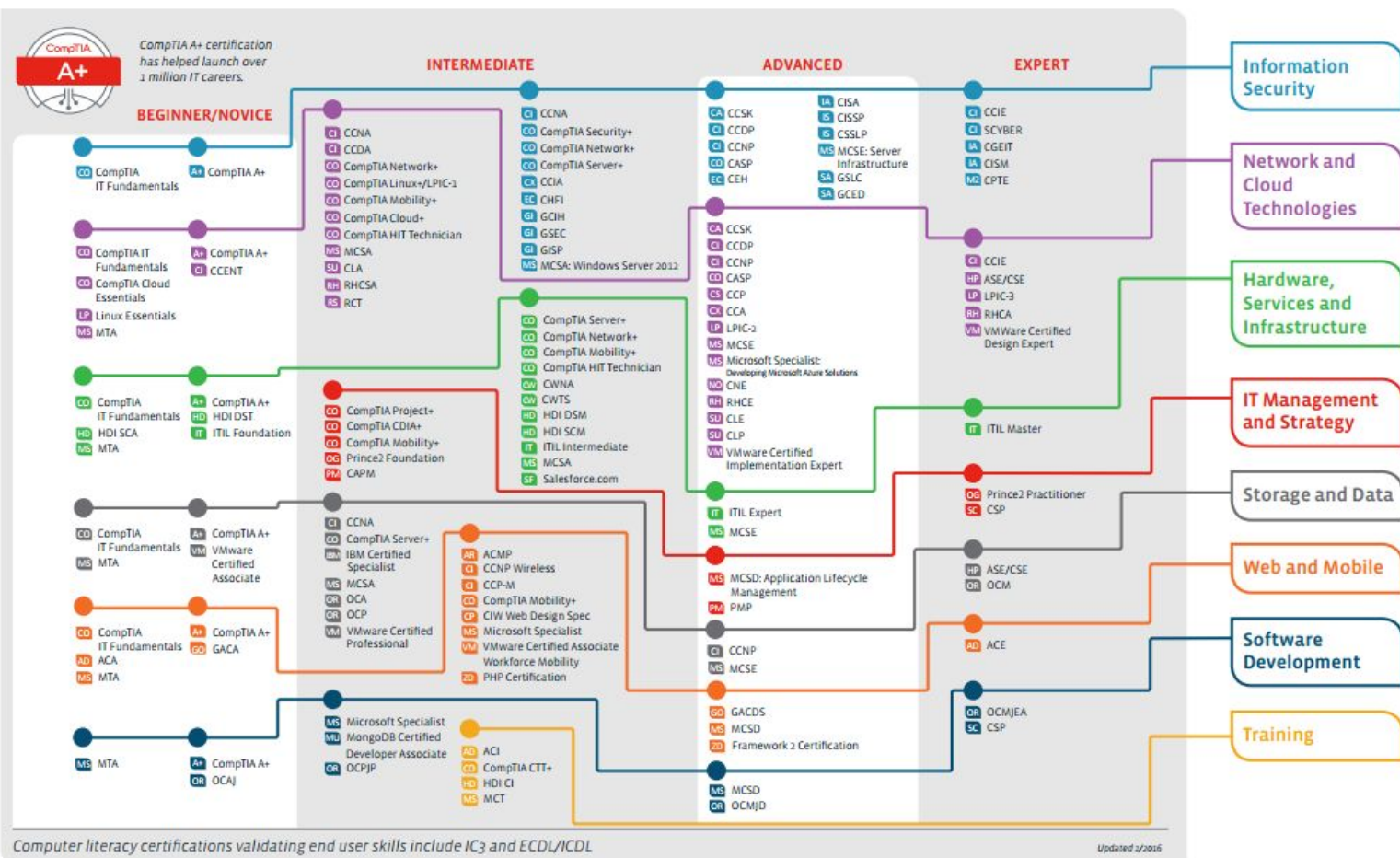


IT Certification Roadmap

Explore the possibilities with the CompTIA Interactive IT Roadmap at: CompTIA.org/CertsRoadmap

CompTIA

Certifications validate expertise in your chosen career.

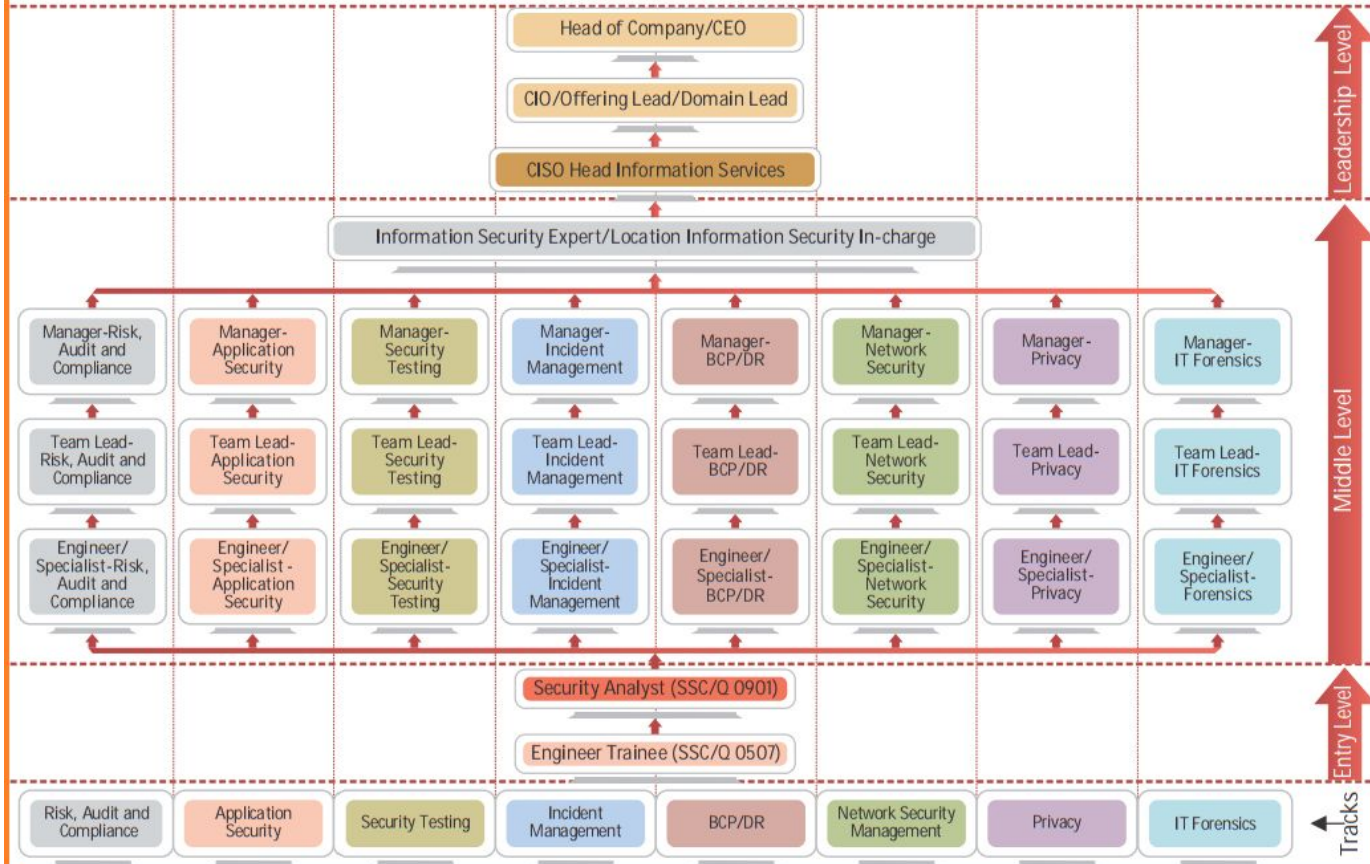


Creating INFINITE Career Opportunities

Career Guide – IT Services



Career Map for Information Security



Competitions!!!



ISTS15



NATIONAL
COLLEGIATE
CYBER
DEFENSE
COMPETITION



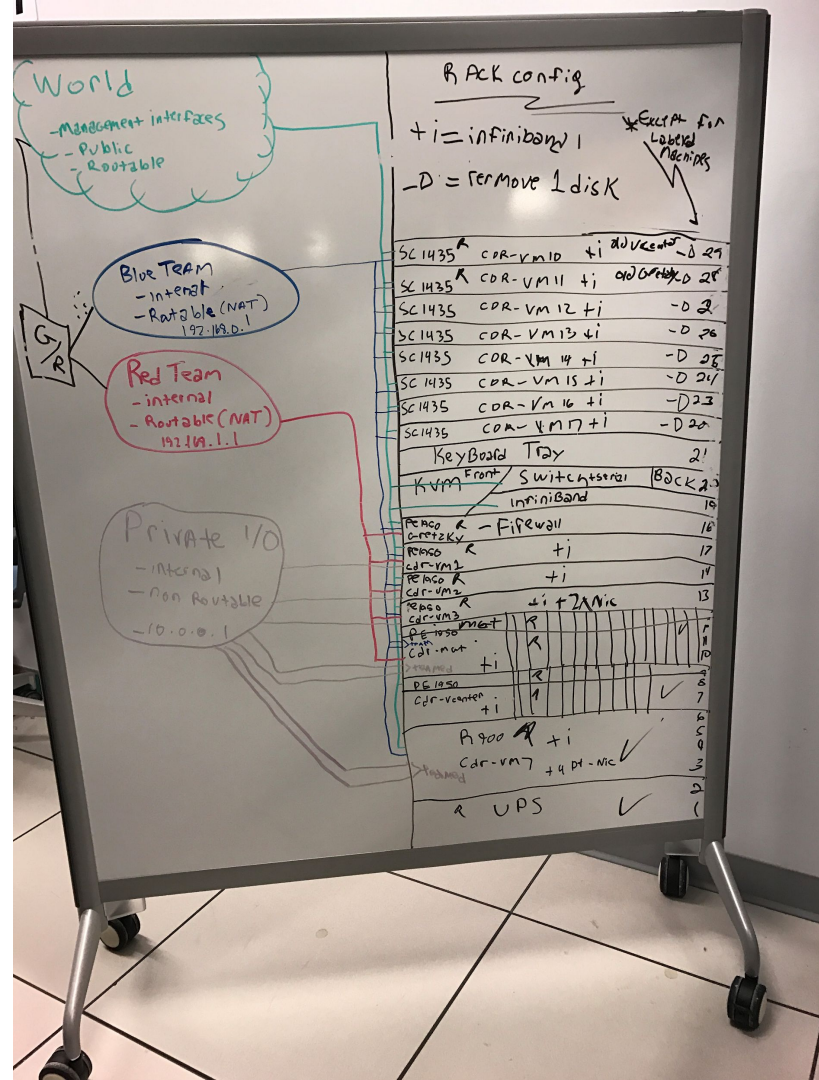
COLLEGIATE PENTESTING COMPETITION™

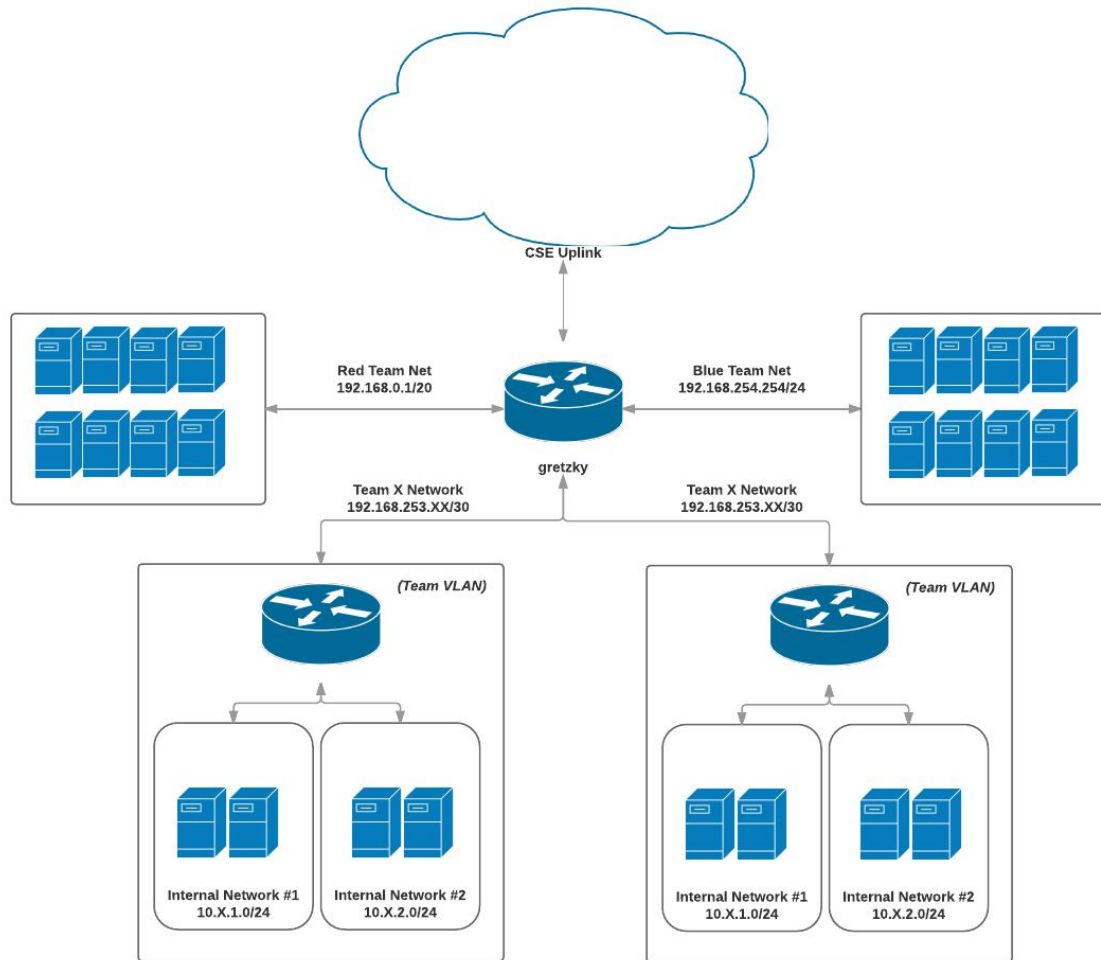
Deloitte.



THE
NATIONAL
CYBER
LEAGUE

How Did We Get Here?





UBNetDef Infrastructure Overview

Overview of all of UBNetDef

[Update in background](#)[Fullscreen](#)[Unlock / Edit](#)

Drag widgets to any position you like in [unlock / edit](#) mode.

Failed vCenter Logins

a few seconds ago

3



vCenter Logins

a few seconds ago

Value	%	Count
Top values		
stefanja	27.78%	5
jamesdro	22.22%	4
sames5	16.67%	3
peterfow	11.11%	2
acsiracu	11.11%	2
Others		
abitar	5.56%	1
CDR-VCENTER1\$	5.56%	1

Top Blocked IPs

a few seconds ago

Value	%	Count
Top values		
128.205.44.129	33.94%	167
fe80::250:56ff:fea3:3899	15.24%	75
128.205.44.155	13.82%	68
fe80::250:56ff:fea3:3421	10.37%	51
::	9.76%	48
Others		
fe80::250:56ff:fea3:43d8	3.05%	15
fe80::250:56ff:fea3:4f4b	3.05%	15
fe80::f49f:b09f:2489:4348	2.44%	12
fe80::41f7:15f:4e33:8c85	2.44%	12
180.97.161.227	0.61%	3
218.60.112.227	0.61%	3
218.60.112.224	0.41%	2
128.205.159.69	0.41%	2
218.60.112.225	0.41%	2
180.97.161.226	0.20%	1
218.60.112.226	0.20%	1
37.143.9.64	0.20%	1



Top Blocked Interfaces

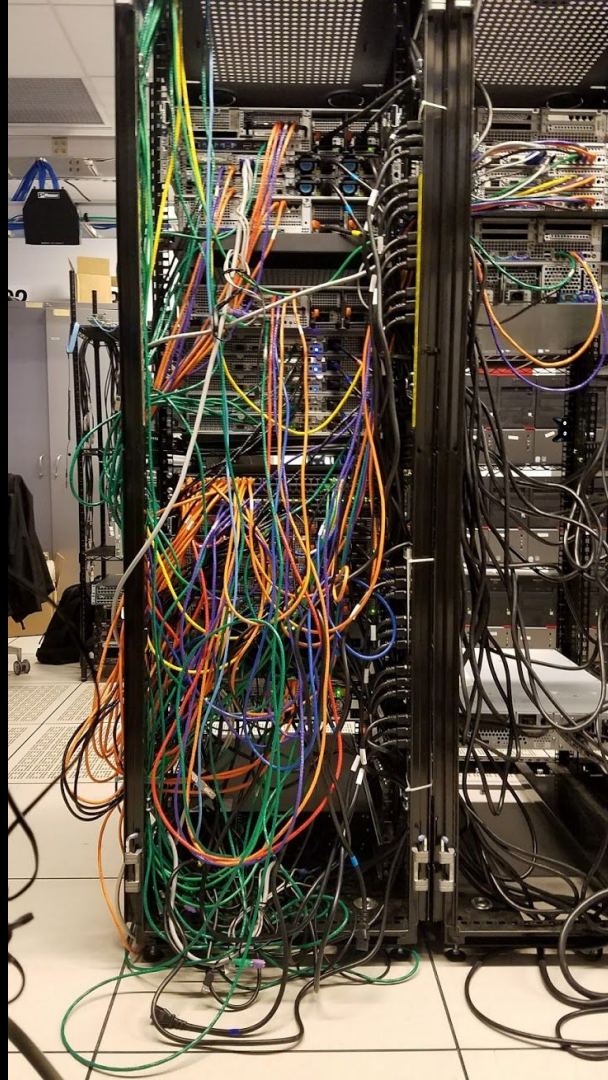
a few seconds ago

Value	%	Count
Top values		
bce1	53.66%	264
igb0	27.64%	136
bridge0	13.82%	68
igb3_vlan115	4.88%	24



Vsphere and our Environment

An MBA and two
CSE students walk
into a server room...



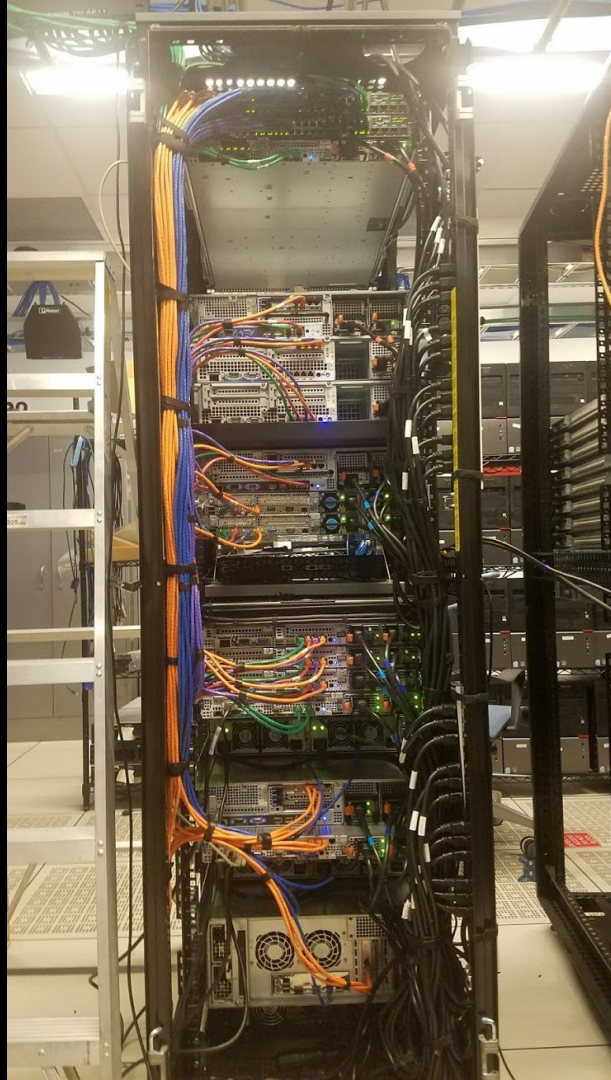
...only one leaves

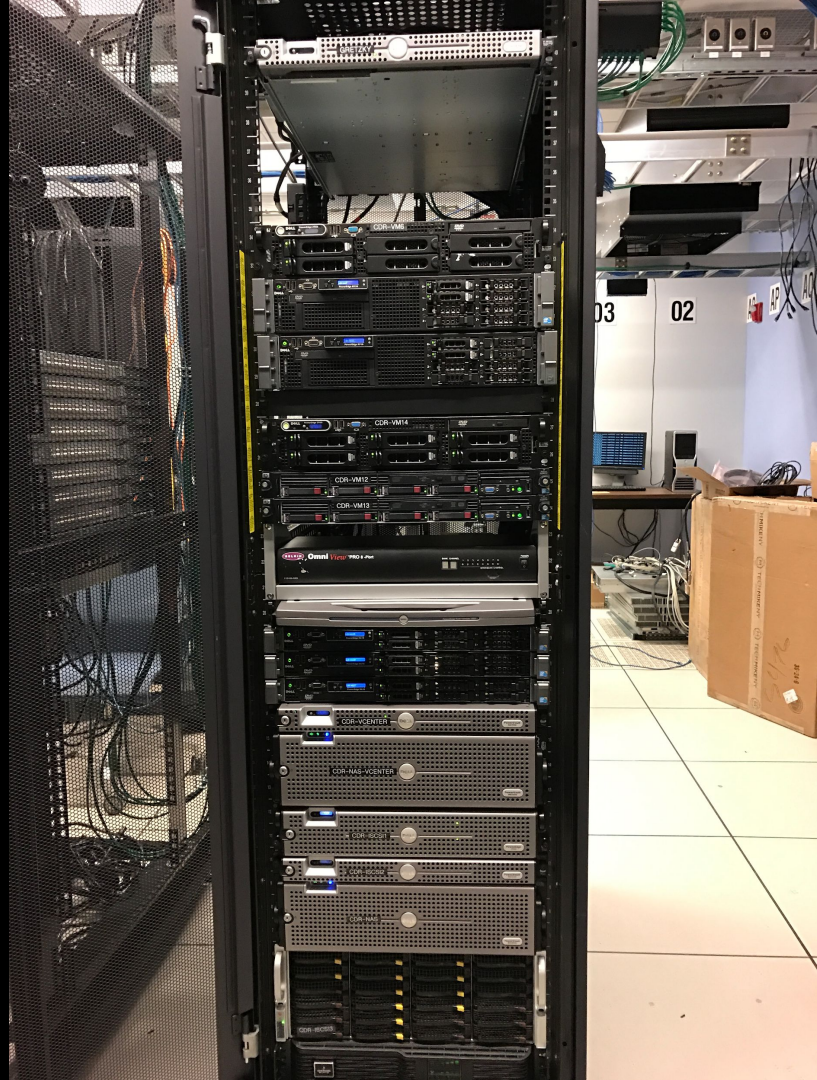
#WorkingTogether



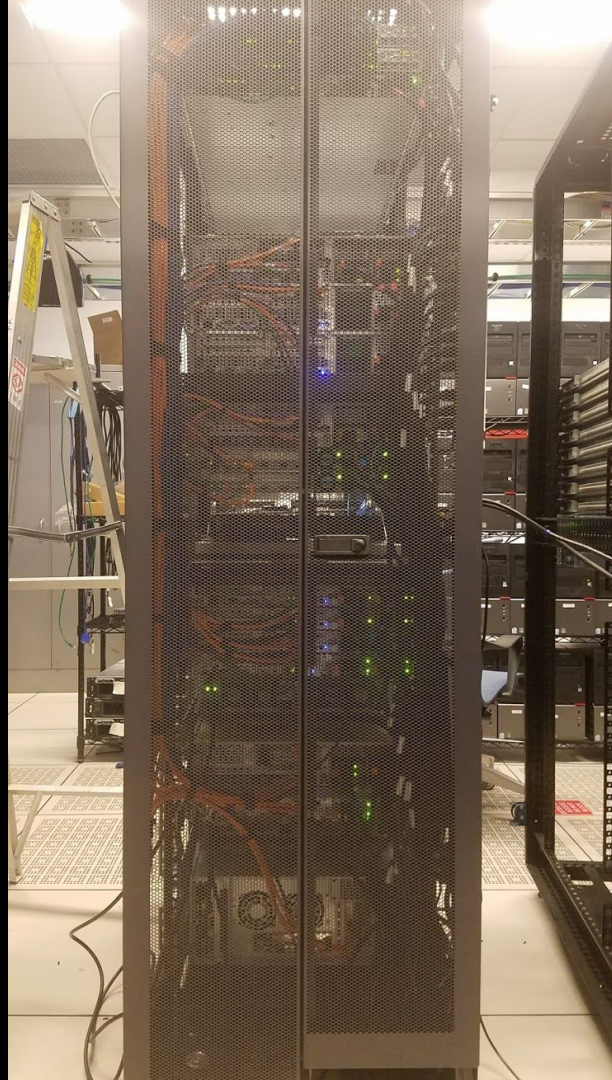








THE DOORS CAN CLOSE!!!



BOTH OF THEM!!!!

How to Access our Stuff

1. Fill out the Attendance Survey
 - a. www.ubnetdef.org/attendance
2. Download Mattermost and Sign In
 - a. <https://chat.ubnetdef.org>
3. For Windows Users:
 - a. Download vSphere from ubnetdef.org/vsphere
4. For Mac Users:
 - a. Download VirtualBox from <http://download.virtualbox.org/>
 - b. More Instructions to Come
5. For Off-Campus Access:
 - a. Download Cisco VPN from UBIT
<https://www.buffalo.edu/ubit/service-guides/software/downloading/windows-software/managing-your-software/anyconnect.html>