April 2017 Rule Set

- Each team must have 3-6 students.
- One faculty mentor must be present at Argonne National Laboratory the day of the competition.
- Faculty members <u>cannot</u> provide *any* assistance to their teams on the day of the competition.
- Teams are required to have the following active at all times, unless noted:
  - Website/Web Server
  - Help Desk
  - Email Server
  - File Server
  - Active Directory Server (provided)
  - Human Machine Interface (HMI), and
  - Industrial Control System (ICS).
- Blue teams will not lose points for a Red team compromise of a honey pot in the event the honeypot is clearly defined and documented in the required documentation. If any deterrent or honey pot is compromised and valid documentation was not provided it is assumed that it was a production system and as such the blue team points will be reduced.
- Team documentation (white and green) is due to CyberDefense-Competition@anl.gov by no later than March 24, 2017. Early submission is encouraged, as teams will receive feedback. Any documentation submitted after will have a reduction in points.

Updates to Rules

- Any update to rules can be found on the Cyber Defense website under the Rules Tab. It is each team's responsibility to look for any updates or changes to the rules.

Team Meeting Memo

Memorandum

The People's Government of Pangea
Department of Information Technology
Pangea P12 35A5

To: Pangea IT Leads
Subject: Team Lead Meeting
Date: Friday, March 10, 2017

All Team Leads (Captains) are required to be at the Team Lead Meeting on Saturday, April 1, 2017 at 9:30am CT in Building 240 Room 1404. Meeting begins at 9:30am CT and tardiness will not accepted.

Topics of discussion include recent performance reviews and team departures.

Amanda Joyce

Pangea CEO

(Memo download available here)

The People's Government of Pangea
Department of Information Technology
Pangea P12 35A5

Memorandum

To:	Pangea IT Employees
Subject:	Update to Fiscal Year Funding
Date:	February 20, 2017

As you are aware the new fiscal year began January 1, 2017, management set aside enough funding to create a mail server. The mail server was a strategic decision between management and IT to make the help desk service and communication between our IT department and all company employees more functional and responsive. Previously, we had received many complaints that the response time for our established ticketing system had a negative impact on the company's efficiency.

The development of the mail server had been delegated to one of your colleagues for the past couple of months; however, as I am sure you have noticed, this person is no longer with us. We are under the impression that your colleague had already begun working on the mail server, but details on the progress is unknown.

As such, we are providing the IT team with two options:

1. Continue the mail server where it has been left off or
2. Start from scratch and create a mail server of your design.

The company's guidelines are still to be upheld. The mail server should not require any licenses and should be open source/free. Still note that the mail server needs to interface with the current ticketing system. When our employees send in a ticket, it should send the IT team (you) an email that should open a communication string of emails between both parties. We are hoping that this will help to solve a long running problem and assist in improving efficiency for us throughout Pangea.

Pangea Management

The Dont's

- Do <u>not</u> change any port numbers provided.
- Do <u>not</u> change any OS that is provided. There is ONE caveat to this:
  - OS can be patched but <u>no major version upgrades can occur</u>.
- Do <u>not</u> tamper with any other team's hardware.
- Do <u>not</u> change or delete any user information provided.
- Do <u>not</u> utilize any software that requires a license. All software must be open source and free.
- Do <u>not</u> physically tamper with any other team's physical boxes.
- Do <u>not</u> perform offensive actions toward other teams or the Argonne network.
- Do <u>not</u> touch the box or any configurations for the "Scoring" box (location box TBD).

The Do's

- Teams must set up and maintain DNS.
- Teams must set up and maintain NTP.
- We encourage innovative defense strategies, but keep in mind the requirements of open source.
- All site functionality must remain the same throughout the competition.
- You may add more users/employees to your LDAP.
- User passwords can be changed but must be <u>clearly documented</u>.
- Any port number changes must be emailed to CyberDefense-Competition@anl.gov no later than March 24, 2017.
- Any IP address changes must be updated in DNS. Please inform CyberDefense-Competition@anl.gov of any changes.