



NCAE
CYBERGAMES

PLAY | LEARN | PROTECT

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Black Team

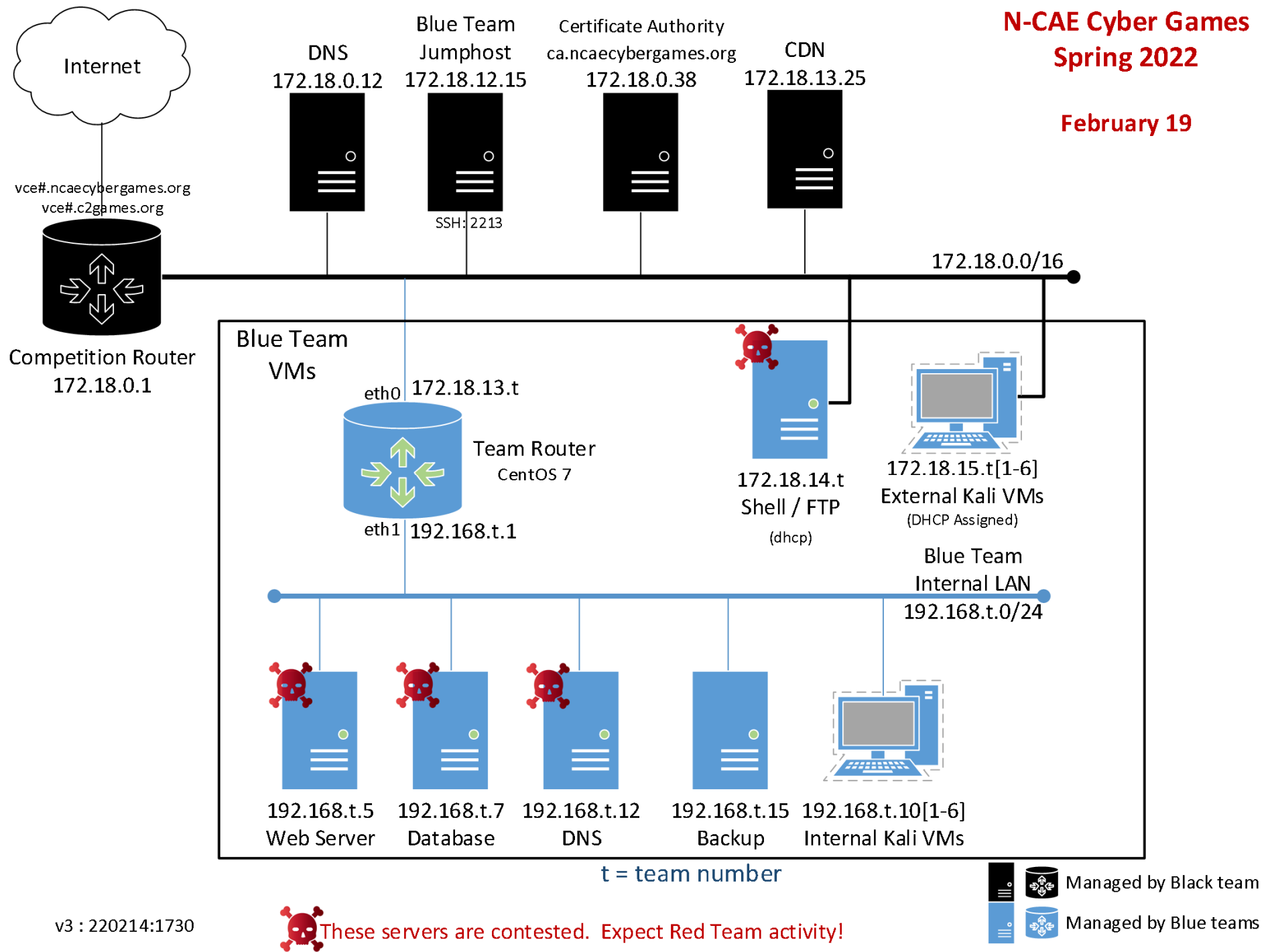
- We're responsible for managing infrastructure
 - Each Blue team will have an assigned Black team liaison to answer questions and provide assistance
 - Reach out to your Black team member if there's something you need
 - Catch us in the #blackteam-open channel
 - Summon us to your team channel by tagging your Black Team rep
 - We have support accounts on your Linux VMs
 - Usernames: blackteam & blackteam-r
 - Abusing these accounts will be out of scope for red team

Infrastructure Competition

- Each team will be given a small network to secure and defend
- You will need to bring (most of) your VMs online
 - and make some configuration changes
- Profile your system and search for configuration errors and weaknesses
- The red team will be doing this as well
 - They have the advantage
- Their goal is to infiltrate and disrupt your services
 - If your services are offline, you cannot score points!

N-CAE Cyber Games Spring 2022

February 19



Competition Environment

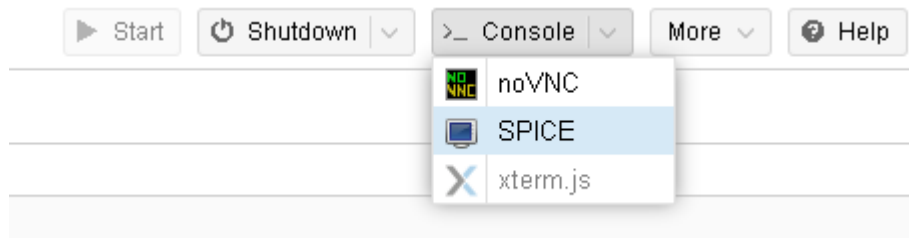
- There are two competition platforms, one for each region
- Southwest Region:
 - <http://vce1.ncaecybergames.org/>
- Midwest Region:
 - <http://vce2.ncaecybergames.org/>
- Log in with your platform credentials

Kali VMs

- Running kali rolling, currently 2021.4a
 - With some performance tweaks
 - Recently updated
- Three external and three internal
 - External Kali address are DHCP assigned
 - You will need to assign internal: 192.168.t.10[1-6]
 - Let us know if you need more VMs
- Only the first two have 3gb RAM
 - Let us know if you run into resource issues. We have some available.

Kali Virtual Console

- Use the SPICE viewer instead of VNC
 - Dual monitor and clipboard support
 - Much more responsive
 - Requires a viewer client application
 - Download from <http://www2.ncaecybergames.org/spice.html>



Infrastructure VMs

- Competition Start – 9am
 - We will release all competition VMs at once
 - IP addresses need to be assigned to all VMs on your LAN and some configuration work may be necessary to bring them fully online
 - External Kali VMs and the shell server will be DHCP assigned and online immediately
 - Scoring will start at 9am Saturday
 - Scoring schedule: 9am to 12pm then 1pm to 4pm

Infrastructure Scoring

- You will only receive points if your services are online and functioning properly
- The scoring engine can be found at
 - SW: <https://score.vce1.ncaecybergames.org/>
 - MW: <https://score.vce2.ncaecybergames.org/>
- The red team will be attempting to disrupt services and rob you of points
- Full score details will be published:
<http://www2.ncaecybergames.org/>

Scope

- It is very important to stay within scope!
- Blue Team:
 - Defense only (except CTF challenges, where appropriate)
 - May not access other team's resources
 - Including their VMs and Discord channels
 - May not interfere with or access Black Team infrastructure
 - May not attack back at Red Team
- Red Team:
 - May not use blackteam or blackteam-r shell accounts
 - May not access blue team SSH jumphost
 - May not abuse VM scoring accounts
 - May not access blue team Discord channels

More Information

<http://www2.ncaecybergames.org/>

#blackteam-open on Discord

