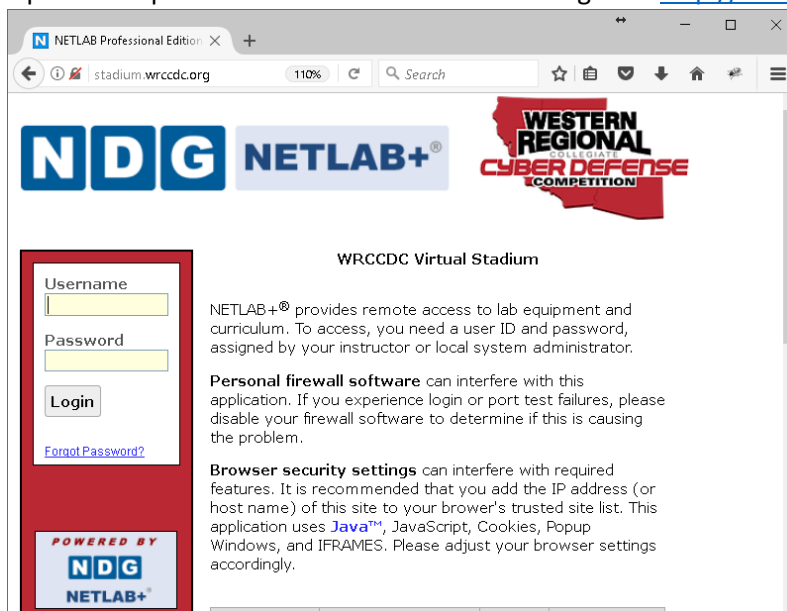


WRCCDC Practice Environment

Reservation Instructions

1. Be sure to obtain a list of credentials for the practice environment from team officials. In most cases, these credentials will be distributed through an email to the team captain, or the person that originally registered the team. If you lost or need a password reset, please send an email with your username(s) to James Schneider (james@wrccdc.org).
2. Open a compatible web browser to the following URL: <http://stadium.wrccdc.org>



The screenshot shows a web browser window with the address bar displaying "stadium.wrccdc.org". The page features the NDG NETLAB+ logo on the left and the Western Regional Collegiate Cyber Defense Competition logo on the right. The main heading is "WRCCDC Virtual Stadium". Below this, there is a login form with fields for "Username" and "Password", a "Login" button, and a "Forgot Password?" link. To the right of the form, there is explanatory text about NETLAB+ and instructions regarding firewall and browser security settings.

WRCCDC Virtual Stadium

Username

Password

Login

[Forgot Password?](#)

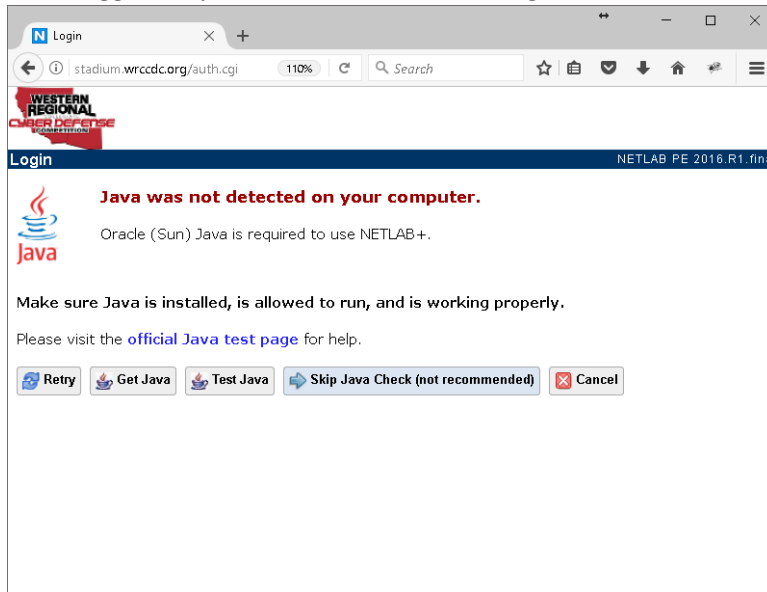
POWERED BY
NDG
NETLAB+

NETLAB+® provides remote access to lab equipment and curriculum. To access, you need a user ID and password, assigned by your instructor or local system administrator.

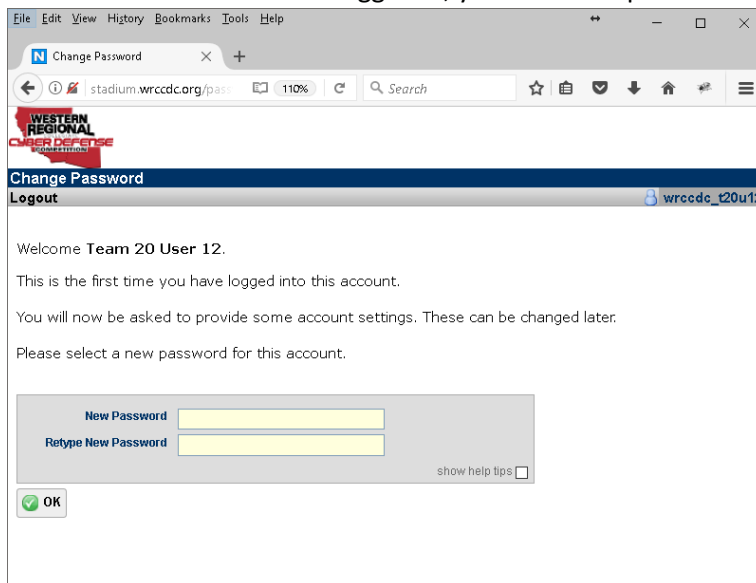
Personal firewall software can interfere with this application. If you experience login or port test failures, please disable your firewall software to determine if this is causing the problem.

Browser security settings can interfere with required features. It is recommended that you add the IP address (or host name) of this site to your browser's trusted site list. This application uses **Java™**, JavaScript, Cookies, Popup Windows, and IFRAMES. Please adjust your browser settings accordingly.

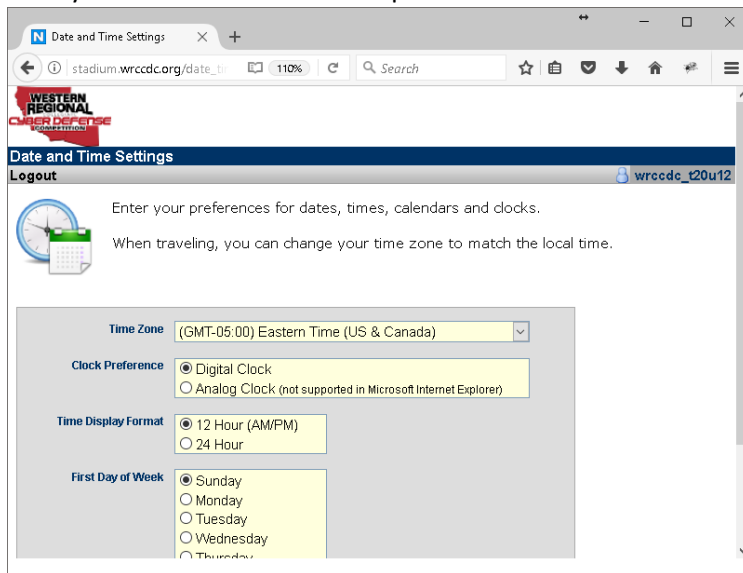
3. Once logged in, you should see the following screen:



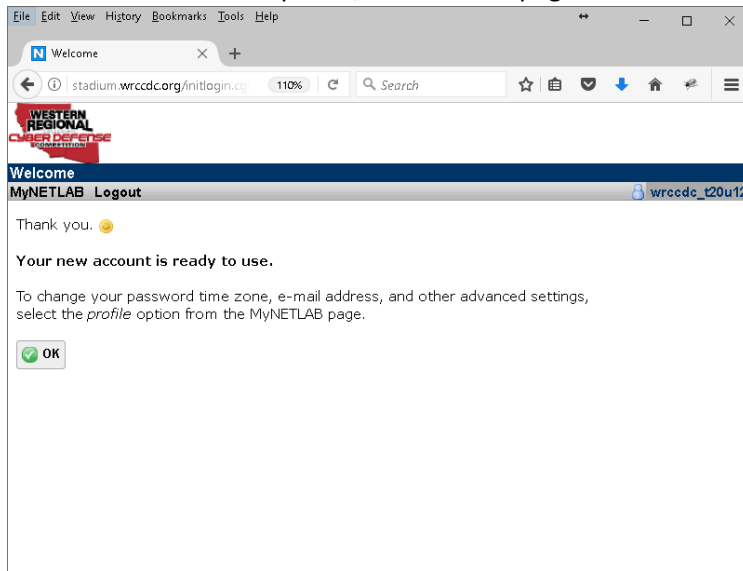
4. In most cases, the Java plugin will not be detected correctly, due to most modern browsers disabling support for NPAPI plugins. If you are sure you have Java installed, click the *Skip Java Check* button to continue.
5. The first time an account is logged in, you will be required to change your password.



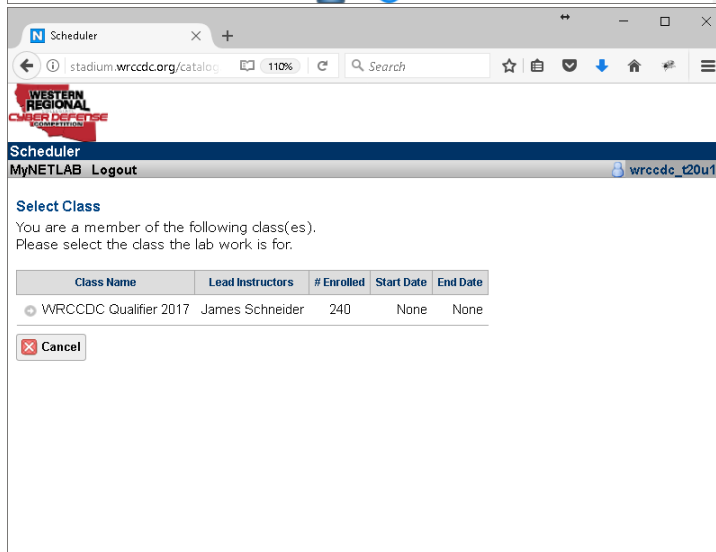
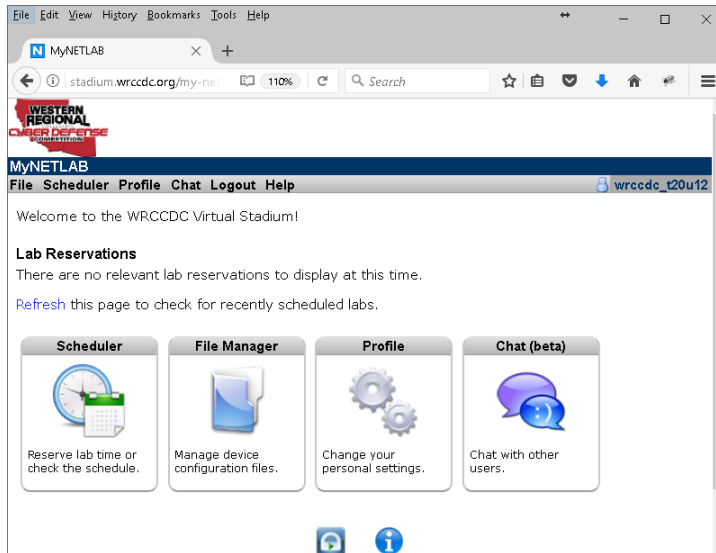
6. The system will ask about other preferences. *Be sure to set the correct time zone.*



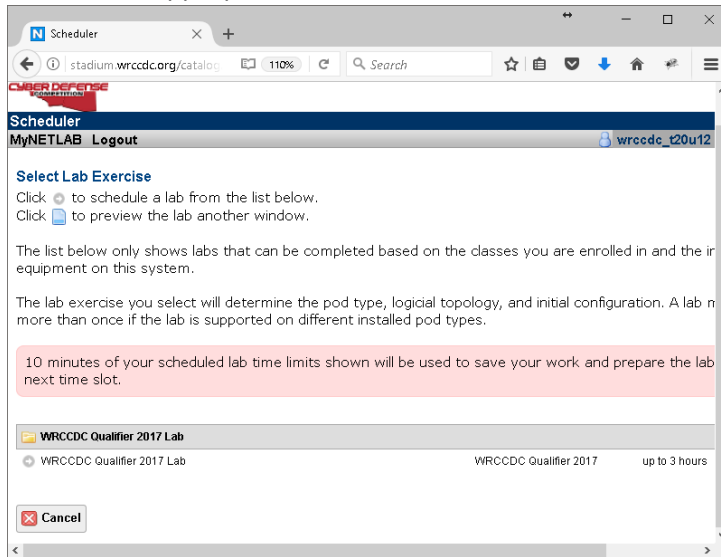
7. The next step requires that a port test take place to ensure connectivity to the remote viewers. Click *Start Remote Access Test*, and a Java Web Start package will be downloaded, and should be run. Once the test completes, the browser page will automatically be advanced.



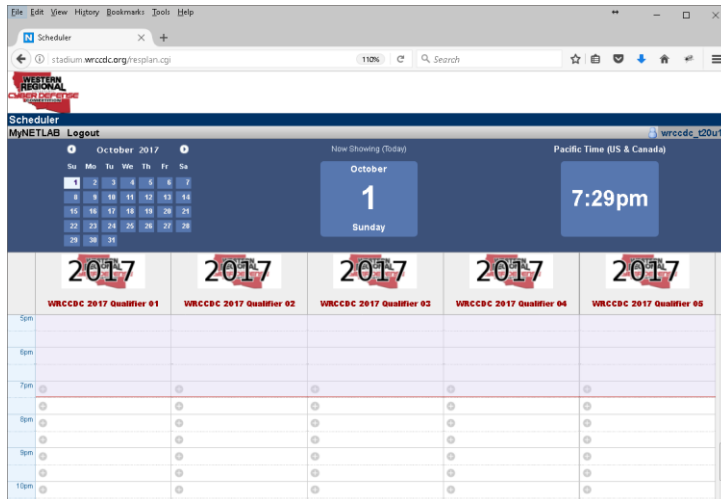
8. You'll then enter the main landing page for the virtual stadium. Click on *Scheduler*. You'll be asked a series of questions to determine the type of pod you want to reserve:



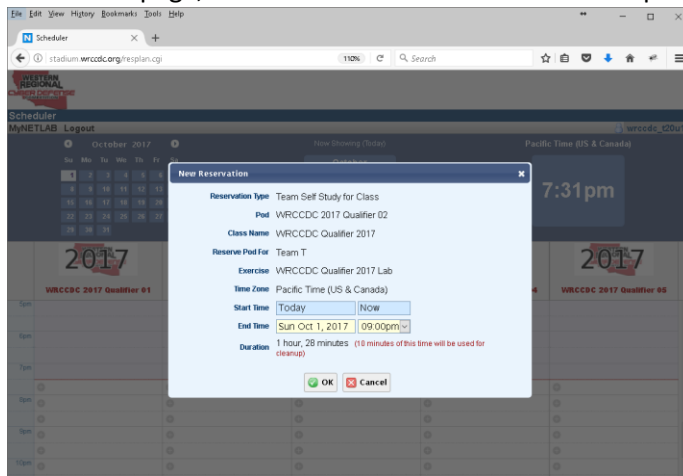
9. Click on the appropriate class and lab exercise. In most cases there will only be one option:



10. Click on the a time slot for the beginning of your reservation. Each column represents an equipment pod. All pods should be the same, so if a particular pod is not available during a time slot, you may select another pod in a separate column:



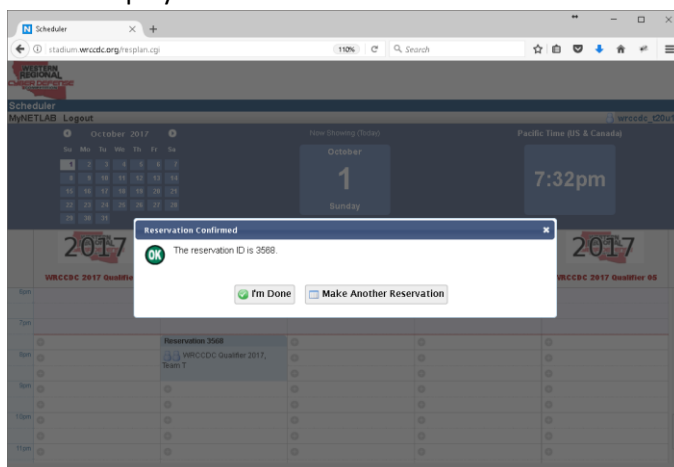
11. Select a day on the calendar where your reservation will begin. The current day is selected by default. The available times for each pod will be displayed as white rows. To select a starting time for a pod, click on the white block in the row that matches the starting time along the left side of the page, and in the column that matches the pod you wish to reserve:



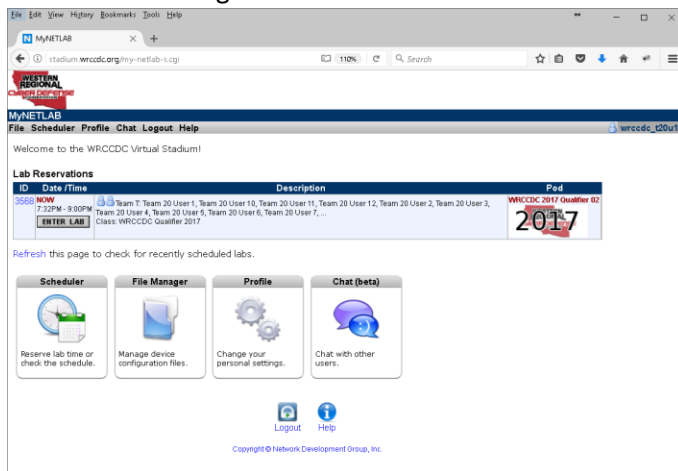
The starting time and pod will be automatically set based on the row block that was selected. The end time cannot be more than 8 hours from the start time. The beginning of a consecutive reservation must be more than 16 hours from the end of your last reservation.

Note that for the purposes of the practice session, it does not matter if the pod matches your team number (in almost all cases, it will not). All of the pods should be the same, with the only difference being the external IP on the firewall VM matching the number of the team.

12. Click the **OK** button to confirm your registration. If no errors are found, your reservation number will be displayed:



13. You can make another reservation or head back to the main Netlab landing page. Your reservation should be showing:

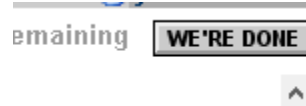


When the reservation time begins, the lab reservation will have an *Enter Lab* button to allow access to the topology.

Other Reservation Considerations:

- Multiple reservations can be made ahead of time as long as the time limits between reservations are observed.
- Only one reservation needs to be made per team. All members of the team have access to the same pod concurrently.
- Ten minutes at the beginning and end of the reservation are needed for VM resets and setup/teardown. Plan your activities accordingly.

- You may enter/leave the pod as you wish within the reservation time interval by simply closing your browser windows. DO NOT click the *WE'RE DONE* button unless you are actually done using the pod for that reservation. Clicking the *WE'RE DONE* button will end the reservation and reset the topology. You will no longer have access to the pod.



- You can also 'scrub' one or all of the machines within your pod. The *Action* tab allows automatic scrubbing of the hosts within your topology, reverting them back to their original state.
- Your private IP address space within the pod will always be the same regardless of the pod you choose. The 'public' address space for your pod will match the team number of the pod you reserved, plus 100, in the third octet of the 192.168.1XX.X/24 range. So for team 3, your 'public' IP address space would be 192.168.103.X/24. The team number you selected should be listed on the reservation information.

Connection Information

Practice Environment URL: <http://stadium.wrccdc.org>

Max Reservation Time: 8 Hours

Minimum Time Between Reservations: 1 Hour

Credentials: Check with team captains.

Support email: james@wrccdc.org

Happy Practicing!