

Team ISEAGE

Iowa State University

(Team 9)



Green Team Documentation

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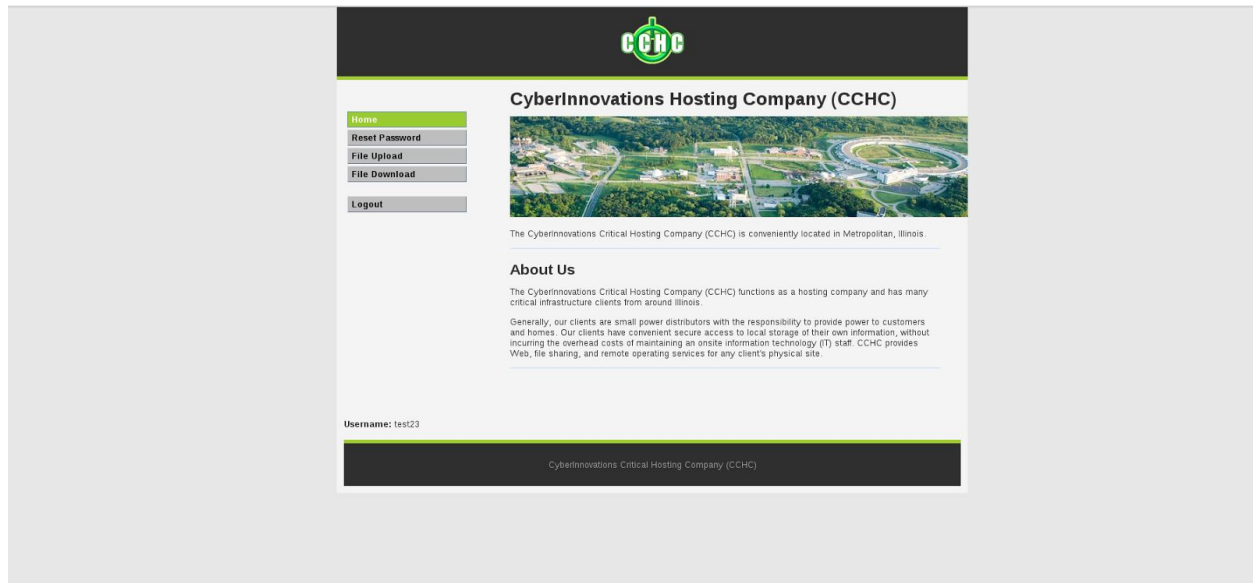
Website

Access the Public Website

1. Please follow the steps on on the 8th page of this packet in order to start your RDP session. These will be found under Remote Operations Server on that page.
2. Then, open up Firefox. If this is not on the desktop, simply hit the Windows key, then type "Firefox". The application will appear just below the search box
3. In the address bar, type "www.site9.cchc.competition"
4. This will take you to the main page of our website

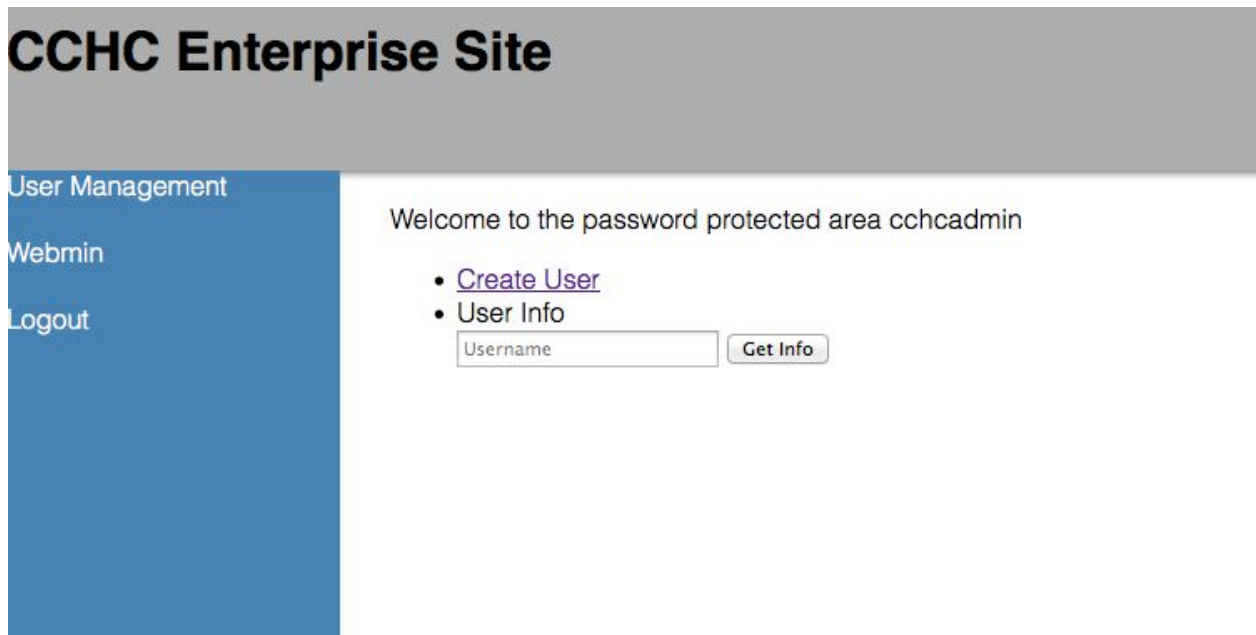
Login to Customer/Employee Sites

1. From within the RDP session, open Firefox.
2. Type "www.site9.cchc.competition/admin" into the address bar, and hit Enter
3. There will be a prompt for credentials, so enter your username and password in their respective fields, then hit Login
4. You will be directed to the the web interface where you will have features and functionality that matches your role.



Employee: Manage Users

You must first login as an Employee to use this feature.



The screenshot shows the 'CCHC Enterprise Site' header. On the left is a blue sidebar with links: 'User Management' (highlighted), 'Webmin', and 'Logout'. The main content area has a grey header with the site name. Below it, a welcome message reads 'Welcome to the password protected area cchcadmin'. A list of links includes 'Create User' (underlined) and 'User Info'. Below 'User Info' is a text input field labeled 'Username' and a 'Get Info' button.

1. When you login you will be presented with user management options.

Create User

1. To create a new user, click on "Create User." You will see the following screen.

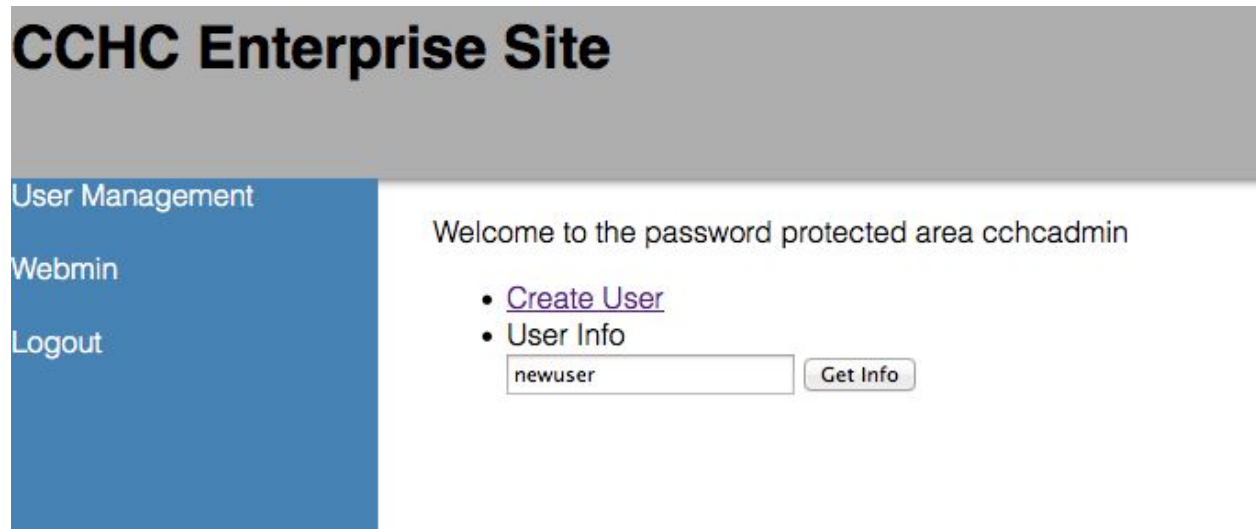


The screenshot shows the 'CCHC Enterprise Site' header. On the left is a blue sidebar with links: 'User Management' (highlighted), 'Webmin', and 'Logout'. The main content area has a grey header with the site name. Below it, the title 'Create User' is displayed. The form includes: 'Username:' with a text input field and a note 'Required. 30 characters or fewer. Letters, digits and @/./+/_ only.'; 'Password:' with a text input field; 'Role:' with a dropdown menu showing 'Customer'; and a 'Save' button at the bottom left.

2. From there you can enter a username, password, and user type to create a new user.

Get Current User Info

1. To manage users, click on the “User Info” link from the “User Management” section.
2. From there, enter a username and click “Get Info”



Employee: Access Webmin

1. To access webmin you need to open www.site9.cchc.competition:10000
2. You will only be able to login as admins.

Customer:

1. Follow the instructions on the 3rd page of this packet for instructions on logging into the website using the portal
2. Once you are logged in, you follow the respective tabs (on the left hand side column) and instructions on the site itself in order to upload and download files and change password.

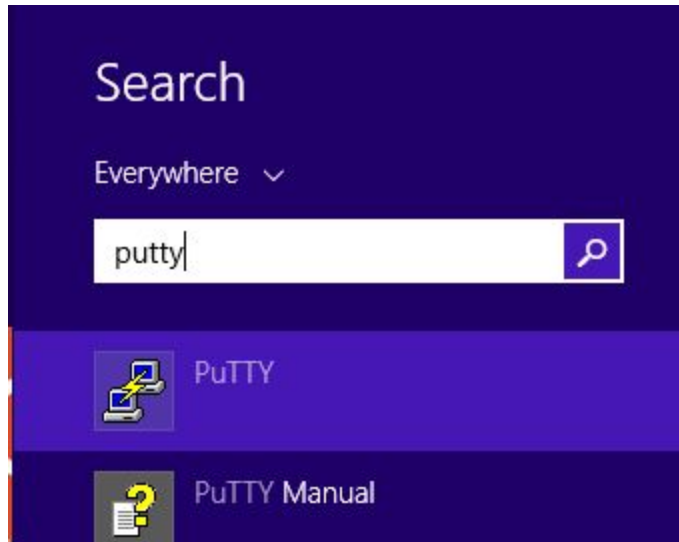
Administration of WWW/FTP via SSH

Note: This section is for Administrators only.

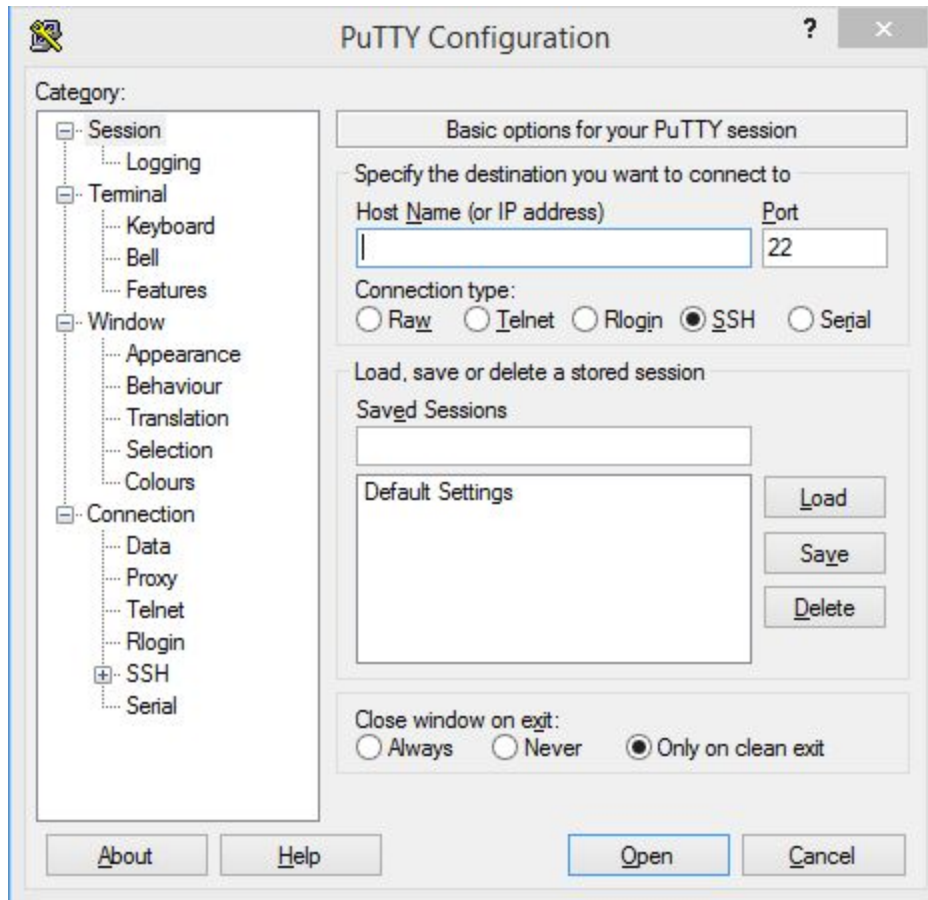
To do general administration tasks on the WWW or FTP machines, we have provide SSH access to the administrator accounts: cchcadmin and root.

Requirement: You must have Putty or some other SSH client installed to perform this task. You may download and install Putty from:
<https://the.earth.li/~sgtatham/putty/latest/x86/putty.exe>

5. Open Putty



You should see the following program appear.

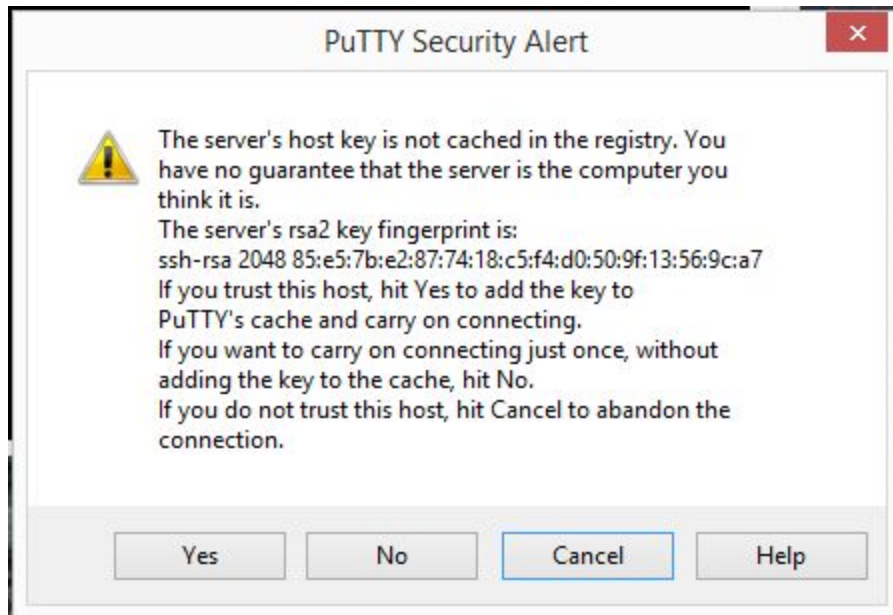


6. In the Host Name field type one of the following URLs:

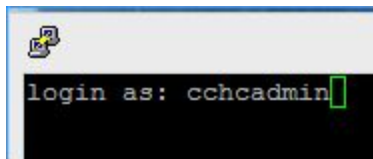
| | |
|---------------------------|------|
| Host Name (or IP address) | Port |
| <input type="text"/> | 22 |

Connection type:

- a. www.site9.cchc.competition
 - b. [Ftp.site9.cchc.competition](ftp://site9.cchc.competition)
7. Then either press enter or click "Open"
8. You may receive the following warning message. If you do, simply click "yes" to continue.



9. Then you will be prompted to enter your username and password. Once you enter your credentials correctly, you will have SSH access to administrate the system.



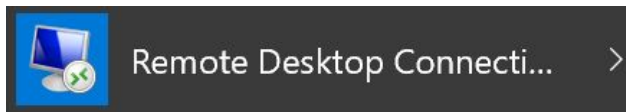
Remote Operations Server (RDP)

Accessing the Remote Operations Server

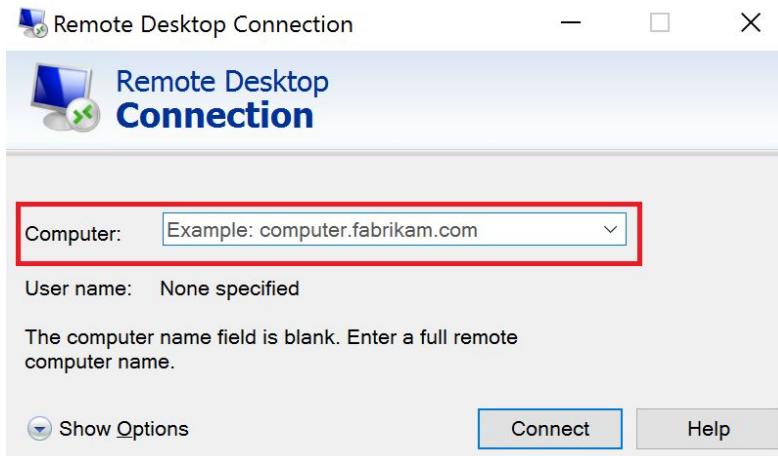
1. Press the Windows key located at the bottom right of your keyboard



2. Type “Remote Desktop Connection”, then hit Enter



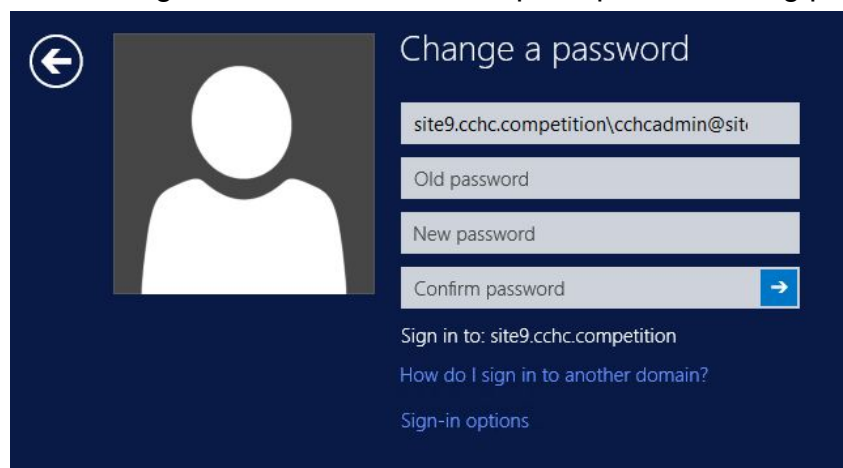
3. You will be prompted to provide the online location of our RDP server in the “Computer” field. Type “rdp.site9.cchc.competition” in this field, then hit Enter



4. You will be prompted to provide credentials (your username and password). Enter those in their respective fields, then hit Enter. Note that the username should have “SITE9\” prepended to it (e.g. “SITE9\johndoe”)
5. At this point, the RDP client will connect to our RDP server and provide you with a new Windows desktop to work with.

Change Password

1. Log in to the RDP server as shown above.
2. From the Desktop press Ctrl+Alt+End this will bring up a menu where you should select “Change a Password” this will open up the following page.



3. Enter your old password and new password and click on the next button.
4. You have now changed your password on the domain and this will affect all services

Using the Simmons Systems HMI

1. On the desktop of your remote Windows desktop, you will find a shortcut called "SimmonsSystemHMI". Double-click to open this application



2. Mozilla Firefox will open to the URL "hmi.site9.cchc.competition". You must use Firefox
3. When the browser opens, you may be prompted to import settings from another browser. This is not mandatory and is at your discretion. We recommend skipping this step, however.
4. You may also be prompted to make Firefox your computer's default browser. We recommend skipping this step.
5. At this point, you will be presented with the HMI, where you are free to do what you need.

FTP Server

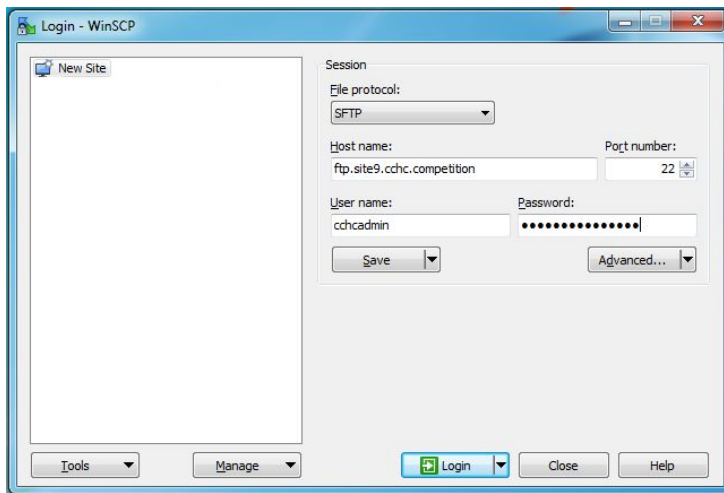
Transferring Files Using WinSCP

Note: As FTP is a publicly provided service, you may follow the procedures below on your personal computer as opposed through the remote desktop. You will get the same functionality, though we recommend using the remote desktop.

1. On the desktop of your remote Windows desktop, you will find a shortcut to an application called WinSCP, which will allow you to transfer files from your remote Windows computer to another computer on the network



2. Double-click on this icon to open the application
3. The connection manager will now appear on the screen.
4. At this point, you will need to type the destination for the file transfer in the "host name" field at the top left of the window. The destination will be "ftp.site9.cchc.competition" and input your username and password. The File protocol should be SFTP on Port 22 as shown below



5. Click Login and a box will popup that will show you local files on the left side and the remote files on the right. From here it is as simple as dragging and dropping a file to move it. This is shown below.

