# Navigating HTB

Hack The Box provides a wealth of information for anyone getting started in penetration testing or looking to enhance their skillset. The website offers many learning opportunities so understanding its structure and layout is imperative to make the most of the learning experience.

Profile

You can access your HTB profile page either on the left pane or by clicking on your username on the top pane.
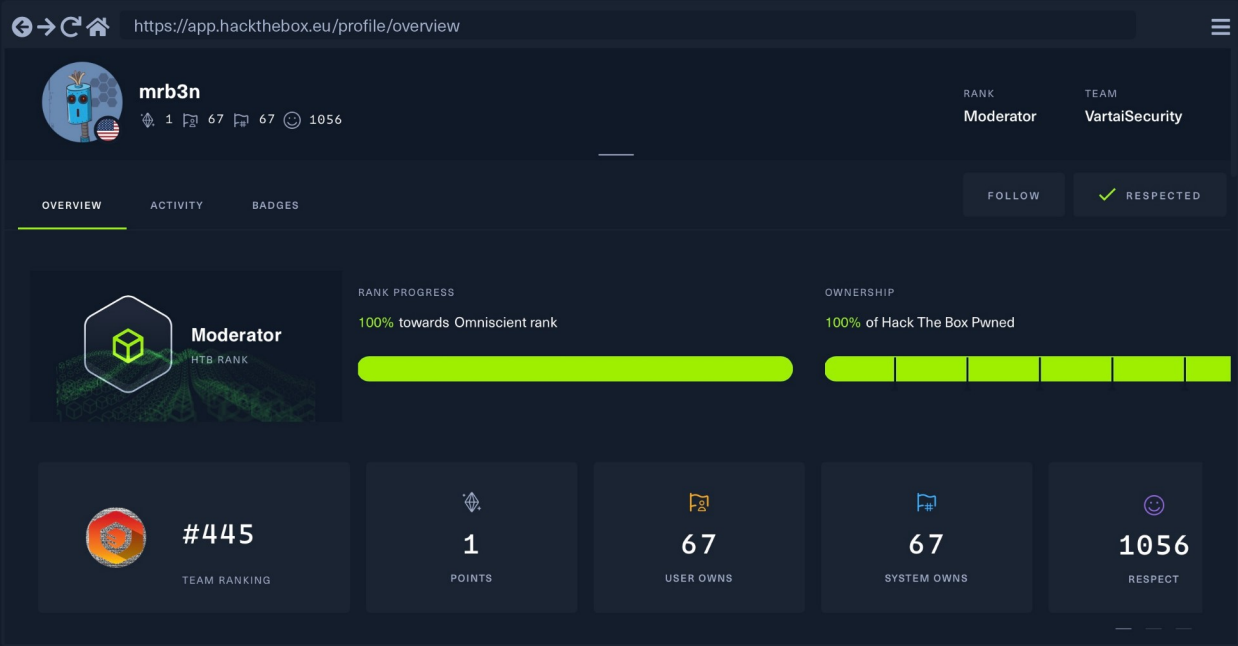
Your profile page shows your HTB statistics, including your rank, progress towards the next rank, percentage towards owning various HTB challenges and labs, and other similar statistics.

146/194

MACHINE PROGRESS

41/181

CHALLENGE PROGRESS

You can also find detailed statistics about your machine and challenge progress, along with your progress history for each. You can also find various badges and certificates you've earned. You can share your profile page by clicking on the `Share Profile` button.

Rankings

The HTB Rankings page shows current rankings of users, teams, universities, countries, and VIP members.

https://app.hackthebox.eu/rankings/teams

Rankings
Hack The Box rankings throughout the platform

HALL OF FAME	TEAMS	UNIVERSITIES	COUNTRIES	VIP

Search Teams...

RANK	TEAM	POINTS	USERS	SYSTEMS	CHALLENGES	FORTRESSES	ENDGAMES
— 🏆	TheATeam	2455	195 🔥 40	194 🔥 49	170	26	13
— 🏆	BirdsArentReal	2219	194 🔥 4	194 🔥 3	173	26	13
▲ 🏆	TheWINRaRs	2167	135	131	142	26	13

You can also view your ranking among other users, your best rank, and your general progress. In addition to that, your ranking and points add up to your country ranking, which you can view as well on the country ranking page. If you are in a team or university, your points would add up to them as well. If you are a user with a VIP subscription, you can view your VIP rank, which counts points gained on all machines, including retired machines. When we start on the main HackTheBox page, we see the Labs tab on the side panel, which includes the following main sections:

https://app.hackthebox.eu/home

Tracks	Machines	Challenges	Fortress	Endgame	Pro Lab

Tracks

Tracks
Tracks created by users, companies and universities.

EASY

Beginner Track
By Hack The Box
595 LIKES

EASY

Intro to Dante
By Hack The Box
169 LIKES

INSANE

Intro to Offshore
By Hack The Box
43 LIKES

MEDIUM

Active Directory 101
By Hack The Box
135 LIKES

`HTB Tracks` is a great feature that helps in planning your next machines and challenges. A Track is a selection of machines and challenges tied together for users to progress through mastering a particular subject. Whether you are just getting started, or want to test your Active Directory skills, or are ready for a challenge in the Expert track, you will find an appropriate track that includes a great selection of machines and challenges that will help you enhance your skill set in a specific area. Tracks are created by the `HTB` team, companies, universities, and even users. When you click on a track, you will see all of its machines and challenges, your progress in each, and your general progress in the track.

Beginner Track
EASY

👍 **595 LIKES**   **ENROLL**

Lame
EASY

Find The Easy Pass
EASY

Templed
EASY

Weak RSA
EASY

82%
TRACK PROGRESS

You can easily enroll into the track and start working your way through it.

Machines

Next, we have the `Machines` page, one of the most popular pages on `HackTheBox`.

Machine Lab

All the official Hack The Box Machines created by the HTB team and community members. One new release every week.

NEW MACHINE
Tenet

LIVE

DIFFICULTY
Medium

OPERATING SYSTEM
Linux

Play Machine

MACHINE
Registry

STAFF PICK

DIFFICULTY
Hard

OPERATING SYSTEM
Linux

Play Machine

The first thing you'll see is two recommended machines that you can play, one is the latest released weekly machine, and the other is a `Staff Pick` machine that is recommended by `HTB` staff.

https://app.hackthebox.eu/machines

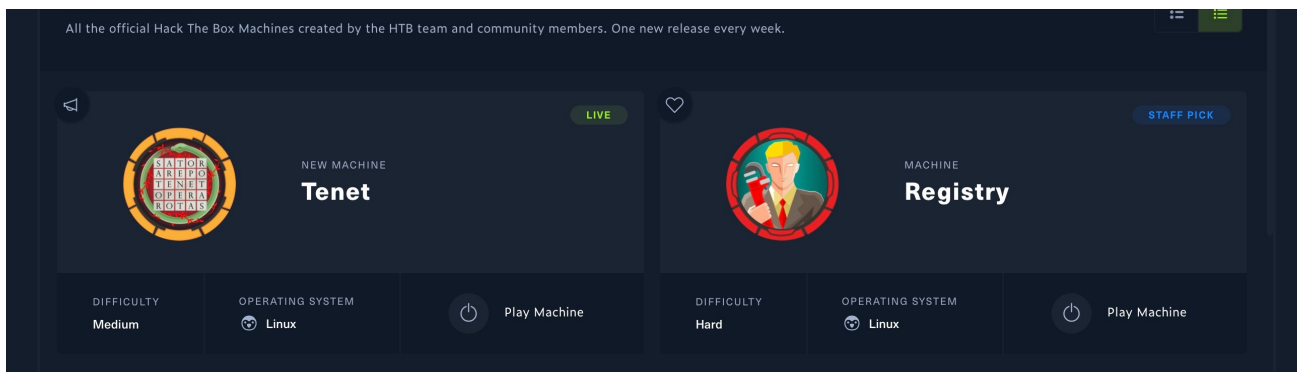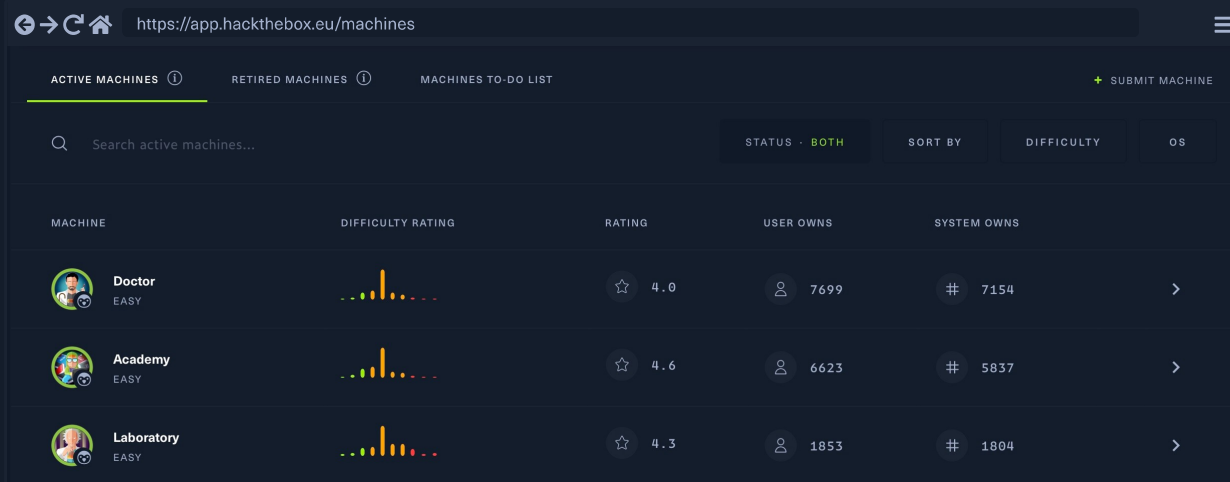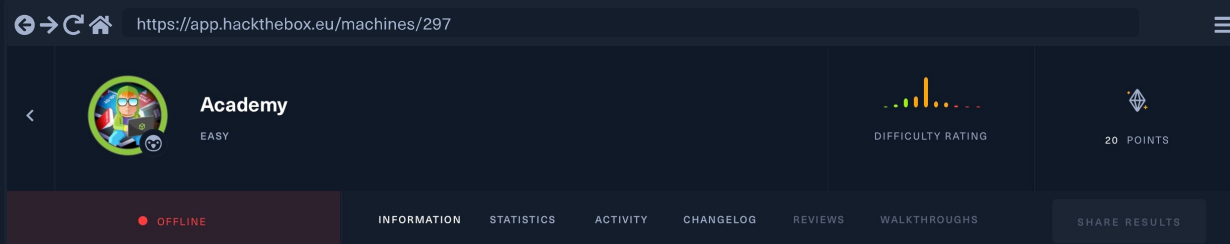| ACTIVE MACHINES ⓘ	RETIRED MACHINES ⓘ	MACHINES TO-DO LIST				+ SUBMIT MACHINE

🔍 Search active machines...   STATUS · BOTH   SORT BY   DIFFICULTY   OS

MACHINE	DIFFICULTY RATING	RATING	USER OWNS	SYSTEM OWNS	
Doctor EASY		☆ 4.0	👤 7699	# 7154	>
Academy EASY		☆ 4.6	👤 6623	# 5837	>
Laboratory EASY		☆ 4.3	👤 1853	# 1804	>

If you scroll down, you'll find a list of all `HTB` machines in two tabs: `Active` and `Retired`.

`Active Machines` are the ones that give you points for your ranking, but you will have to solve them on your own using your pentesting knowledge. There are always 20 active machines distributed between difficulties. A new machine is added weekly, and one of the active ones gets retired, and its points get cleared for everyone.

`Retired Machines` are all machines previously featured as a weekly active machine. You can find a walkthrough for each of them to follow, but the retired machines will not give you any points towards your ranking, though they do provide you VIP ranking points, as previously discussed.

Note: Retired machines are only accessible with a VIP subscription, as only the two most recently retired machines are accessible for free.

You can filter machines based on machines you've completed or not and based on their difficulty or operating system type. You can also sort the machines by their release date, rating, or user-rated difficulty. If we click on any machine, we are taken to its machine-specific page.

https://app.hackthebox.eu/machines/297

< **Academy**
EASY

DIFFICULTY RATING

💎
20 POINTS

● OFFLINE   INFORMATION   STATISTICS   ACTIVITY   CHANGELOG   REVIEWS   WALKTHROUGHS   SHARE RESULTS

You will be able to play the machine by clicking on `Join Machine`, after which you will get the machine's IP, which you can access once you are connected through `HTB` VPN. You can also submit the user and root flags you find on this page.

If the machine is retired, you can click on the `Walkthroughs` tab to see a list of provided walkthroughs, both written and videos. Finally, you can check the statistics and activity tabs for the most recent user statistics and activity.

Challenges

The layout of the challenges page is similar to the machines page. You will find both `Active` and `Retired` challenges sorted into ten different categories, each of which has a maximum of 10 challenges. You can click on any category to preview the list of challenges within it, and then you can click on any challenge to view its page and submit its flags.

Fortress

Fortresses are vulnerable labs created by external companies and hosted on `HackTheBox`.

Each lab has several flags that can be found and submitted to the Fortress page. Once you completed the lab by finding all flags, you

are awarded a badge from the company that created the fortress. Some companies also provide job offers that are linked to completing the labs to qualify. You need to hold HTB rank Hacker and above to play fortresses. Try to up your ranking by playing active machines and challenges to qualify.

Endgame

Endgames are virtual labs that contain several machines connected to a single network. The scenarios strive to reflect a real-world situation you may encounter when performing a pentest for an actual company.
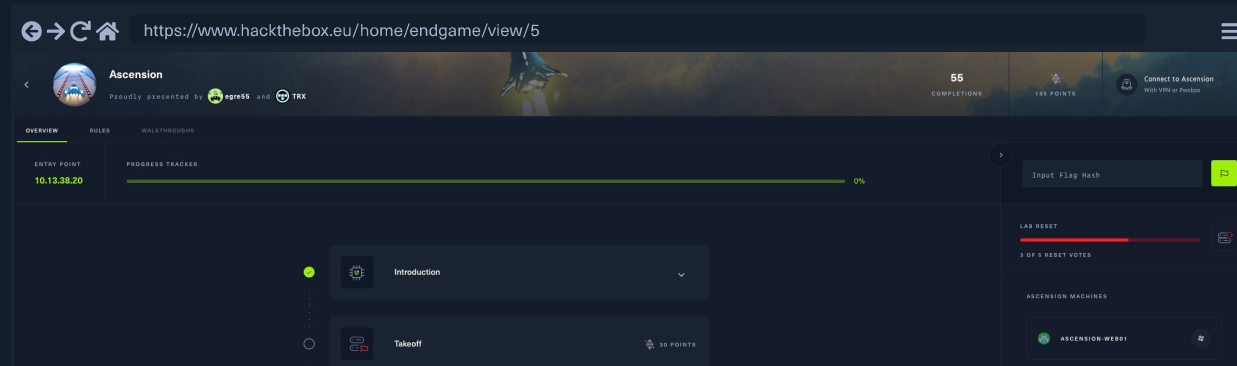
Just like machines, each Endgame lab has a specific attack path that you need to exploit. However, as Endgames have multiple machines, we can learn specific attack paths that we cannot otherwise learn using a single machine only. You need to be of HTB rank Guru and above to play Active Endgames. Retired Endgames are only available to users with a VIP subscription, and they can be played at any rank.

Pro Labs

Pro Labs are the ultimate lab experience, as they are designed to simulate a real-world enterprise infrastructure, which is an excellent chance for testing out your pentesting skills.
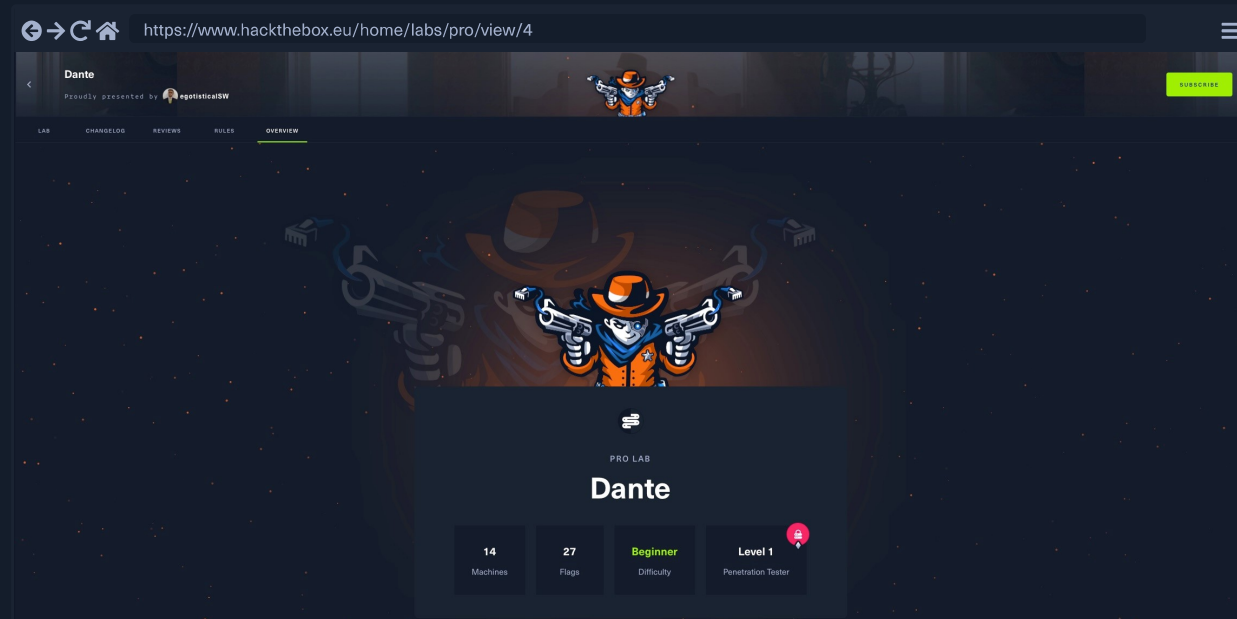
Pro Labs are large and can take a while to finish and learn all of their attack paths and security challenges. Each Pro Lab has a specific scenario and level of difficulty:

Lab	Scenario
Dante	Beginner-friendly to learn common pentesting techniques and methodologies, common pentesting tools, and common vulnerabilities.
Offshore	Active Directory lab that simulates a real-world corporate network.
Cybernetics	Simulates a fully-upgraded and up-to-date Active Directory network environment, which is hardened against attacks. It is aimed at experienced penetration testers and Red Teamers.
RastaLabs	Red Team simulation environment, featuring a combination of attacking misconfigurations and simulated users.
APTLabs	This lab simulates a targeted attack by an external threat agent against an MSP (Managed Service Provider) and is the most advanced Pro Lab offered at this time.

Pro Labs require a separate subscription plan. Once you complete a Pro Lab, you get an HTB Certificate of Completion.

Battlegrounds

The latest addition to `HackThebox` is `HTB Battlegrounds`.

`HTB Battlegrounds` is a real-time game of strategy and hacking. You can play in a team of 4 or a team of 2.

`Cyber Mayhem` battles are based on the attack/defense style, in which each team is assigned several machines that they have to defend against attacks while attacking the other team's machines. Each attack/defense gives you a certain amount of points, and each flag collected counts as well. You play for a certain amount of time, and the team with the most points at the end wins.

`HTB Battlegrounds` is available for everyone to play, but there's a limit on the number of allowed matches, as follows:

Status	Matches
Free Users	2 matches per month

Free users	2 matches per month
VIP	5 matches per month
VIP+	10 matches per month

`Server Siege` mode is an attack-only style, in which the team who can hack the other team faster wins. You can find a detailed article about `HTB Battlegrounds` in this link.

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📄 Cheat Sheet

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OFFLINE

▶ Start Instance

1 / 1 spawns left