

Introduction

The vLabs gateway is designed to provide clientless RDP access to Hewlett Packard Enterprise Virtual Labs equipment and is supported by most mainstream browsers.

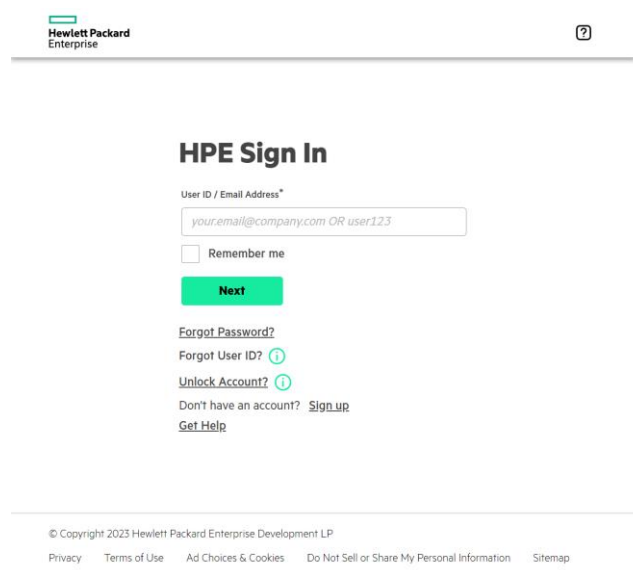
Operating Systems

The HTML5 gateway should be OS-agnostic and has been tested broadly on Microsoft Windows, Mac and Linux Operating Systems. Please provide details of your OS type if submitting feedback.

Accessing the Gateway

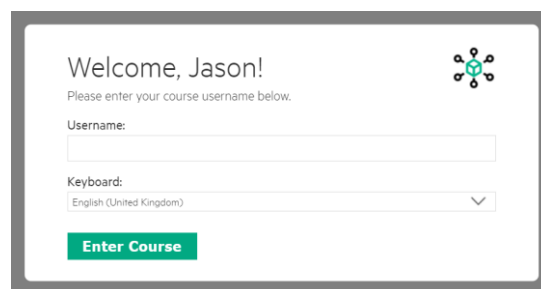
Access to all vLabs equipment is available at <https://gw.vlabs.hpe.com> :

Logging in to the gateway



The screenshot shows the HPE Sign In page. At the top left is the Hewlett Packard Enterprise logo. The main heading is "HPE Sign In". Below it is a text input field for "User ID / Email Address*" with the placeholder text "your.email@company.com OR user123". There is a "Remember me" checkbox below the input field. A green "Next" button is positioned below the checkbox. Underneath the button are several links: "Forgot Password?", "Forgot User ID?" (with a question mark icon), "Unlock Account?" (with a question mark icon), "Don't have an account? [Sign up](#)", and "Get Help". At the bottom of the page, there is a copyright notice: "© Copyright 2023 Hewlett Packard Enterprise Development LP" and a row of links: "Privacy", "Terms of Use", "Ad Choices & Cookies", "Do Not Sell or Share My Personal Information", and "Sitemap".

If you are not already logged in to the HPE OnePass portal, you will be redirected to do so. Provide your HPE OnePass username & password at the prompts and you will be redirected back to the vLabs gateway where you will enter your username, given by your instructor or received via email. If you do not have a HPE OnePass login, you will be able to create one at this stage. Please make your keyboard selection if it differs from the default.

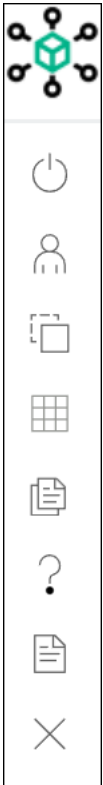


The screenshot shows a "Welcome, Jason!" message. Below the greeting is the instruction "Please enter your course username below." There are two input fields: "Username:" and "Keyboard:". The "Keyboard:" field has a dropdown menu currently showing "English (United Kingdom)". A green "Enter Course" button is located at the bottom of the form.


You are required to log in to OnePass at least daily to reauthenticate but once you have entered your vLabs username once you will be passed through to your lab environment upon each authentication.


Toolbar


On the left side of your gateway window is a vertical toolbar:





Click on the **vLabs logo** to open vLabs home page.


 **vApp control tool.** The vApp control tool is only displayed for specific courses. When displayed, a menu is available with various options such as “Revert”, to return a vApp to its “day 1” state. This button may be displayed but disabled (greyed out) if some conditions are not met, such as the existence of a vApp snapshot. User confirmation is required before any destructive action is taken.


 **More information tool.** Click on the 'Info' or 'Notifications' tabs to view its content. The info tab will display information pertinent to your RDP session: gateway session ID, user login, vLabs reservation ID, access VM login info, The Notifications section contains important notification messages.


 **Shadow.** This tool will display a dialog with a shadow link. You can provide this link to others who may use the url to shadow your session.

 **Virtual Keyboard.** This button toggles a full keyboard overlay. Click on a key to send that keystroke to your remote desktop. Useful if your physical keyboard has problems with specific keys, or if you need to use key sequences like Alt+Ctrl+Del.

 **Clipboard.** Use this tool to copy/paste from your RDP session to your local desktop. When you copy text in your RDP session (using ctrl-c or an application's copy menu), the text will appear in this clipboard window. Select the text and use ctrl-c to copy to the local clipboard.

 **Help.** Click on the 'Toolbar' or 'About' tabs to view each section. The toolbar section explains the purpose of each tool in the toolbar. The About section contains useful info such as a link to the user guide and gateway version.

 **Embedded Learner Guide.** For certain courses, this tool gives access to your class lab guide directly in vLabs user interface. For more detail, see later in this guide.

 **Close.** Click on this tool to logout nicely. It will redirect you back to the login page.

 **Instructor tools.** This tool provides various links and tools reserved for the instructor.

- Instructor Links: environment guide, ticket form, feedback form.
- Class Status: student 'online' indicators with shadow links or RDP connect buttons.
- Reservation Information.
- vApps and VMs status per student with start/shutdown controls.

Copy/Paste

You can copy and paste between your local desktop system and the remote machine according to browser support. Use 'ctrl+c' to copy selected text and 'ctrl+v' to paste. This method is bi-directional. The new clipboard tool in the toolbar is made to help you copy text from your RDP session to your own PC.

Session Shadowing

The shadow tool in the left toolbar will display a dialog with a shadow link. You can provide this link to others who may use the url to shadow your session and have control. Their mouse pointer will be tagged with their username.

Either copy the session link and send it to your lab partner or, if that is not possible, your partner/instructor can create their own session shadowing link incorporating your unique session id.

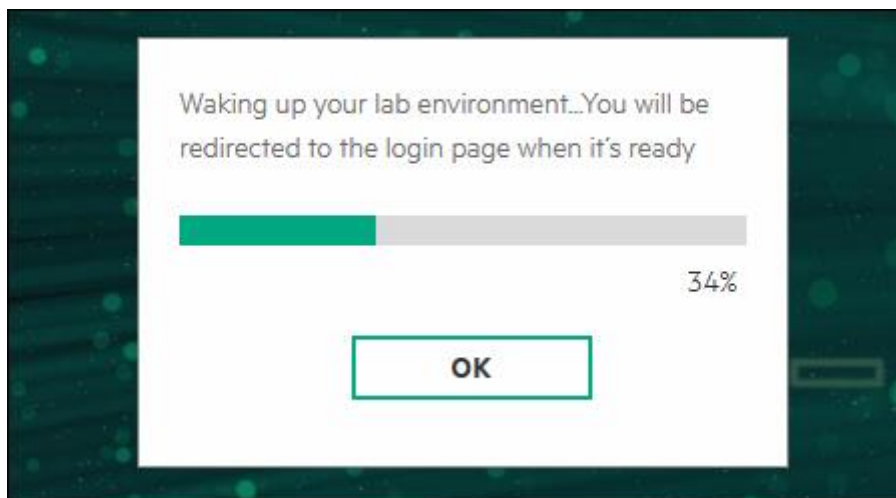
To build a session shadowing URL, use: https://gw.vlabs.hpe.com/join.html?id=session_id

Testing Access

It's possible with the **vlabtest / VLpass2!** login. See https://vlabs.hpe.com/guides/vlabs_access.pdf

Sleeping Labs

If you have not accessed your lab environment in the last 14 days, it may have been shut down automatically to save resources. But don't worry, when you'll login next, your lab environment will be automatically woken. You'll need to wait a few minutes...



Support Web Site: <https://vlabs.hpe.com/>

Embedded Learner Guide

For certain courses, the embedded learner guide is available. This is a copy of the course lab guide embedded within the vLabs gateway UI & can be accessed via the toggle icon on the toolbar. Once launched, the lab guide will appear in a left docked position but is movable according to the controls in the upper right corner of the ELG window.