# Setup Guide for

# Hortonworks Training Lab Environment on AWS using Guacamole

Revision 1.0
Hortonworks University

# System Requirements

The following is the recommended minimal system requirements:

- Reasonably powerful **x86/amd64 hardware.** Intel Core2 Duo or AMD Athlon Dual-Core or equivalent or above.

- RAM: At least **2GB**
- Free disk space: **2GB**

- A good consistent Internet connection: broadband, cable, DSL, etc. (wired connection preferred)
- Client machine should be connected to Internet directly without sending traffic through an HTTP proxy. Internet connection through an HTTP proxy is not supported.

- **OPTIONAL -** A good way to test the quality of Internet is using this utility: http://www.pingtest.net

  > If it rates the internet-quality as "B" or above then it means that the Internet-connection at the premises is suitable for the training.

- The following ports need to be open for OUTBOUND access from the particiapnat's machines to Amazon Web Services:
  - 80
  - 22 (optional)

- **Required Browser:** IE is not supported currently.  Firefox, Safari, Chrome will work.

**IMPORTANT:** If you have any issues or questions, please send an email to training-support@hortonworks.com.

# Connect to AWS VM From a Browser

| Objective: | To connect AWS lab VM from browser. |
|---|---|
| Before You Begin: | • You need to execute these steps during the class.<br><br>• Make sure your hardware meets the requirements listed above.<br><br>• You have port 80 open on your firewall.<br><br>• The instructor has already provided an IP address for the AWS VM. |

**Step 1:** Connect to AWS VM from browser

**1.1.** Get an IP address from your instructor

**1.2.** Open your favorite browser (IE is not supported) and type following URL:

```
http://<IP ADDRESS>/guacamole
```

**1.3.** Enter User ID and Password:
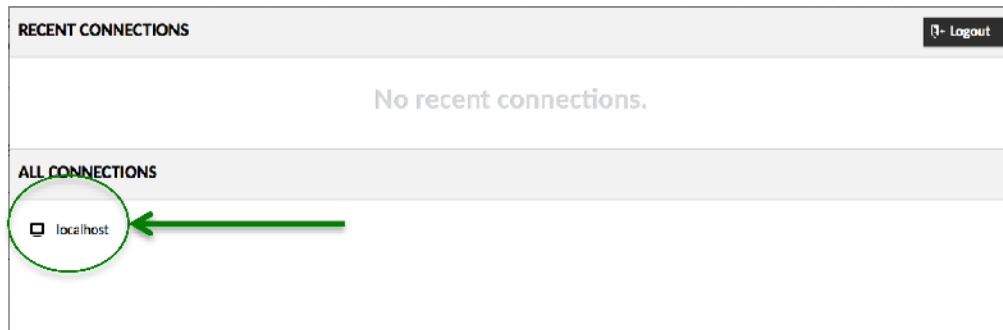
**User ID:** remote
**Password:** D3skt0p

**1.4.** Click on '**locahhost**' and now you are connected to the lab VM:



Now, you will be connected to AWS VM and you should see Hortonworks Lab environment Dekstop (**one of these**):



**RESULT**: You should have tested the connection to the classroom VM running on AWS.