Distributed Systems – Cloud access

Each group gets a cluster of five (5) virtual machines running Debian 9 (Stretch) accessible through the provided SSH ip:[port]. The machines within one cluster can address each other with the provided DNS entry. In order to transfer files, a scp-connection can be made over ssh [Windows user can use WinSCP]. All machines are accessible on the University Wi-Fi and VPN connection (https://vpn.uantwerpen.be – Install the Cisco AnyConnect client). Each machine will be available 24/7. However, we **cannot guarantee full persistency of the storage** at this moment. Therefore, keep a local backup of necessary files and **document all configurations** or better, **create an initialisation script** on your local computer that you can run in the event your machines got reset! If connection and/or performance issues occur, please contact your lab responsible.

Group 8

Default credentials: pi – distsyst   [Change the default password! → $ passwd]
Hostname: identification name of machine when requesting support
SSH IP: IP address to connect for SSH
SSH Port: IP port to connect for SSH
DNS entry: The DNS entry to communicate between the machines; the IP address of this DNS entry might change at any given time → always use DNS

Hostname	SSH IP	SSH Port	DNS entry
6DIST-group8_host1	143.129.39.106	30035	host1
6DIST-group8_host2	143.129.39.106	30036	host2
6DIST-group8_host3	143.129.39.106	30037	host3
6DIST-group8_host4	143.129.39.106	30038	host4
6DIST-group8_host5	143.129.39.106	30039	host5

Disclaimer - *The machines in the table above are strictly addressed to the members of the respective lab group. These machines are provided as-is and it is the responsibility of the group to take appropriate actions to prevent data loss in case of a server failure (taking local backups of data and configurations). No backups will be provided by the provider's side!*

The available resource can only be used within the context of the lab assignments of the 'Distributed Systems' course. Any malicious attempts to harm the operation of the servers (e.g. Denial-of-Service attacks, non-authorized access to other resources in the cluster, etc.) or misuse of the resources for non-course related purposes will result in a permanent shutdown of the group's machines.

By using these machines, you agree on the given terms.

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