**Objective**

Install NGINX on more than 2 servers.  
Restrict NGINX log files to a maximum of 1GB using logrotate.  
Create websites for each team member:  
For 2 minutes, .opstree.com should display Tanya’s website.  
For the next 2 minutes, it should display Heena’s website.  
Rotation should continue automatically every 2 minutes.  
Install Apache and configure NGINX as a reverse proxy to Apache after completing the above.

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| Client Browser |

| team.opstree.com |

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v

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| NGINX LB |

| (Reverse Proxy) |

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+------------------+ +------------------+ | Web Server 1 | | Web Server 2 | | (Apache+NGINX) | | (Apache+NGINX) | | /var/www/tanya | | /var/www/heena | +------------------+ +------------------+

**Prerequisites**

**3 Ec2 ubuntu instance**

1 for Ansible Node/Server  
2 for Nginx + Apache Servers (open port 80 on webservers using AWS security group)

**Inventory setup (hosts file):**

webserver1 ansible\_host=13.126.131.188  
webserver2 ansible\_host=13.233.207.175  
[webservers]  
webserver1  
webserver2  
[webservers:vars]  
ansible\_username=ubuntu  
ansible\_ssh\_private\_key\_file=/home/ubuntu/abhyarthi.pem

**Test connectivity:**

ansible webserver1 -m ping  
ansible webserver2 -m ping  
ansible webservers -m ping  
ansible all -m ping

**Update local /etc/hosts (or Windows hosts file):**

13.126.131.188 team.opstree.com  
13.233.207.175 team.opstree.com

**Below are screenshots of AWS setup:**

**Below are the screenshots post Nginx + Apache server installation**