



**Placement Empowerment Program**  
***Cloud Computing and DevOps Centre***

***100 Days of DevOps Challenge***

***Day 14 : Linux Process Troubleshooting***

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# Linux Process Troubleshooting

## Objective :

Ensure the Apache HTTP server is running on all application servers (stapp01, stapp02, stapp03) and configured to listen on port **3003**.

## Steps Performed :

- ❑ **Login to each app server from jumphost**
  - ssh tony@stapp01 # pass: lr0nM@n
  - ssh steve@stapp02 # pass: Am3ric@
  - ssh banner@stapp03 # pass: BigGr33n
- ❑ **Stop & disable conflicting service (sendmail)**
  - sudo systemctl stop sendmail
  - sudo systemctl disable sendmail
- ❑ **Update Apache to listen on port 3003**
  - sudo sed -i 's/^Listen .\*/Listen 3003/' /etc/httpd/conf/httpd.conf
- ❑ **Enable and start Apache**
  - sudo systemctl enable httpd
  - sudo systemctl restart httpd
- ❑ **Verify Apache is running on 3003**
  - sudo ss -tulpn | grep httpd
- ❑ **Final check from jumphost**
  - curl http://stapp01:3003
  - curl http://stapp02:3003
  - curl http://stapp03:3003

