SERVER ADMIN TOOLS

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sh server admin.sh

SERVER ADMIN TOOLS [K.ANJI BABU] Main Menu [05/22/18 10:46:54 AM] 1. System Info. 11. Add User (root only) 12. Delete User 2. Network Info. (root only) 3. Send Mail 13. Shutdown Server (root only) 4. Send SMS 14. Check Users /Home Space(root only) 5. Server Status 15. Clean /tmp & /swap (root only) 6. Compress file/folder 16. Node Status 17. Encrypt/Decrypt File (Protect file) 7. Decompress Folder 8. Make Passwordless Login 18. Author Details 9. Make Secure zip (Protected) 19. Help 10.PBS sample script 20. **Exit**

Choose Number between [1-20]:

1. SYSTEM INFORMATION

SYSTEM INFORMATION

1.Show IP 6. Disk Space

2.OS Info.

3.HostName Info.

5. Disk Space

7. Free Memory

8. Currently Log

3.HostName Info.4.Hardware Info.(lscpu)8. Currently Loggedin Users9. Top 5 Memory Consuming Processes

5.Last Loggin Users 10.System Uptime

11. Back to Main Menu

Choose option [1-10]:

1. Show IP

2. Network Information

Network Information

Internet : Connected
IP Address : 172.26.30.147
Username : gshalini
Host : nnlab

Domine : chm.iitk.ac.in Gateway : 172.26.31.255 Subnet Mask : 255.255.252.0

DNS 1 : 172.31.1.1 DNS 2 : 172.31.1.130

Press [Enter] key to continue...

3. Send Mail:

Could not found the Mutt Package. Install Mutt Package to use this option.

Press [Enter] key to continue...

4. Send SMS

5. Server Status

Server Status

Eneter Server IP: 172.26.30.147

Server is up!

```
Press [Enter] key to continue...
6.
7.
8. Make Password less login to servers
   Create Password less Login for Remote Server
 ______
 Eneter remote server username:
9.
10.
PBS Script to Submit Job
#
                                     #!/bin/bash
#
   #PBS -N job-title
                                 #
                                    #PBS -q work
#
                                 #
                                    #PBS -l nodes=1:ppn=16
#
                                    #PBS -j oe
                                 #
#
                                 #
                                    export I_MPI_FABRICS=shm:tmi
#
                                    export I_MPI_DEVICE=rdma:OpenIB-
                                 #
                   #
cma
                                 #
                                    cd $PBS_O_WORKDIR
#
                                 #
                                    export F_UFMTENDIAN=big
#
                                 #
                                    cat $PBS_NODEFILE > pbs_nodes
#
                                 #
                                    export I_MPI_MPD_TMPDIR=/tmp
#
                                 #
                                    MYNP=8
#
                                 #
#
                                    # Your Executable path should be here.
                                 #
#
                                 #
#
                                    # Example: For GROMACS Users:
                                 #
```

#		#	
#		#	gmx_mpi grompp -f nvt.mdp -c topol.gro
-ptopol.top -o nvt.tpr	#	#	mpirun -machinefile \$PBS_NODEFILE
-np \$MYNP gmx_mpi mdrur#	ı -plumed plumed.d		-v -deffnm nvt -ntomp 16
#		#	
#======================================	========		
KAPAKAYALA	#	#	Written By ANJI BABU
Do you like to Save Script [y Thank you . Bye . Press [Enter] key to continue 11. Add User : ====================================		:===	=
Access denied . Only root may add a user to t	the system ========	:===:	=
Press [Enter] key to continue	e		
12. Delete User :			
Accedd Denied! Only root can delete a user			=
Press [Enter] key to continue	e		_

13.