

# Send Zulip notification on low disk space in Linux

```
#!/bin/bash
free_percent=$(df -h | grep /data | awk '{print $5}')
free_percent_no=$(df -h | grep /data | awk '{print $5}' | sed 's/%//')
free_no=$(df -h | grep /data | awk '{print $4}')

FILE=/root/cron_diskspace_notification
if [ "$free_percent_no" -gt "95" ]; then
    if [[ ! -f "$FILE" ]]; then
        curl -X POST https://chat.example.com.hr/api/v1/messages \
            -u name-bot@chat.example.com.hr:<key> \
            -d "type=stream" \
            -d "to=Infrastructure" \
            -d "subject=Disk space" \
            -d "$content=Disk usage is above 95%. Currently at
$free_percent. Free space is: $free_no"
        touch $FILE
        datum=$( date +%F )
        echo "$datum" > $FILE
    else
        datum=$( date +%F )
        datumf=`cat $FILE`
        if [ "$datum" != "$datumf" ]; then
            echo "$datum" > $FILE
            curl -X POST
https://chat.example.com.hr/api/v1/messages \
                -u name-bot@chat.example.com.hr:<key> \
                -d "type=stream" \
                -d "to=Infrastructure" \
                -d "subject=Disk space" \
                -d "$content=Disk usage is above 95%.
Currently at $free_percent. Free space is: $free_no"
        fi
    fi
else
    if [[ -f "$FILE" ]]; then
        rm $FILE
    fi
fi
```

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