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#!/usr/bin/env python3
from network import *
import shutil
import psutil

def check_disk_usage(disk):
    """Verifies that there's enough free space on disk"""
    du = shutil.disk_usage(disk)
    free = du.free / du.total * 100
    return free > 20

def check_cpu_usage():
    """Verifies that there's enough unused CPU"""
    usage = psutil.cpu_percent(1)
    return usage < 75

# If there's not enough disk, or not enough CPU, print an error
if not check_disk_usage('/') or not check_cpu_usage():
    print("ERROR!")
elif check_localhost() and check_connectivity():
    print("Everything ok")
else:
    print("Network checks failed")
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#!/usr/bin/env python3
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import requests
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import socket
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```
def check_localhost():
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    localhost = socket.gethostbyname('localhost')
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    return localhost == '127.0.0.1'
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def check_connectivity():
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    request = requests.get("http://www.google.com")
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    return request.status_code == 200
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