

Peer Review Checklist - Ubuntu Configuration v1.0

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Reviewed By:
Reviewed On:
Signed:

1) Installation & Physical Setup

Device	Pass	To Fix
SENDER	<input type="checkbox"/>	
RECEIVER	<input type="checkbox"/>	

2) Packages & Tools

Device	Pass	To Fix
SENDER	<input type="checkbox"/>	
RECEIVER	<input type="checkbox"/>	
ROUTER1	<input type="checkbox"/>	
ROUTER2	<input type="checkbox"/>	

3) Base OS

On each device:

- Verify device label hostname on each device: `hostnamectl --static`
Pass: Name matches the plan.
- Cabling / ports match the Technical Infrastructure Diagram (NIC names, switch ports)
Pass: Cables/ports match; link LEDs on.
- Check PC's that required packages are present: `dpkg -l \ | grep -E '^ii\s+d-itg\s'`
Pass: d-itg listed.

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4) Addressing & Routing

On Each Device:

- DHCP is off in netplan: `grep -R "dhcp" /etc/netplan/*.yaml`
Pass: dhcp4: no and dhcp6: no

- Cloud-init disabled : `test -f /etc/cloud/cloud-init.disabled && echo "disabled"`
Pass: disabled
- MOTD news disabled: `grep -E 'ENABLED=0|URLS=""' /etc/default/motd-news`
Pass: shows `ENABLED=0` and `URLS=""`
- Wait-online shortened (override exists):
`systemctl cat systemd-networkd-wait-online | sed -n '1,120p'`
Pass: override contains `--any` and a shorter timeout (e.g., `Timeout=5`)
- Nouveau blacklisted & initramfs updated:
`grep -R 'nouveau' /etc/modprobe.d/* && lsinitramfs /boot/initrd.img-$(uname -r) | head -1`
Pass: blacklist file exists with `blacklist nouveau`; initramfs present

Routers:

- IPs correct: `ip -4 a; ip -6 a`
Pass: IPv4/IPv6 addresses match the plan for that device.
- Routes correct: `ip r; ip -6 r`
Pass: Static routes match the plan (right networks and next hops).
- Netplan applied (no pending changes): `sudo netplan get | head -n 50`
Pass: Output reflects the configured static addresses/routes (and `dhcp: no`).
- Forwarding on: `sysctl net.ipv4.ip_forward net.ipv6.conf.all.forwarding`
Pass: `= 1` for both
- UFW off: `sudo ufw status verbose`
Pass: Status: inactive

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5) Time Sync (chrony) & Validation

On Each Device:

- Config references the lab server and allows LANs (spot-check):
`grep -E 'server 192\..168\..10\..1|allow 192\..168' /etc/chrony.conf`
Pass: shows `server 192.168.10.1 iburst` and `allow` lines for lab subnets.
- Tracking and sources are healthy: `chronyc tracking; chronyc sources -av`
Pass: Leap status: Normal
- Connectivity sanity: `ping -c2 <peer_v4>; ping6 -c2 <peer_v6>`
Pass: Replies received from expected peers (e.g., PC↔Router↔PC).

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