

Rubrics – Introduction to Infrastructures

| Entry Criteria Summary | | Not fulfilled | | Fulfilled | | |
|--|---|--|---|---|---|---|
| Preparation (Week 0): ISO download, VMware setup, folder structure, research (OMV table) | | Little or no tasks completed, no screenshots or research table | | All tasks completed thoroughly, clear screenshots and well-argued research table | | |
| Week | Criteria Summary | Insufficient (0) | Weak (2.5) | Sufficient (5) | Good (7.5) | Excellent (10) |
| Week 1 <i>10 points</i> | Network & OS setup: Debian, OMV, Ubuntu install; browser access; Nextcloud research | VMs not working or no screenshots; missing research table | Partial VM setup; screenshots missing or incorrect; weak research | Functional VMs; partial screenshot evidence; adequate research table | Fully working VM setup; solid screenshots; mostly complete research | Well-documented setup; insightful, complete research; all screenshots present |
| Week 2 <i>10 points</i> | File sharing: Disk setup, RAID1, shared folder, user rights, access tests | Missing key setups; no screenshots of folder or access | RAID/shared folder issues; partial access; screenshots lacking | Functional RAID/shared folder; limited test results | Complete setup; access test successful; good screenshot evidence | Fully working file share setup with RAID 1; well-documented tests/screenshots |
| Week 3 <i>10 points</i> | Docker: Setup, macvlan, osTicket deployment, browser access | No docker setup or failed install | Docker partially installed, issues with osTicket | Docker working, osTicket installed but with issues | Full docker setup, osTicket functional; good screenshots | Seamless docker and osTicket deployment; excellent browser proof |
| Week 4 <i>10 points</i> | DNS & Hardware: Pi-hole setup, hardware advice for OMV and user groups | No DNS setup; no hardware analysis | Basic DNS setup; limited or vague hardware advice | Working DNS; functional hardware recommendations | Good DNS implementation; SMART-based hardware advice | Strong DNS setup; well-argued, specific SMART-based hardware plan |
| Week 5 <i>10 points</i> | Backup & Security: Déjà Dup, Timeshift, Nmap, NIST analysis, RPO/RTO | No backups or security analysis | Basic backup steps, incomplete NIST/RPO/RTO | Backups done, RPO/RTO/NIST table partially complete | All tasks done with clear screenshots; good security insights | Complete backups, Nmap, and detailed, thoughtful NIST & RPO/RTO |
| Week 6 <i>10 points</i> | Cloud: Nextcloud in Azure, DNS integration, network diagram, cost analysis | Incomplete Azure VM, no ssh/https access or cost data | Azure setup partial; poor DNS integration or no Nextcloud apps | Working Azure VM; Nextcloud apps installed; basic cost estimate, network diagram, stress test; DNS configured | Fully working setup; solid network diagram and cost estimate; clear stress test | Cloud setup polished; great DNS config; network diagram + stress test + cost estimate excellent |
| Grade formula: | | $\text{Grade} = \left(\frac{\text{points scored}}{60} \right) \times 9 + 1$ | | | | |