Marwa Haddou

Enterprise Network Architect

network-architect@example.test · Abu Dhabi, UAE

Network design scope

23 branch sites — Developed a regional WAN design with distinct voice and transaction requirements.

11-minute failover — Measured service recovery in a regional failover exercise.

64 application flows — Mapped business owners and dependencies ahead of a network redesign.

Summary

Enterprise network architect designing branch connectivity, network segmentation and service handovers. Converts application dependencies into reviewable design requirements, compares connectivity options and plans phased migrations with infrastructure and operations teams.

Experience

2020-10 – Present **Enterprise Network Architect**
Sable Palm Digital Infrastructure

- Designed branch connectivity for 23 branch sites. Compared carrier diversity, voice quality and change effort, then documented where a second circuit shared physical infrastructure.
- Measured 11-minute failover using a test order and voice call. Recorded circuit recovery separately, and reviewed service recovery with contact centre and payment owners.
- Catalogued 64 application flows before a segmentation redesign. Confirmed owners and business purpose, and referred policy exceptions to the security review board.
- Planned a two-wave migration with rollback thresholds. Operations approved the windows, and branch owners confirmed that essential service checks passed.

2016-09 – 2020-09 **Network Design Engineer**
Nacre Link Services

- Designed switch and wireless upgrades for campus buildings. Compared access-point placements with surveys and agreed handover criteria before installation.
- Updated topology diagrams after property acquisitions and reconciled provider circuit IDs with on-site records, highlighting unknown ownership for investigation.
- Prepared installation and acceptance schedules with field teams. Retained approved settings and recurring fault notes in the site record.

Education

2016 **BEng Computer Networks**
Mistral Technical College

Skills

WAN architecture · Network segmentation · Failure testing · Capacity modelling · Migration planning

Languages

Arabic · English · French