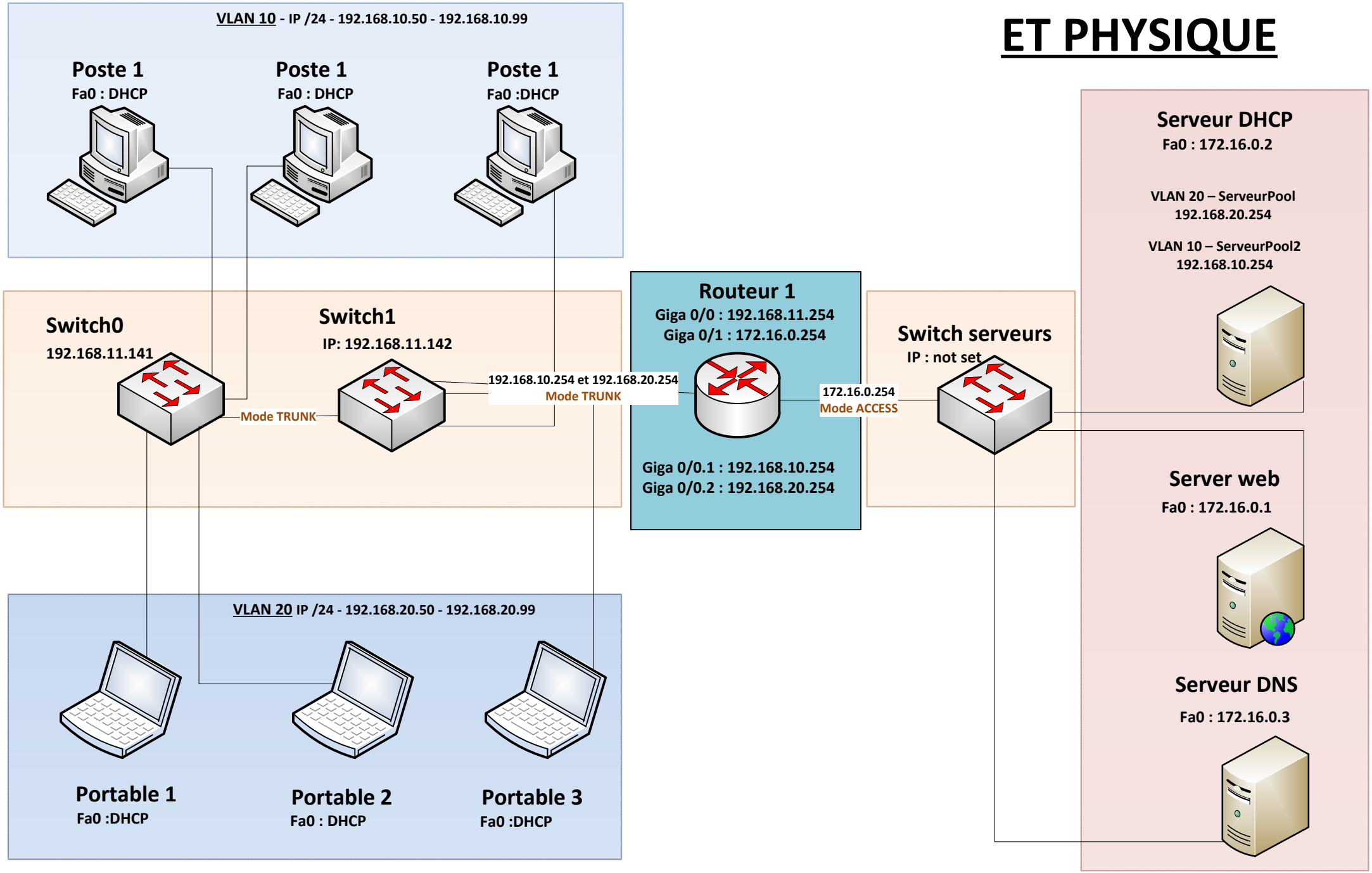SCHEMA LOGIQUE ET PHYSIQUE