**DHCP Requirement**

**1: Business Overview**

* Project Name / Initiative.
* Purpose of DHCP Deployment.
* Which environments will use DHCP? (Production, Development, Testing, Guest Network, Disaster Recovery, Others)

**2: Network & IP Addressing Details**

* List of subnets requiring DHCP (Include VLAN IDs)
* DHCP IP Address Ranges (Scopes)
* DNS Servers to provide to clients
* Domain Name / Suffix (e.g., corp. local)
* Do we require static IP reservations? If yes, provide list of MAC addresses and required Ips.

**3: Server Requirements**

* Preferred DHCP platform (Windows Server, Linux)
* Number of DHCP servers required (Single, HA Pair, Load Balanced):
* Location of DHCP servers (On-prem or Hybrid)
* Expected number of DHCP clients per subnet.

**4: Security & Compliance**

* Should MAC address filtering be used?
* Are switches configured for DHCP snooping?
* Logging & audit requirements (What events should be logged?).
* Are there regulatory or compliance needs (e.g., GDPR, HIPAA)?

**5: Integration & Monitoring**

* Do we require Dynamic DNS updates?
* Integration with Active Directory?
* Are we using an IPAM system? If yes, name it.
* Monitoring tools
* Alerts needed for scope exhaustion
* Reporting needs for conflict tracking, etc.).

**6: Operations**

* Change control process for DHCP updates
* Backup and recovery strategy required? Frequency and tools

**7: Contacts**

* Business Owner / Primary Contact (Name, Email, Phone)
* Escalation Contact (if different)