

DHCP and DNS Settings Document Sample

1. Document Overview

This document provides sample DHCP and DNS settings for the [Organization Name] network infrastructure. Please update values as needed to fit your environment.

2. DHCP Settings

Parameter	Value (Example)	Description
DHCP Server	192.168.1.1	Main DHCP server IP address
Scope Name	OfficeLAN	Name of DHCP scope
Start IP	192.168.1.100	DHCP address range start
End IP	192.168.1.200	DHCP address range end
Subnet Mask	255.255.255.0	Subnet mask for the scope
Default Gateway	192.168.1.1	Gateway assigned via DHCP
Lease Duration	8 days	Default lease time for clients
Reserved IPs	192.168.1.10 (Printer)	Reserved addresses for devices
Excluded IPs	192.168.1.1-192.168.1.10	IPs not assigned by DHCP

DHCP Options

- DNS Servers: 8.8.8.8, 8.8.4.4
- WINS Servers: (if used)
- Domain Name: company.local

3. DNS Settings

Parameter	Value (Example)	Description
Primary DNS Server	192.168.1.2	Local DNS server address
Secondary DNS Server	8.8.8.8	Secondary/External DNS server
DNS Domain	company.local	Internal domain name
Forward Lookup Zones	company.local	Main zone for internal lookups
Reverse Lookup Zones	1.168.192.in-addr.arpa	Reverse zone for PTR records

DNS Records Examples

- **A Record:** server1.company.local â†’ 192.168.1.21
- **CNAME Record:** www.company.local â†’ server1.company.local
- **MX Record:** company.local (Mail Exchanger) â†’ mail.company.local
- **PTR Record:** 192.168.1.21 â†’ server1.company.local

4. Change Log

Date	Changed By	Description
2024-06-10	Admin	Initial Draft

5. Notes

- Update this document as network changes are made.
- Verify all settings with actual network infrastructure before deployment.