DUXNET

Installer Firmware and Configuration Checklist

Best Practices for Firmware and Configuration Updates

BEFORE YOU BEGIN

- [ ] Confirm latest stable or long-term support (LTS) firmware is available for the device
- [ ] Download firmware only from the official vendor site
- [ ] Check compatibility with existing configuration files
- [ ] Label and safely store the current configuration backup (with date/version/device name)
- [ ] Review changelog or release notes for known issues or major changes
- [ ] If this is a remote site: confirm stable electricity and data connection

LAB/TEST PREP

- [ ] Test firmware upgrade in a lab or demo unit before field install
- [ ] Load the planned configuration and confirm no errors or warnings
- [ ] Validate that services (e.g., routing, VLANs, VPN) start up correctly
- [ ] Test failover, reboot, and recovery scenarios if relevant
- [ ] Document working settings for future rollout/reference

DURING DEPLOYMENT

- [ ] Upgrade firmware only when site conditions are stable (no load shedding or line cuts expected)
- [ ] Apply configuration from verified template or tested backup
- [ ] Check system logs for warnings, errors, or rejected settings
- [ ] Disable unused services and interfaces
- [ ] Change all default passwords and disable remote admin access unless secured
- [ ] Set up NTP (time sync) for accurate log and certificate management

POST-INSTALL AND SUPPORT

- [ ] Reboot device and confirm persistent config and full service availability
- [ ] Export current config and firmware version to support folder
- [ ] Label file: SITE_DEVICE_DATE.cfg and store with version number
- [ ] Record all changes in customer or internal handover documentation
- [ ] If using multiple devices, update asset register with new firmware and config status

OPTIONAL (BUT RECOMMENDED)

- [ ] Create a rollback plan: store previous firmware and config locally or in cloud
- [ ] Snapshot key screenshots (interfaces, firewall, VLANs) for quick support reference
- [ ] Submit config template to team repo if custom-built or site-specific