When trying to increase transparency, reduce human error and eliminate rogue certificates, it pays to have a checklist.

1. **IDENTIFY**
   - Get a baseline of all certificates issued
   - Locate where all certificates are installed
   - Name owners of all certificates and domains
   - Identify web server O/S and application versions
   - Pinpoint web server cipher suites and SSL versions

2. **REMEDIANTE**
   - Remove weak keys, cipher suites and hashes
   - Control wildcard certificate issuance and distribution
   - Deploy appropriate certificate types
   - Control all default vendor certificates
   - Ensure all web services have latest patches installed

3. **PROTECT**
   - Standardize and automate issuance and renewal process
   - Install and renew all certificates in a timely manner
   - Ensure that private keys are not reused when certificates are renewed
   - Install certificates and private keys in a secure manner
   - Address certificate removal/revocation during decommissioning process

4. **MONITOR**
   - Scan networks for new systems and changes
   - Check Certificate Transparency (CT) logs for rogue certificates
   - Use CAA to prevent unauthorized certificate requests

Interested in streamlining each item in the Best Practices Checklist? Discover DigiCert CertCentral® visit Digicert.com/certificate-management