

# InCommon Federation Initiatives



This is the "parent" for several pages related to InCommon initiatives, but it is not all-inclusive. Please check the main [InCommon Federation](#) web site for more current information.

- [Analysis of Metadata](#)
- [Error Handling URLs in Metadata](#)
- [Holiday Technology Checklist 2014](#)
- [Holiday Technology Checklist 2016](#)
- [IdP Deployment Advice](#)
- [Metadata Migration Process](#)
- [Migrating to SHA-2](#)
- [SIRTFI Proof of Concept](#)
- [The Heartbleed Bug](#)
- [Upgrading to Shibboleth IdP V3](#)
- [Upgrading Weak Keys in Metadata](#)