

Baseline Expectations

InCommon: What We Did in 2023

Baseline Expectations Requirements

Grade of “A” or better for TLS endpoints using Qualys SSL Labs rubric

Logo, Privacy Policy, Information URL (and Error URL for IdPs)

Technical, Administrative, Security contacts

Assert SIRTFI compliance

Status as of Early 2023

Input validation enforced for required elements within our federation manager software

Weekly TLS grade scans of all HTTPS endpoints registered by InCommon

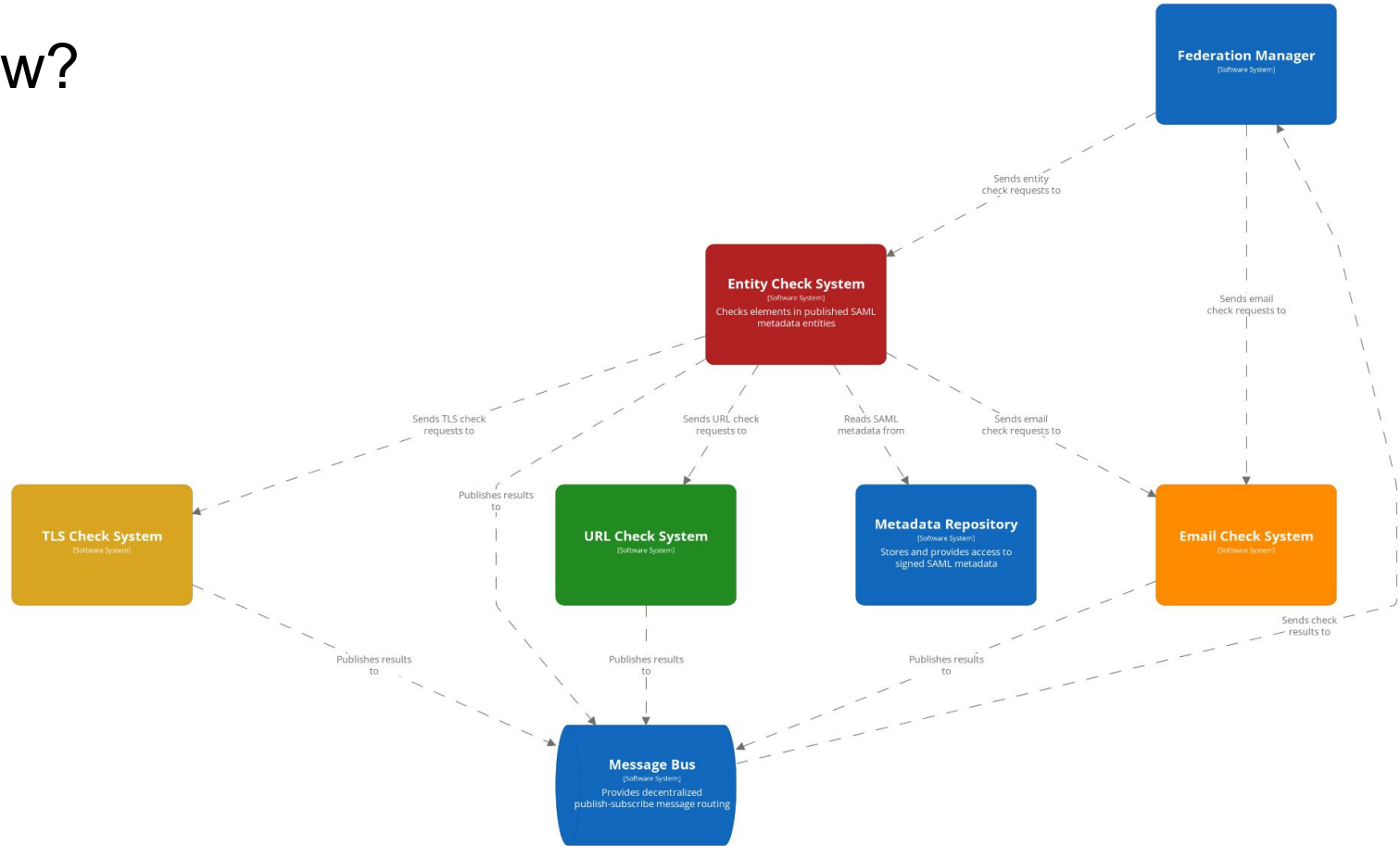
No checking of email contact deliverability

No ongoing checks of MDUI URL “alive-ness”

Goals for Doing Better in 2023

- 1) Regular, frequent, checking of all required elements
- 2) Display this information to federation site administrators (IdP/SP admins)
- 3) Drive business and technical processes to increase compliance with baseline

How?



View/Edit Identity Provider

EntityID: https://TechEx23.com

Scope: TechEx23.com

Published

Endpoint Encryption Score

A

Tuesday September 12, 2023

[More Information](#)

Contacts

User Interface Elements

Error URL

IdP SSO Settings

Signing/Encryption Keys

Entity Attributes

Entity Checker



View/Scan your entity's **PUBLISHED** metadata health status - Entity scans are conducted periodically and are available on-demand. Entity scans evaluate published metadata URLs and endpoint encryption, whereas metadata contact health is evaluated via a separate process. [Click here](#) for more information on metadata health.

Initiate New Scan

- Scans can take up to 10 minutes, refresh page for results
- You can initiate a scan once every 6 hours
- Next available scan at Thu, 28 Sep 2023 23:29:33 GMT

Scan

Attribute Authority

Metadata Health

Review and Submit

Contact Health Status



Name	Role	Email	Contact Health	Timestamp
Robert Brown	Administrative	rbrown@be2.com	Healthy	Thursday September 07, 2023
Benjamin Graham	Technical	bgraham@be2.com	Healthy	Thursday September 07, 2023
Luke Shaw	Security	lshaw@be2.com	Unhealthy	Thursday September 07, 2023

URL Health Status



URL Type	URL Health	Reason	Timestamp
Privacy Statement	Healthy	200	Tuesday September 12, 2023
Logo URL	Healthy	200	Tuesday September 12, 2023
Error URL	Unhealthy	404	Tuesday September 12, 2023

TLS Endpoint Encryption Scores



Score	Timestamp
A (Current)	Tuesday September 12, 2023
A+	Monday August 28, 2023
A	Tuesday July 25, 2023
N	Saturday June 10, 2023
B	Tuesday May 16, 2023
A	Friday April 21, 2023
B	Tuesday March 28, 2023

Next

Future Goals

Actively and regularly notify site administrators about deficiencies

Drive contact updates

Fix broken URLs

Manage change in TLS requirements

Display trends

Leverage the message bus for near-real-time metadata signing and publication

Retire legacy metadata aggregates

Where Can I Learn More?

Draft documentation for the upcoming release:

<https://spaces.at.internet2.edu/display/federationops/Operationalizing+Baseline+Expectations>

InCommon's main Baseline Expectations page:

<https://incommon.org/federation/baseline/>

Contacts

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