



Baseline Expectations And How They Impact You

InCommon Baseline Expectations
Part 1 of 3

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Three-Part Series

Baseline Expectations Impact – Wednesday, January 24, 2018

Metadata Health Checks – Wednesday, February 21, 2018

Policy Aspects & Legal Changes – Wednesday, March 7, 2018



Agenda

- What is this about?
- What's in it for me?
- What do I need to do?

What is this about?











Baseline Expectations





Identity Provider (IdP) Baseline Expectations

1. The IdP is operated with organizational-level authority
2. The IdP is trusted enough to be used to access the organization's own systems
3. Generally-accepted security practices are applied to the IdP
4. Federation metadata is accurate, complete, and includes site technical, admin, and security contacts, MDUI information, and privacy policy URL



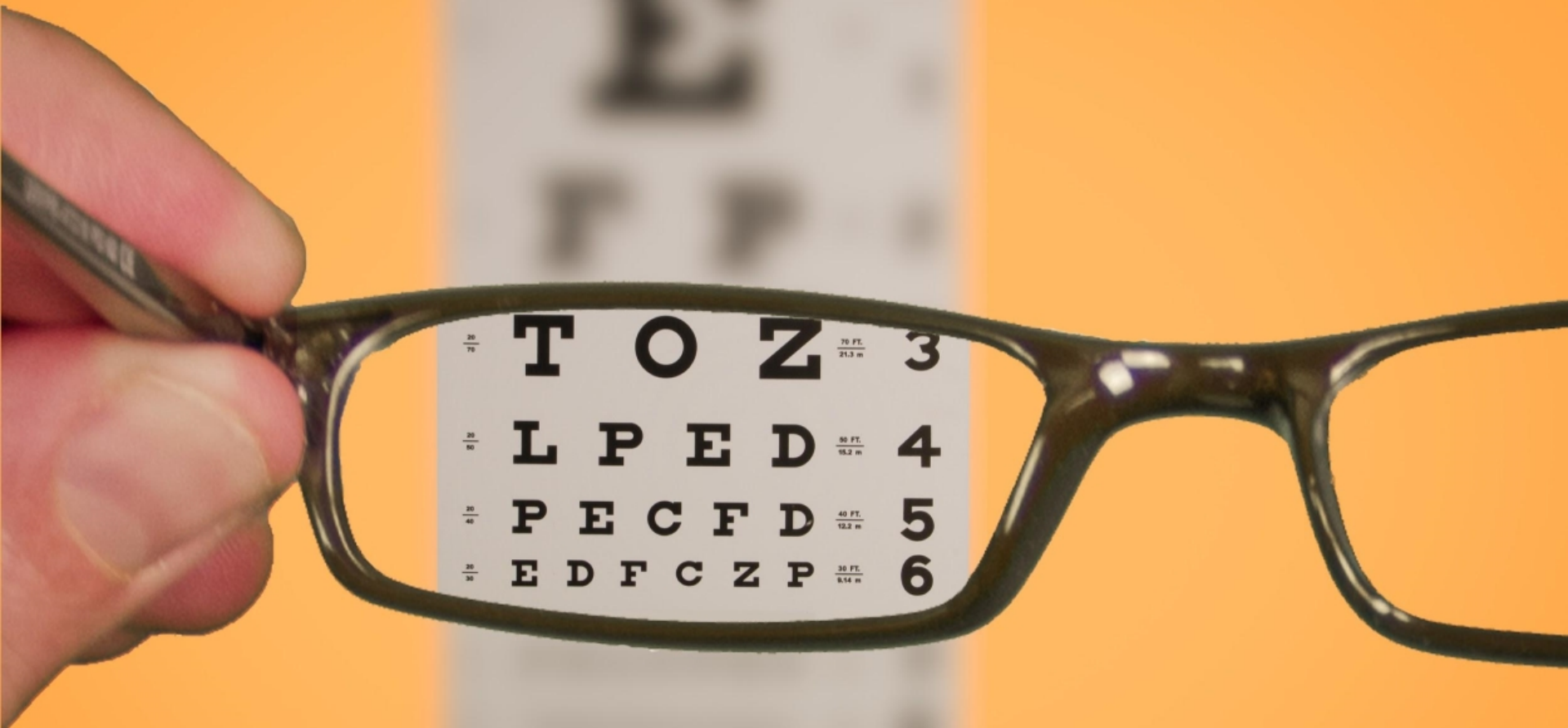
Service Provider (SP) Baseline Expectations

1. Controls are in place to reasonably secure information and maintain user privacy
2. Information received from IdPs is not shared with third parties without permission and is stored only when necessary for SP's purpose
3. Generally-accepted security practices are applied to the SP
4. Federation metadata is accurate, complete, and includes site technical, admin, and security contacts, MDUI information, and privacy policy URL
5. Unless governed by an applicable contract, attributes required to obtain service are appropriate and made known publicly



Fed Operations Baseline Expectations

1. Focus on trustworthiness of their Federation as a primary objective and be transparent about such efforts
2. Generally-accepted security practices are applied to the Federation's operational systems
3. Good practices are followed to ensure accuracy and authenticity of metadata to enable secure and trustworthy federated transactions
4. Frameworks that improve trustworthy use of Federation, such as entity categories, are implemented and adoption by Members is promoted
5. Work with relevant Federation Operators to promote realization of baseline expectations



20 30	T O Z	70 FT. 21.3 m	3
20 30	L P E D	80 FT. 24.2 m	4
40 50	P E C F D	40 FT. 12.2 m	5
20 30	E D F C Z P	30 FT. 9.14 m	6



Clear

Federation metadata...includes site technical, admin, and security contacts, MDUI information, and privacy policy URL



Blurry

Generally-accepted security practices are applied to the IdP

Good practices are followed to ensure accuracy and authenticity of metadata to enable secure and trustworthy federated transactions

Privacy policy



Sharpening the focus

- From within – eat your own dog food
 - How do you decide what's good operation for other critical services?
- From the InCommon community
 - Use new community process to gain consensus and clarity



Supported by the Community & InCommon

- Community Trust & Assurance Board (CTAB)
 - Continue to Develop Baseline Expectations
 - Consensus Process
 - Dispute Resolution Process
- InCommon Operations will monitor automatically verifiable items

What's in it for me?



What's in it for Identity Provider Operators

- You will have removed an obstacle to your faculty, students, and staff having friction-free access to federated resources they use for academic collaboration
- Simplify the onboarding of services
- Fewer questions to ask about privacy, concerns over attributes



What's in it for Service Providers

- Better user experience
- Removes an obstacle to IdPs releasing attributes to you
- Virtual Organizations
 - Higher quality source for IdPs
 - Accurate contacts, including security
- Commercial SPs
 - Fewer questions from customers regarding perennial concerns



What's in it for End Users?

- Improved user experience
 - Access happens with fewer bumps
 - Clearer what to do when you do hit a bump
- Much stronger foundation for building services and UI on top of
- Basic info is required to support IdP and service discovery

What do I need to do?



Action Items

Begin thinking about baseline expectations for your entities (IdPs, SPs)

Is your IdP trusted enough to be used with your own internal systems?

- ❑ Have a conversation with your security team about their recommended security practices for critical infrastructure.
- ❑ Make sure the right people, both technical and strategy/policy leaders, are on InCommon's lists.



Review Metadata for Gaps or Inaccuracies

Do you have a:

- Technical, Admin, Security Contact
- Name, Description, Logo
- Privacy Policy
- Error URL (recommended for IdPs)

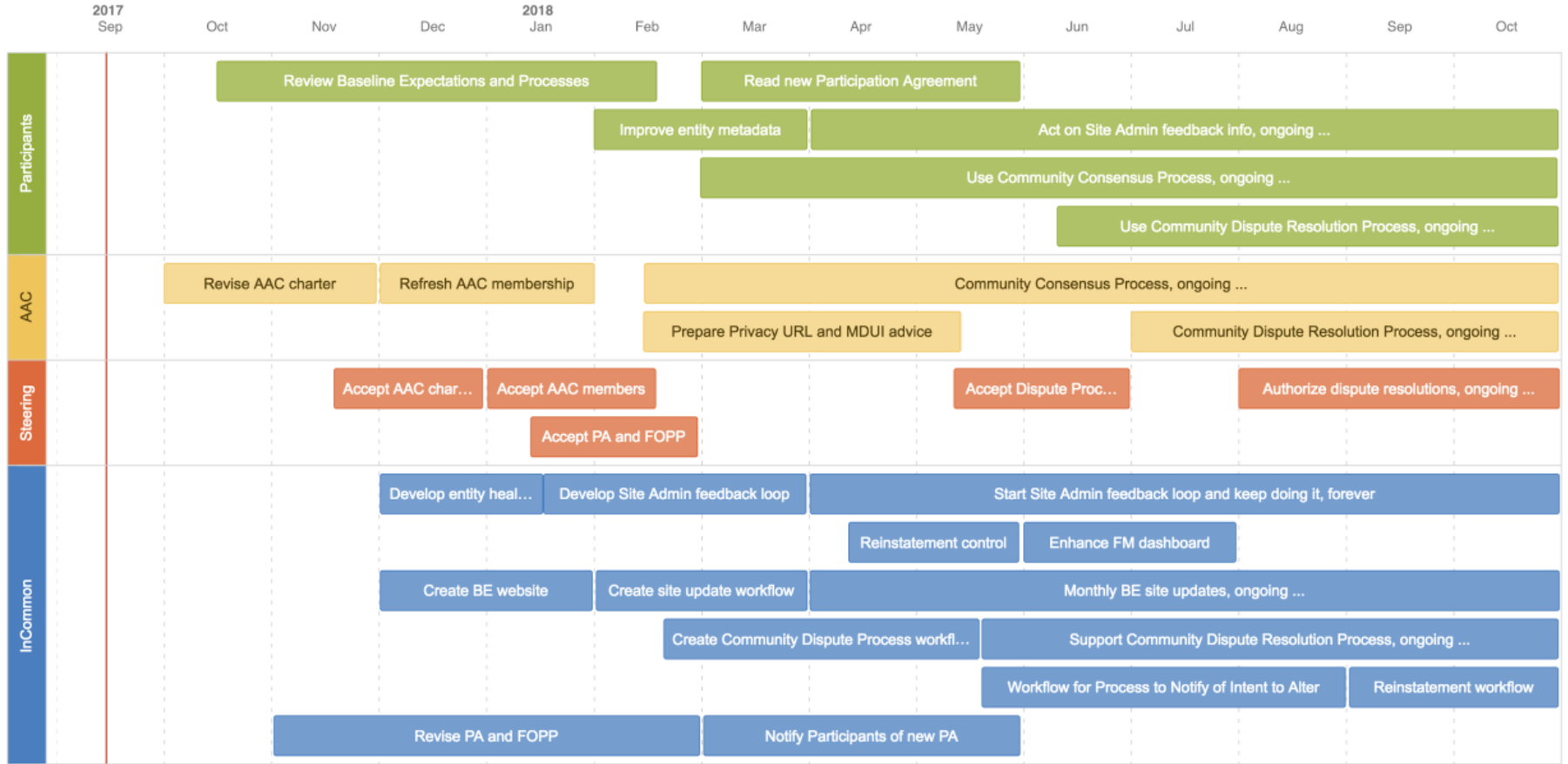


Ready to Collaborate = Baseline + ...

- ❑ Research & Scholarship Support
- ❑ Security Incident Response Trust Framework for Federated Identity (SIRTFI)
- ❑ Multi-Factor Auth Interoperability Profile

Key Changes

Baseline Expectations will raise the InCommon Federation from a metadata repository into the most trusted resource for identities and collaborative services in academia.



Marker 1

Roadmap: <https://spaces.internet2.edu/display/BE/Baseline+Processes+Roadmap>



Up Next!

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