InCommon

Market Segmentation Findings and Recommendations



How we got here – our approach to segmentation





EXECUTIVE SUMMARY OF KEY FINDINGS

- Two personality segments that represent 32% of InCommon's audience can effectively and more efficiently drive InCommon perceptions and value in the market;
- IAM as a Service is in high demand across all segments;
- Commercial and Non-Profits value the Federation over all else but also value cost savings and operational efficiencies from InCommon;
- Microsoft and Google are making inroads against InCommon on brand perceptions and leadership;
- Ignorance about IAM and Federations is a key issue in the market.

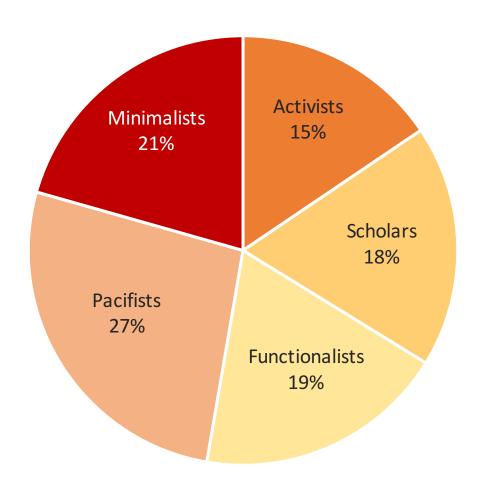


EXECUTIVE SUMMARY OF KEY RECOMMENDATIONS

- Focus on the two personality segments (Activists and Scholars) with special programs and opportunities that will feed their passions and hunger for IAM knowledge and professional recognition;
- Aggressively develop IAM as a Service with input from all a broad cross section of stakeholders to ensure it meets their needs;
- Refine and further develop service offerings and communications to drive further cost savings and operational efficiencies from participation in InCommon;
- Develop and secure an IAM leadership position against Google and Microsoft through the creation of third-party content and by activating Scholars and Activists in the community;
- Develop snackable content for busy and low engagement technologists specifically about IAM and Federations.



We uncovered five distinct Personality segments with unique needs, attitudes, and behaviors around IAM





Introducing the five distinct personality segments

Functionalists Name **Activists Scholars Pacifists Minimalists Picture** "It is most "I love using, "I am dedicated to I use IAM only in "IAM is something important that I learning about, and leaning about and I am responsible so far as I have to. can competently **Descriptive** sharing my helping people I for but it is not the I just to try to get Quote use and maintain knowledge of IAM know with their primary focus of by with as little as I IAM solutions on with others"" need to" IAM problems" my job" my job" 15% 18% 19% 27% 21% Incidence





HIGHER EDUCATION IAM STAKEHOLDERS – 296 RESPONDENTS

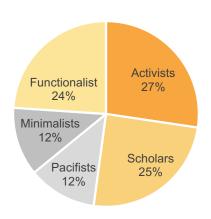
PERSONALITY SEGMENTS



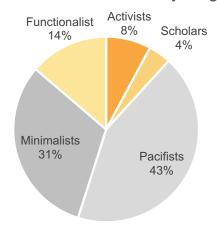
Distribution of Personality Segments Across Higher Ed Levels

Activists and Scholars are most prevalent in L1 organizations which should be no surprise since they work in large IT organizations which allows for more specialization. Surprisingly, L4 has the next largest concentration of these top priority segments.

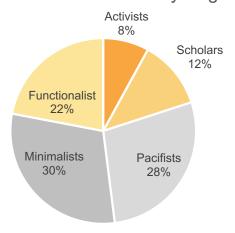
L1 Breakdown of Personality Segments



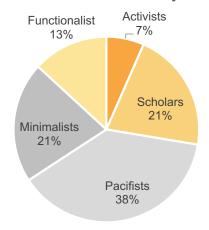
L3 Breakdown of Personality Segments



L2 Breakdown of Personality Segments



L4 Breakdown of Personality Segments







PROFILES



Activists

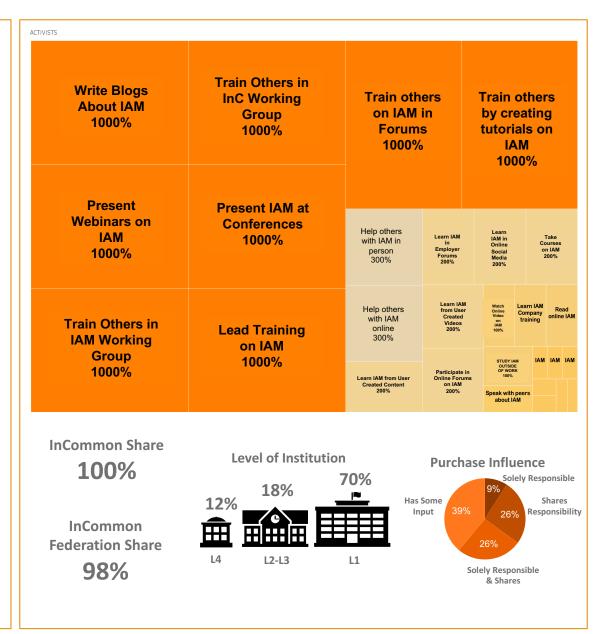




15% incidence

"I love using, learning about, and sharing my knowledge of IAM with others online and in person"

- Actively studies IAM outside of work
- Views themselves as an average adopter of new technology and staying up to date - modest
- Vocal participant in all channels about IAM
- Indexes highest on Training others and Learning about IAM
- Has responsibility in the IAM purchase process
- In an IAM management role & position





Scholars

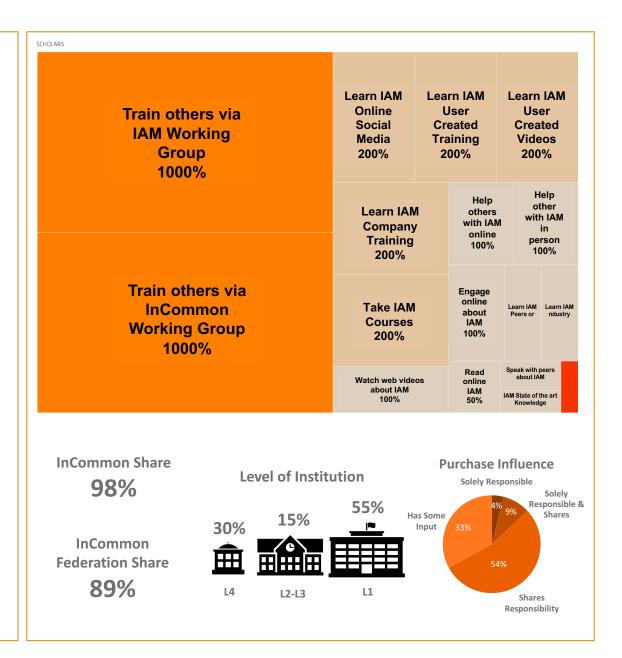




18% incidence

"I am a valued IAM manager and expert in my organization and love to train people in small groups or one on one."

- Somewhat cautious in adopting new technologies.
- Actively studies IAM and moderate involvement in the IAM community
- Helps peers that they know directly
- Feels moderately involved in the software purchase process at their company





Functionalists

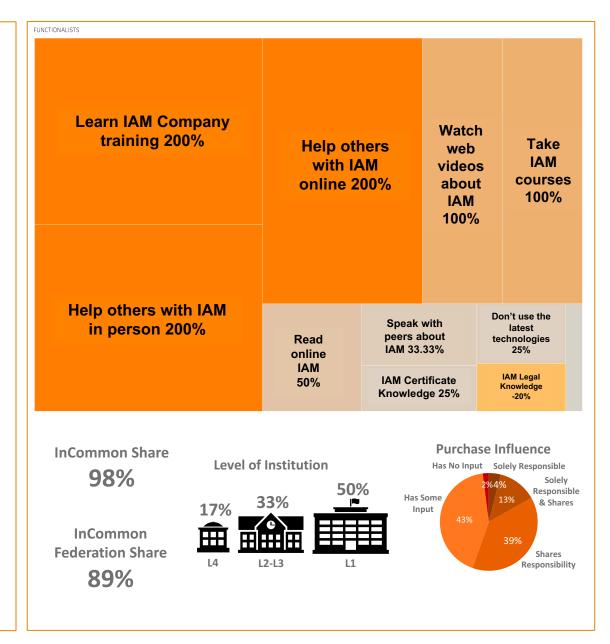




19% incidence

"It is most important that I can competently use and maintain IAM solutions on my job"

- Somewhat engaged with IAM information but mostly learns on the job
- Capable of using IAM solutions, moderate to low involvement in the IAM community
- Operationally focused
- Feels moderately involved in the software purchase process





Pacifists

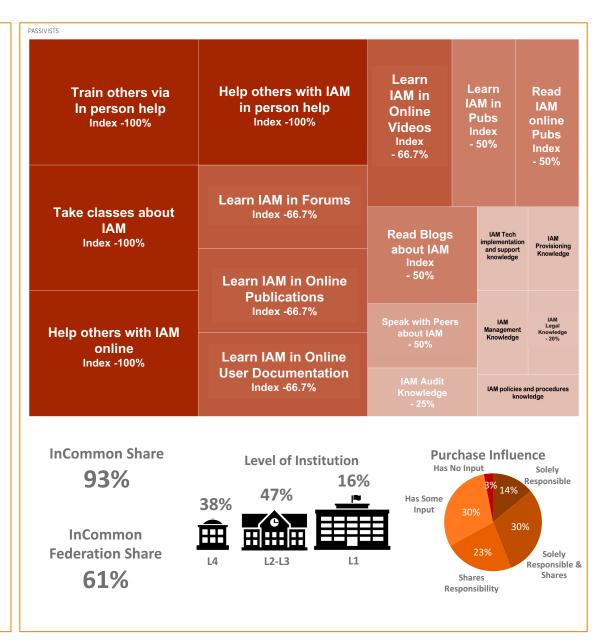




27% incidence

"IAM is something I am responsible for but it is not the primary focus of my job"

- Lowest level of IAM engagement of all NAB segments
- Works at L2-L4 predominantly
- 50% have an Executive IT or Executive Security position
- Views InCommon very favorably
- Has the lowest on average support spend of all segments
- Highest responsibility for purchase decisions of all behavioral segments





Minimalists

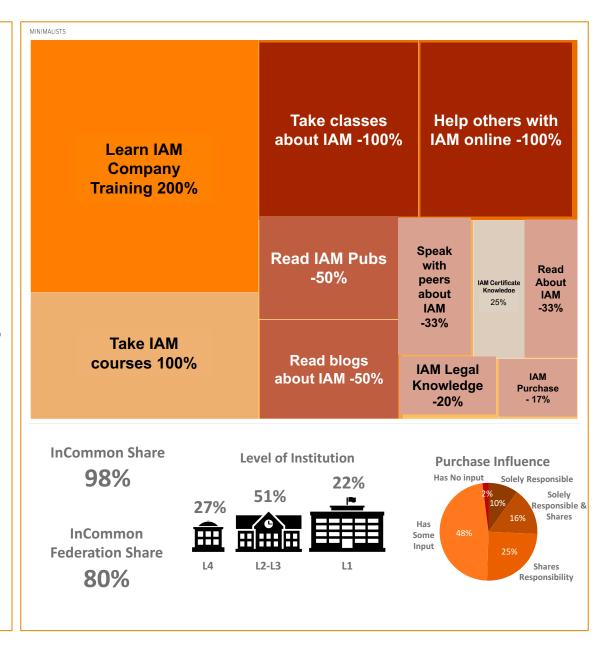




21% incidence

"I use IAM only in so far as I have to. I just to try to get by with as little as I need to"

- Learns IAM through on site organization training when offered
- Does not go out of the way to learn about IAM
- Does not help others and support them as often as peers
- Knowledge about IAM is less than peers
- Has some influence on purchase decision





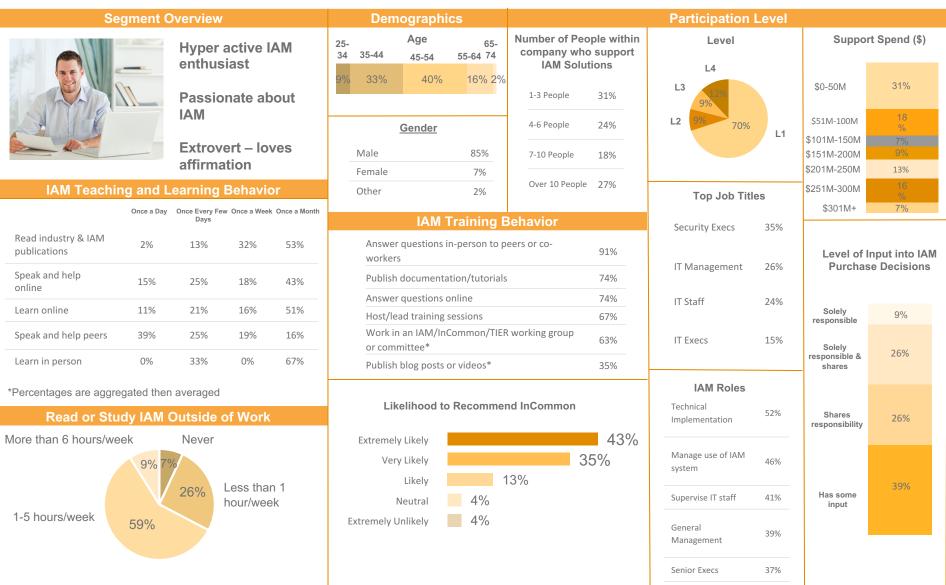


DEMOGRAPHICS



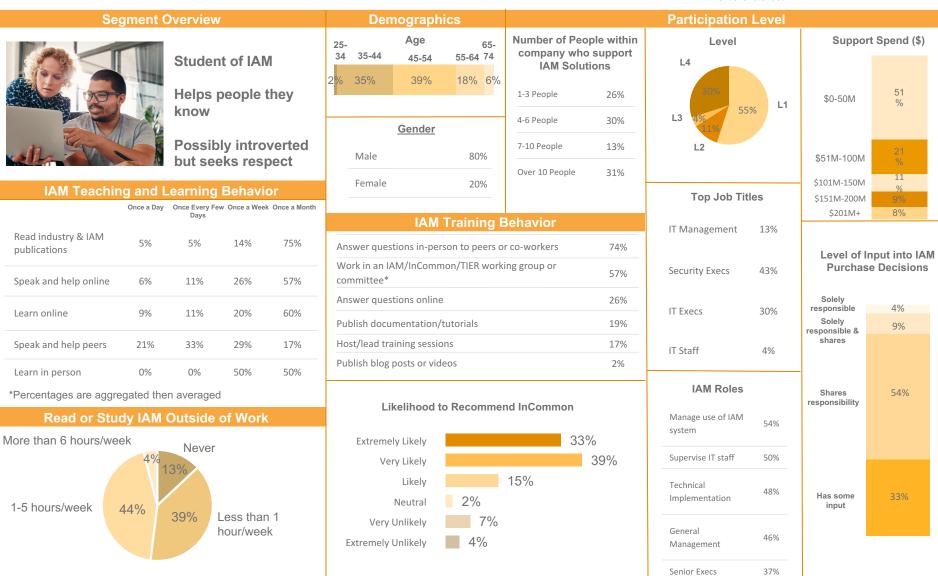
I love using, learning about, and sharing my knowledge of IAM with others online and in person

Activists



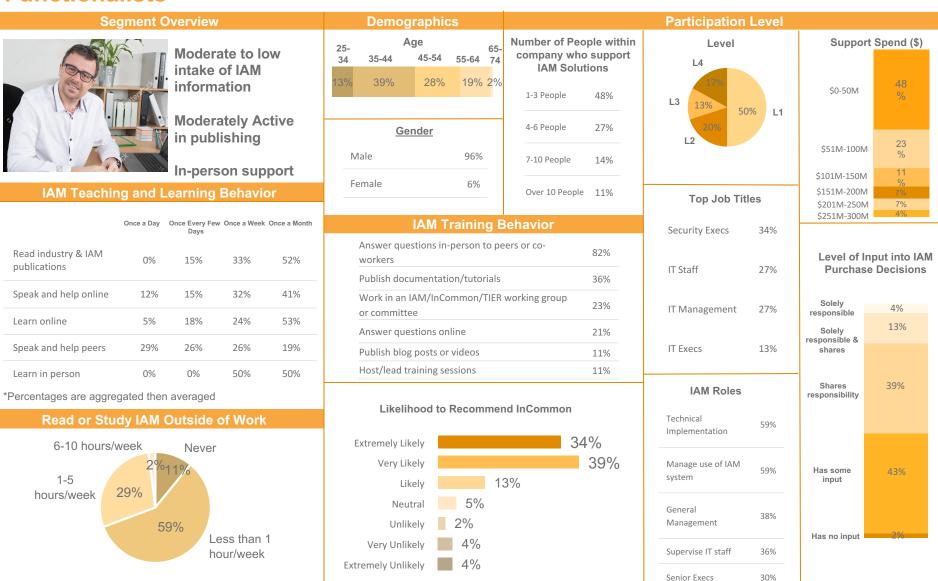
Scholars

"I am a valued IAM manager and expert in my organization and love to train people in small groups or one on one."



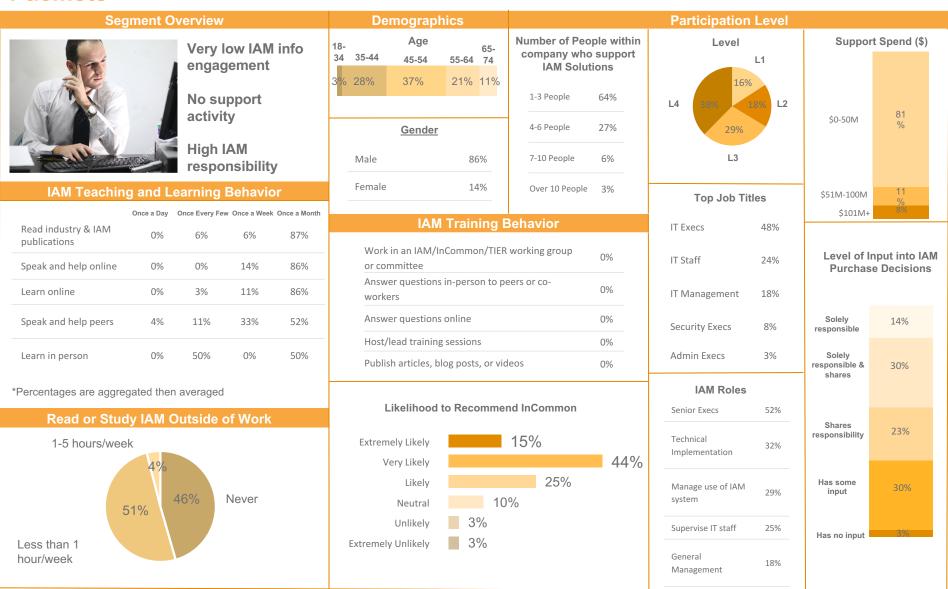
Functionalists

"It is most important that I can competently use and maintain IAM solutions on my job"



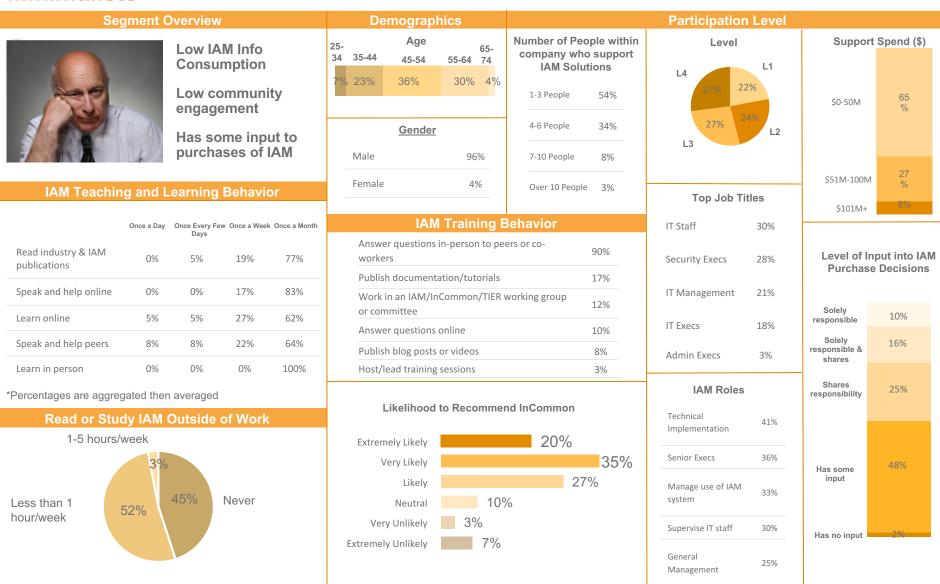
Pacifists

"IAM is something I am responsible for but it is not the primary focus of my job"



Minimalists

"I use IAM only in so far as I have to. I just to try to get by with as little as I need to"





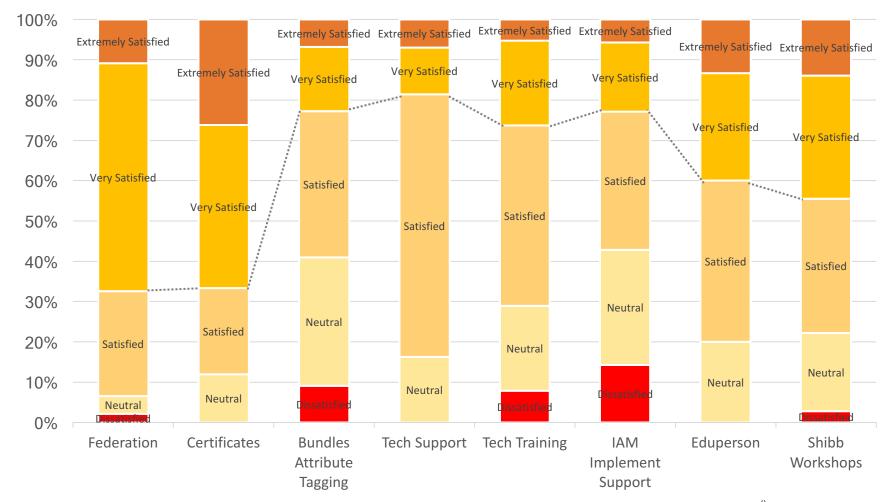
SATISFACTION, NEEDS



Higher Education – Activist's Satisfaction

VSAT+ runs highest with the Federation and Certificates. At SAT+ Tech Support is not far behind. Opportunities for improvement exist in Attribute Tagging and Implementation Support.

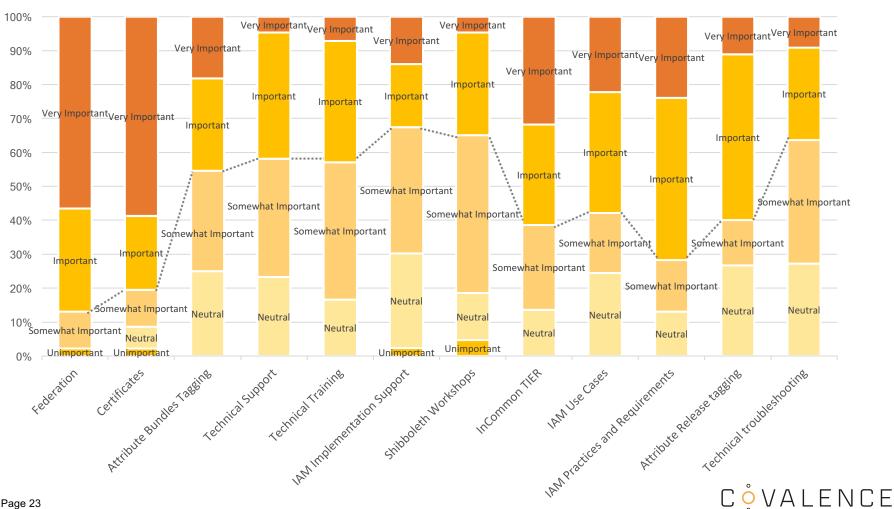
InC Service Satisfaction - Activists



Higher Education – Activist's Needs

By far the Federation and Certificates were top priorities for Activists followed by IAM Practices and Requirements, TIER, and Attribute Tagging. Of note is how low Tech Support, Training, and Support is with this group. This may be an indicator of their level of knowledge.

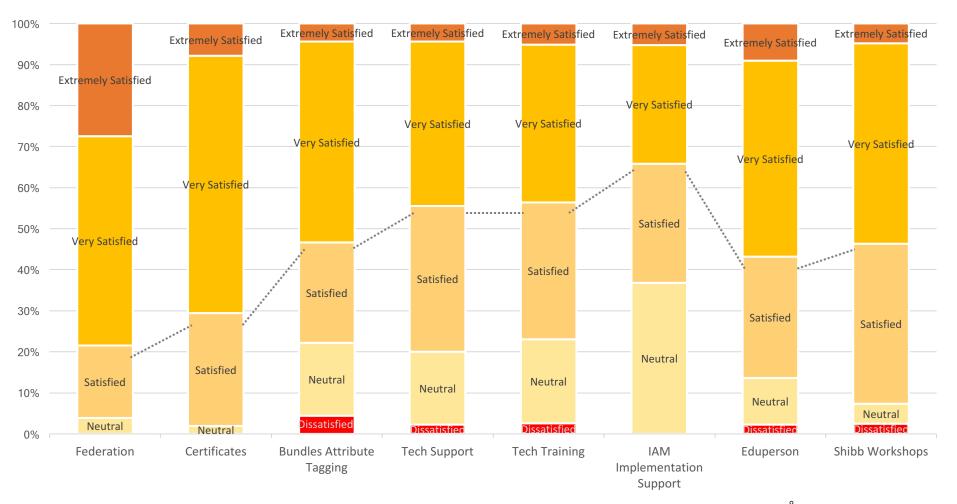
InC Priorities - Activists



Higher Education – Scholar's Satisfaction

VSAT+ runs highest with the Federation and Certificates. At SAT+ and VSAT, Eduperson and Shibb Workshops are in good shape. Implementation support indicates an opportunity in conjunction to a lesser extent Tech support and training.

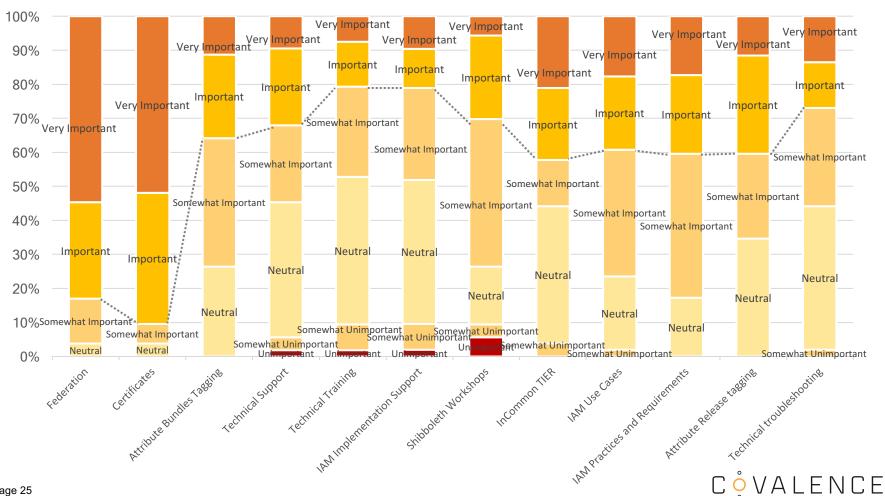
InC Service Satisfaction - Scholars



Higher Education – Scholar's Needs

By far the Federation and Certificates were top priorities for Scholars. However after that, things fall off significantly. Of note is how low Tech Support and IAM Implementation Support is with this group with training and support in general not far behind. This may be an indicator of their level of knowledge.

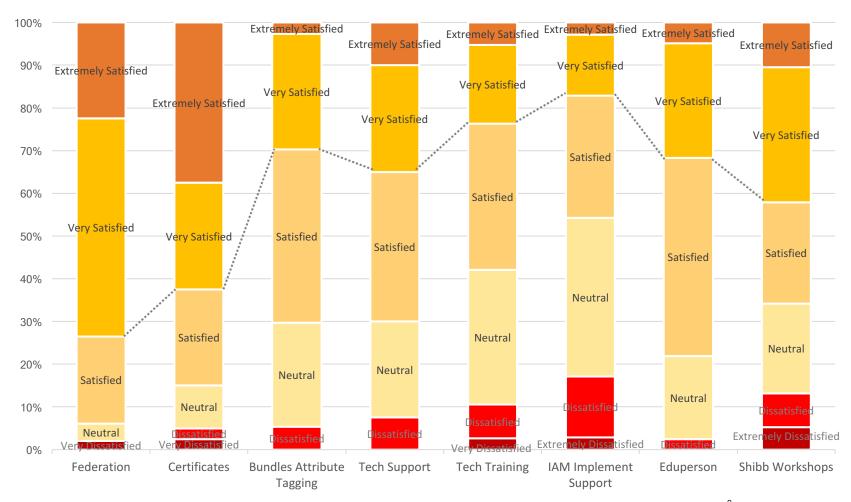
InC Priorities - Scholars



Higher Education – Functionalist's Satisfaction

VSAT+ runs highest with the Federation and Certificates. IAM implementation support and Shibboleth workshops are areas for improvement with this segment.

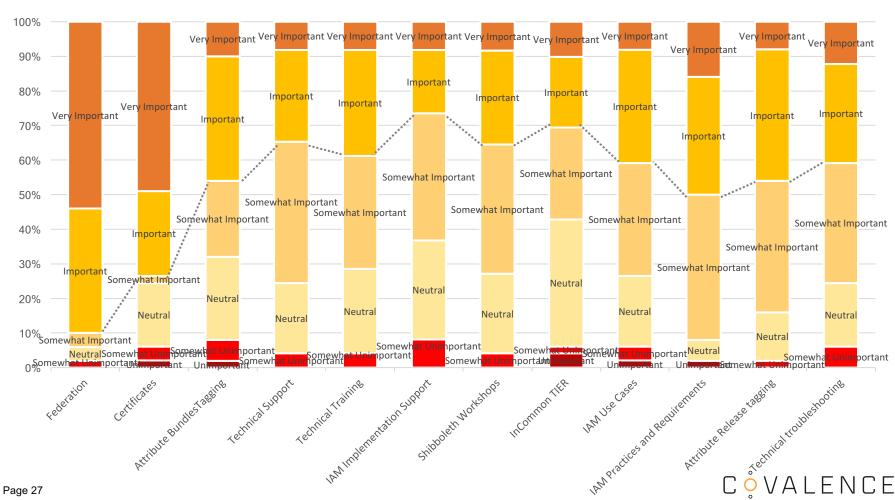
InC Service Satisfaction - Functionalists



Higher Education – Functionalist's Needs

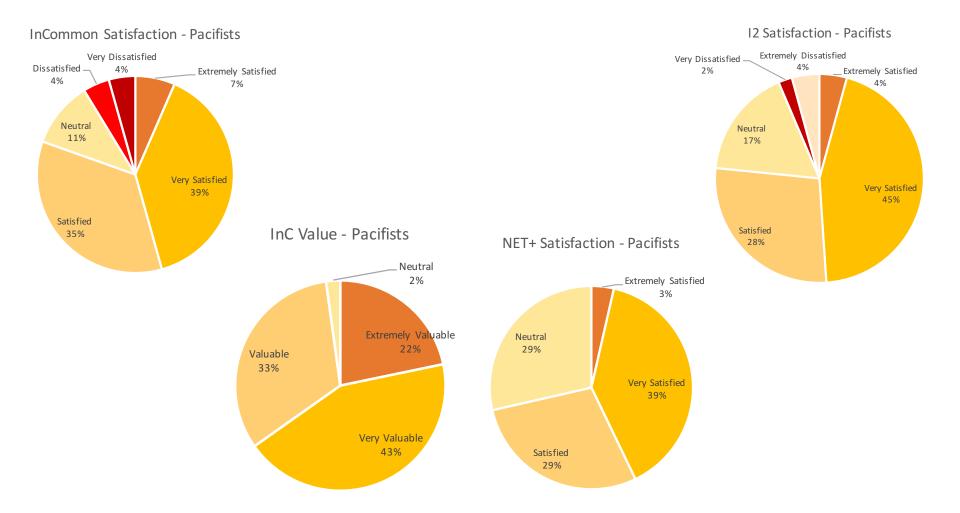
By far the Federation and Certificates were top priorities for Functionalists followed at a distance by IAM Practices and Requirements and Attribute Tagging. Of note is how low Implementation Support is as a need but its attribute as a source of pain on the previous slide.

InC Priorities - Functionalists



Higher Education – Pacifist's Satisfaction

Pacifists index highest on satisfaction with InCommon by far, followed by Internet2 and then by NET+. This group skews more to L3 and L4. InCommon value exceeds its satisfaction.

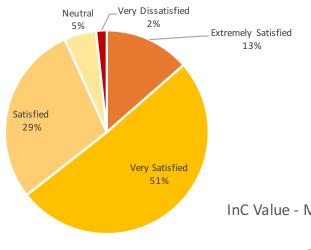




Higher Education – Minimalist's Satisfaction

Minimalists index higher on satisfaction with Internet2, followed closely by InCommon and then by NET+. InCommon Value tracks satisfaction with this segment.



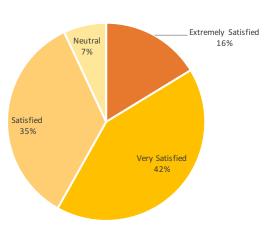




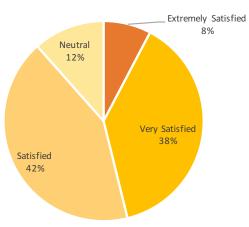
Valuable 31%



12 Satisfaction - Minimalists



NET+ Satisfaction - Minimalists





Food for thought

- The combination of activists and scholars are important for the current and future success of InCommon activities.
- Can activists and scholars be differently engaged/leveraged to close knowledge and action gaps among functionalists and minimalists?
 - ▶ Is there an opportunity for Internet2 to partner with EDUCAUSE to develop a supporting community for functionalists and minimalist?
- How can we get a keen sense of what is meant by "Identity as Service"?
- Are Google and Microsoft threats? Or an opportunity to leverage "commodity" or general purpose IAM capabilities for the purposes of serving the challenges specific to supporting education and research?
- Value leading satisfaction challenges to be overcome with prioritization, speed of execution, scope of services, and expectations management

