Identity Professionals Recommend
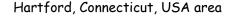
An annotated bibliography

Updated and Issued from Time to Time

Contributions by the membership of IDPro

compiled by
The Body of Knowledge Committee

December 24, 2018

George Dobbs

Hartford, Connecticut, USA area

    Although my day job is not currently involved directly with identity, I continue my long involvement with the subject in my role as chair of the IDPro body of knowledge committee. I also am a current board member IDPro.

    In previous roles I have had extensive experience in the corporate world designing and implementing both worker and customer identity systems. My most recent was in the area of so called "proofing" - how to recognize someone at a distance. I am concerned with methods of sharing knowledge and know-how.

Recommendations

1. Hoffman, Modern Methods for Computer Security and Privacy
2. Cameron, The Laws of Identity

André Koot

Amsterdam, Netherlands area

    IAM and Security Consultant at Nixu Benelux, IAM Internal Practice Lead Nixu.

    Sharing knowledge in the areas of
- Identity and Access Management
- Cloud security, yes cloud can be secured
- Information and enterprise architecture
- Cyberspace (since I am an RCX certified CyberXpert) and
- Innovation

Recommendations

1. Cameron, The Laws of Identity
2. Harper, Identity Crisis
3. Hardt, Identity 2.0 Keynote

Corey Scholefield

Victoria, British Columbia, Canada area

    I work in the area of public-sector digital identity management, designing access management solutions that meet requirements for information security, ease of use, and privacy. I am currently working on identity systems renewal projects for the University of Victoria, related to systems that provide accounts-provisioning, ac-

cess certification, and identity life-cycle management functions. I am also working in the area of identity federation with higher-Ed colleagues connected to BCNet, CANARIE, and the Canadian Access Federation.

Recommendations

1. Windley, *Digital Identity*
2. Prasad and Rajbhandari, *Identity Management on a Shoestring*
3. Hazelton and Walker, *The CIC Cloud Services Cookbook*

References

Cameron, Kim. The Laws of Identity. 2005. url: http://www.identityblog.com/stories/2005/05/13/TheLawsOfIdentity.pdf (visited on 12/01/2018).

It is such a fundamental piece of writing, that major topics are now part of GDPR.
– André Koot

Love the careful use of language. For example distinguishing between claims an assertions based on the connotation or not of doubt. How sad that 2005 era vision of user control and consent has not yet been universally accepted in 2018. In 2018 this document still provides a powerful framework for thought about identities.
– George Dobbs

Hardt, Dick. Identity 2.0 Keynote. 2005. url: https://www.youtube.com/watch?v=RrpajcAgR1E (visited on 12/01/2018).

Although an old video, still worthwhile: the keynote about "Identity 2.0". This presentation (great style, by the way) shows that we still have a long way to go to enable access.
– André Koot

Harper, Jim. Identity Crisis: How Identification is Overused and Misunderstood. Cato Institute, May 19, 2006, 250 pages.

I really love the subtitle. We should care more about Access, than about Identity. Especially in federated contexts, identity is no longer the bearer of authorizations.
– André Koot

Hazelton, Keith and David Walker. The CIC Cloud Services Cookbook. 2015. url: https://carmenwiki.osu.edu/display/CICIDM/The+CIC+Cloud+Services+Cookbook (visited on 12/01/2018).

A great reference coming from the higher-Ed space on SAML SSO integrations, written in a very compelling DO and DON'T format. Many great lessons-to-learn from this one, on many topics in the identity and access management space.
– Corey Scholefield

Hoffman, Lance J. Modern Methods for Computer Security and Privacy. Prentice-Hall, Inc., 1977, 234 pages.

It is interesting how much the world has changed since this book came out. And it is also interesting how much is still relevant. Sure you can smirk at some of the examples, such as a line speed of 600 characters per minute! However, it does a good job of the basics on Authentication and Authorization - many of the considerations are the same - although this predates public key technology and packet switched networks were not yet widely adopted. Chapter 5 is an excellent introduction to ciphers leading up to the P-boxes and S-boxes used Data Encryption Standard. Good background for more modern crypto! There is also a long bibliography of historical interest.
– George Dobbs

Prasad, Ganesh and Umesh Rajbhandari. Identity Management on a Shoestring. 2012. url: https://www.infoq.com/minibooks/Identity-Management-Shoestring (visited on 12/01/2018).

In some contexts, IDAM middleware doesn't get much love. And sometimes, not much budget. In those cases, take some tips from these authors as they assemble an admirable collection of open-source technologies, and an identity-management architecture (IMA) for enterprise. A great read, recommended to me by a respected IDAM colleague.
– Corey Scholefield

Windley, Phillip J. Digital Identity: Unmasking Identity Management Architeture (IMA). O'Reilly Media, 2005, 266 pages.

I've used Phil's resource before in several contexts, including: a) Course textbook for an online course in enterprise identity management b) Selecting some chapters as "homework assignments" for newcomers to our IDAM Team c) Educating decision-makers on the governance aspects of identity management in enterprise.
His chapter 15 example of an Identity Management Maturity (IMM) model is outstanding.
– Corey Scholefield