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Mythbusting: Trends and Buzzwords in IGA

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Motivation

- IGA is fast pacing area

- Many available options
  - Technologies, protocols, solutions, …

- Hype cycles

- Need to evaluate in bigger context

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Messaging for Provisioning and Synchronization

Messaging for Provisioning and Synchronization

- Mature technology

- Fast

- Scalable

- Reliable

- Universal

- Easy to implement

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Messaging for Provisioning and Synchronization

- Difficult debugging
    - Especially if something is missing
    - No stable states for comparison
- Reconciliation is necessary
    - Only matter of time
- Visibility / consistency

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MidPoint and Messaging

- Outbound
  - Connector for reconciliation
  - Standard provisioning is fast
  - Confirmation that changes were applied

- Inbound
  - Connector for reconciliation
  - Live sync might be slower
    - Does it matter?

- Messaging might bring speed
  - Is it worth it?

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MidPoint and Messaging - Conclusion

- Usually not worth the effort

- Can speed up inbound

- Can help with slow resources

- Losing visibility

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PBAC – Policy Based Access Control

Policy Based Access Control

- Several access control models

- RBAC - Role based access control
  - Roles to group users and accesses

- ABAC - Attributes based access control
  - Access based on users' properties (attributes)

- PBAC - Policy based access control
  - Apply any policy to make access decision
  - Is it the best solution?

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MidPoint and PBAC

- PBAC is mostly on access management side

- IGA

  - Who has access to what and why?

- Auditability

  - Policy definition vs. resulting access

- Reporting

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MidPoint and PBAC - Conclusion

- PBAC seems to be a great tool

- Keep IGA data in midPoint

- Access policies composed from

  - IGA data

  - Dynamic attributes/conditions (session related)

- Get the best from both worlds!

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Thank you for attention

If any questions occur, feel free to ask at **slavek@evolveum.com**

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