

MidPoint Community Meetup 2025

Zoom In on Attribute changes

Sponsored feature

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Agenda

- Audit browser improvements
 - Predefined interval searches
 - Search by changed items
 - Displaying deltas
- Works also for
 - Focus history
 - Reports
- Demo





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Attribute changes: Configuration

- Delta column can display
 - Old or new value
 - Old -> new value
- Works for both audit logs browser and focus history
- Reports
 - Old way still works, via ReportUtils.printDelta()
 - printDelta() now can take one more parameter, ItemPath
 - More utility methods on the way

```
<objectCollectionView>
<identifier>allAudits</identifier>
<includeDefaultColumns>true</includeDefaultColumns>
<type>AuditEventRecordType</type>
<column>
    <name>deltaColumn1</name>
    <path>delta</path>
    <displayValue>oldValue</displayValue>
    <display>
        <label>Estimated old values</label>
    </display>
</column>
<column>
    <name>deltaColumn2</name>
    <path>delta</path>
    <displayValue>newValue</displayValue>
    <display>
        <label>Delta</label>
    </display>
</column>
```



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Limitations

- We can't search/see history of concrete assignment (container)
 - E.g. whether it was approved
- Search is done purely via item path that's stored in audit record (changed items)
- Search using shadow attributes





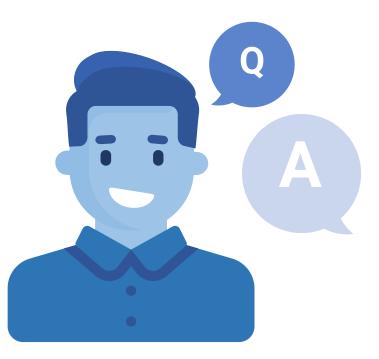
Demo





Questions

- What information do auditors expect to get?
 - Format, data, ...
- How do you display changes in your reports?
 - Dynamic (parametrized) changed item path?
- Partial changes
 - Searching for "assignment" changes
 - What about assignment[1]/activation/administrativeStatus for example?
- Report readability
 - Multiline deltas in CSV?
 - Single line {{prism structures}} with too much brackets and so on?
- Do you have interesting use cases?
- Any other feature missing?





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Evolveum Thank you for your attention

Feel free to ask your questions now!



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