

2 messages

Fri, Nov 20, 2020 at 2:48 PM

To: Mathew Lee <mleehong@tibco.com>, "mathew.lee@tibco.com" <mathew.lee@tibco.com>, Mike Vanhoof <mike.vanhoof@asm1.com>  
Cc: Alain Martens <amartens@tibco.com>, Olivier Keuque Tadaa <otadaake@tibco.com>, Thomas Blomberg <tblomber@tibco.com>

Hi Mathew.

After some discussion with our IT security we see two possible setups for HANA Cloud Data Connector.

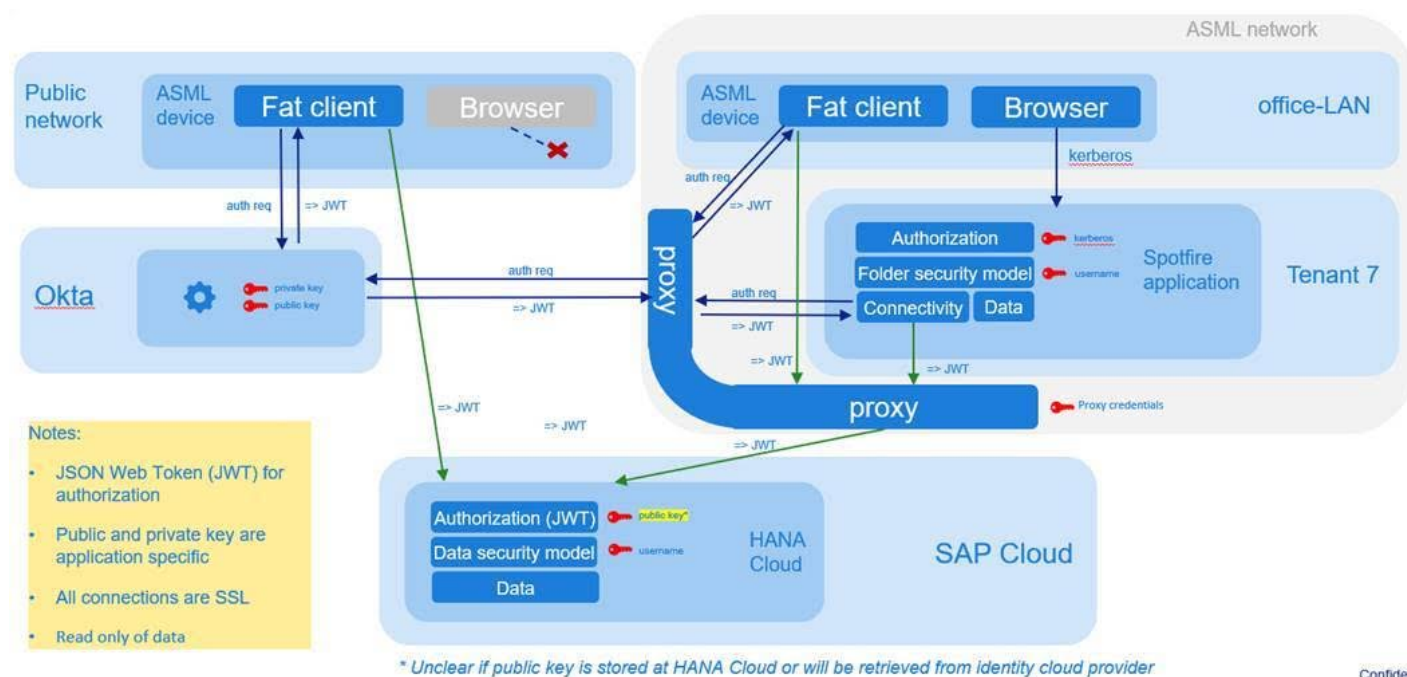
- Data Connector uses local stored key pair to generate JWT.
- Data Connector uses Cloud Identity Provider like Okta.

The second one is the preferred way forward but it raised the question on how can we setup some kind of trust between Otka and the Data Connector.

So how does Okta that generates the JWT know that a specific user is allowed to do this.

Would it be possible that the Data Connector has an OAuth2.0 or OpenID Connect mechanism to first validate and then connect to Okta for the JWT.

Can something like that be built in the Data Connector?



Thanks & regards,

Bart

**From:** Mathew Lee <mleehong@tibco.com>  
**Sent:** Monday, November 2, 2020 11:49 AM  
**To:** Bart Fisser <bart.fisser@asml.com>  
**Cc:** Alain Martens <amartens@tibco.com>; Olivier Keugue Tadaa <otadaake@tibco.com>  
**Subject:** Re: HANA Cloud JWT & data connector

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Hi Bart

It is technically feasible to use a similar approach for Data Connector with JWT over HANA cloud connection. It will need to use the HANA ODBC driver instead for Data Connector. However we are not certain on the amount of effort required for this. This is because although there is an API for custom data connector, it only supports in-memory data access. With the data connector, I assume you are after in-database data access and this requires access to the private API. We have experience with this private API within our team but it also requires knowledge on the HANA and HANA ODBC driver as the connector needs to map Spotfire operations into HANA queries. I suggest we establish a similar POC engagement if we were to proceed with this, so we can better gauge the effort estimation for building a productised deliverable.

Feel free to let me know if you have any questions.

Best Regards

**Mathew Lee Architect** | **M** +44 7771 695 348 | **E** mathew.lee@tibco.com | **Zoom Meeting**

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On Mon, Nov 2, 2020 at 8:10 AM Bart Fisser <bart.fisser@asml.com> wrote:

Hi Mathew,

Hope all is well?

Any update on this, I need this input to for a case to use the data connector on HANA Cloud.

Thanks & regards,

Bart

Confidential

**From:** Mathew Lee <mleehong@tibco.com>  
**Sent:** Thursday, October 22, 2020 14:39  
**To:** Bart Fisser <bart.fisser@asml.com>  
**Cc:** Alain Martens <amartens@tibco.com>  
**Subject:** Re: HANA Cloud JWT & data connector

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Hi Bart

I think this is a very good question and I haven't given much thought into this. It would have to be a custom data source. Let me get back to you whether this is feasible or not.

Best Regards

Mathew

On Thu, 22 Oct 2020 at 10:36, Bart Fisser <[bart.fisser@asml.com](mailto:bart.fisser@asml.com)> wrote:

Hi Mathew,

Would the same construction be possible for Data Connector to use the Data Connector with JWT?

At the moment we are not using the Data Connector but in the next weeks we might get some clarity from our IT security and with that in mind I want to prepare. 😊

Regards,

Bart

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**Thomas Blomberg** <[tblomber@tibco.com](mailto:tblomber@tibco.com)>  
To: Markus Kollind <[mkollind@tibco.com](mailto:mkollind@tibco.com)>, Hans Jenseus <[hjenseus@tibco.com](mailto:hjenseus@tibco.com)>

Mon, Nov 23, 2020 at 4:18 PM

Why we need to support tokens with SAP HANA... 🤖

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