

SAML v2.0 vs. JWT Series



Robert Broeckelmann · Follow

1 min read · Dec 25, 2016



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1



This is a list of all the SAML2 vs JWT related posts I have written. This series explores SAML2 use cases, JWT use cases, the relevant specifications, and explores how the two technologies differ. The reader will see how identity federation technology has evolved over the past fifteen years.

SAML 2.0 VS. JWT: UNDERSTANDING FEDERATED IDENTITY AND SAML

SAML v2.0 vs JWT: SAML2 Web Application SSO Use Cases

SAML v2.0 vs. JWT: SAML2 with SOAP Web Services and REST APIs

SAML v2.0 vs. JWT: SAML2 Single Logout

SAML2 vs JWT: Understanding JSON Web Token (JWT)

SAML2 vs JWT: Apigee & Azure Active Directory Integration — A JWT Story

SAML2 vs JWT: Understanding OAuth2

SAML2 vs JWT: Understanding OpenID Connect Part 1

SAML2 vs JWT: Understanding OpenID Connect Part 2

SAML2 vs JWT: Understanding OpenID Connect Part 3

When To Use Which (OAuth2) Grants and (OIDC) Flows

OpenID Connect Logout

JWT Use Cases

SAML2 vs JWT: A Comparison

If you are looking for more concrete examples involving OAuth2 and OpenID Connect, check out:

Red Hat SSO and 3Scale API Management Series

Saml

Jwt

API

Oauth2

Openid Connect

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My focus within Information Technology is API Management, Integration, and Identity—especially where these three intersect.

Responses (1)



What are your thoughts?

Respond



Marc Chanliau
over 5 years ago



The whole series is simply awesome. This could make for an amazing short book!



Reply

More from Robert Broeckelmann

120	4.081321	172.31.40.187	172.31.41.127	TCP	54 53143 → 88 [ACK] Seq=1 Ack=1 Win=573840 Len=0
121	4.081340	172.31.40.187	172.31.41.127	KRB5	266 AS-REQ
122	4.081759	172.31.41.127	172.31.40.187	KRB5	222 KRB Error: KRB5KDC_ERR_PREAUTH_REQUIRED
123	4.082008	172.31.40.187	172.31.41.127	TCP	54 53143 → 88 [FIN, ACK] Seq=233 Ack=189 Win=0 Len=0
124	4.082078	172.31.41.127	172.31.40.187	TCP	54 88 → 53143 [ACK] Seq=169 Ack=214 Win=573840 Len=0
125	4.082098	172.31.41.127	172.31.40.187	TCP	54 88 → 53143 [RST, ACK] Seq=169 Ack=214 Win=0 Len=0
126	4.082403	172.31.40.187	172.31.41.127	TCP	60 53144 → 88 [SYN, ECH, CWR] Seq=0 Win=8192 Len=0 MSS=8961 WS=256 SACK_PERM=1
127	4.082440	172.31.41.127	172.31.40.187	TCP	60 88 → 53144 [SYN, ACK, ECH] Seq=0 Ack=8192 Len=0 MSS=8961 WS=256 SACK_PERM=1
128	4.082791	172.31.40.187	172.31.41.127	TCP	54 53144 → 88 [ACK] Seq=1 Ack=1 Win=573840 Len=0
129	4.082936	172.31.40.187	172.31.41.127	KRB5	346 AS-REQ
130	4.083134	172.31.41.127	172.31.40.187	KRB5	150 AS-REP
131	4.083771	172.31.40.187	172.31.41.127	TCP	54 53144 → 88 [FIN, ACK] Seq=293 Ack=1508 Win=571008 Len=0
132	4.083808	172.31.41.127	172.31.40.187	TCP	54 88 → 53144 [ACK] Seq=1508 Ack=294 Win=573840 Len=0
133	4.083833	172.31.41.127	172.31.40.187	TCP	54 88 → 53144 [ACK] Seq=1508 Ack=294 Win=573840 Len=0
134	4.084056	172.31.40.187	172.31.41.127	TCP	60 53145 → 88 [SYN, ECH, CWR] Seq=0 Win=8192 Len=0 MSS=8961 WS=256 SACK_PERM=1
135	4.084076	172.31.40.187	172.31.41.127	TCP	60 88 → 53145 [SYN, ACK, ECH] Seq=0 Ack=8192 Len=0 MSS=8961 WS=256 SACK_PERM=1
136	4.084379	172.31.40.187	172.31.41.127	TCP	54 53145 → 88 [ACK] Seq=1 Ack=1 Win=573840 Len=0
137	4.084415	172.31.40.187	172.31.41.127	KRB5	1486 TGS-REQ
138	4.084903	172.31.41.127	172.31.40.187	KRB5	1537 TGS-REP
139	4.085243	172.31.40.187	172.31.41.127	TCP	54 53145 → 88 [FIN, ACK] Seq=1433 Ack=1508 Win=571008 Len=0
140	4.085358	172.31.41.127	172.31.40.187	TCP	54 88 → 53145 [ACK] Seq=1508 Ack=1434 Win=573840 Len=0
141	4.085357	172.31.41.127	172.31.40.187	TCP	54 88 → 53145 [ACK] Seq=1508 Ack=1434 Win=573840 Len=0



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Kerberos Wireshark Captures: A Windows Login Example

This blog post is the next in my Kerberos and Windows Security series. It describes the...

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OpenID Connect Logout

The OpenID Connect (OIDC) family of specs supports logout (from a single application)...


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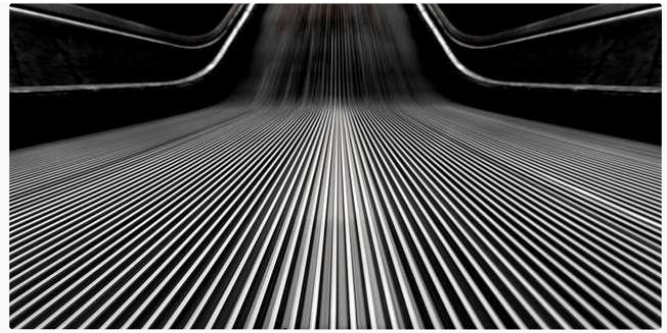



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Authentication vs. Federation vs. SSO

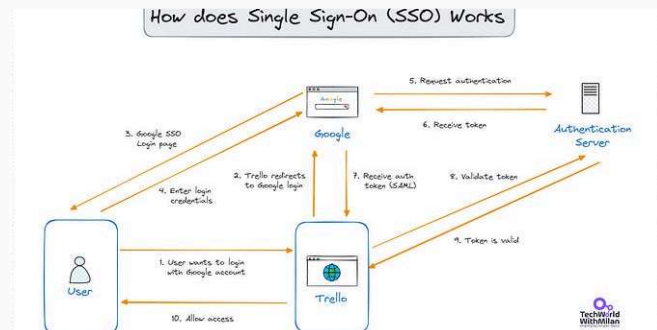
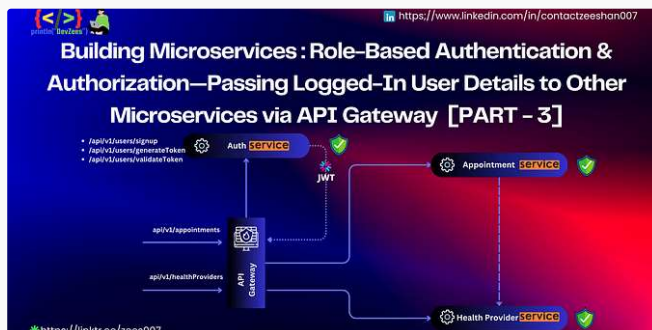
Authentication. Federation. Single Sign On (SSO). I've mentioned these concepts many...

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How does Single Sign-On (SSO) work?

Single Sign-On (SSO) is an authentication process that allows users to access multiple...

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Authorization type	Pros	Cons	Use Cases
BAC	Simplicity, Manageability, Performance	Limited Flexibility, Scalability Issues	Corporate intranet systems, content management systems
ABAC	Flexibility, Granularity	Complexity, Performance Overhead	Cloud services, large-scale enterprise systems
ACL	Granularity, Flexibility	Manageability, Scalability	File systems, databases, specific resource permissions
OAuth 2.0	Delegated Access, Standardization, Security	Complexity, Implementation Effort	Third-party API access, social media integrations, SSO systems
JWT	Stateless, Scalability, Interoperability	Security Risks, Token Management	RESTful APIs, microservices, single-page applications



Adnan taşdemir

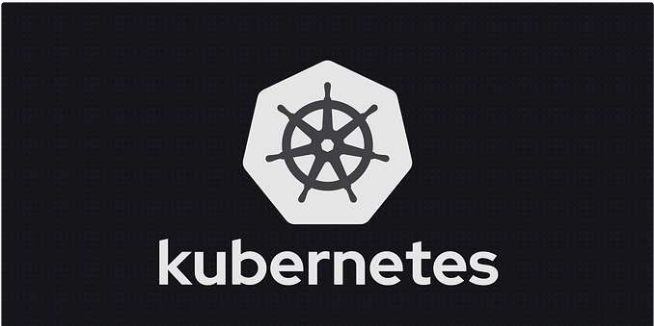
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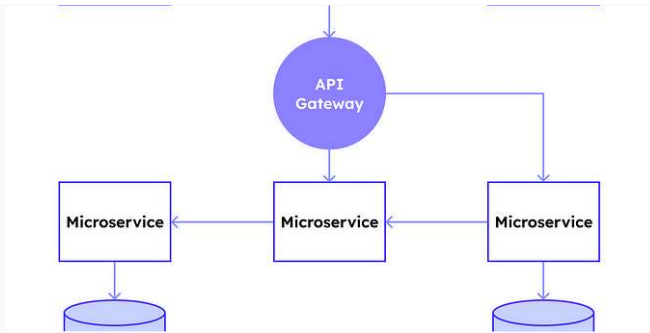
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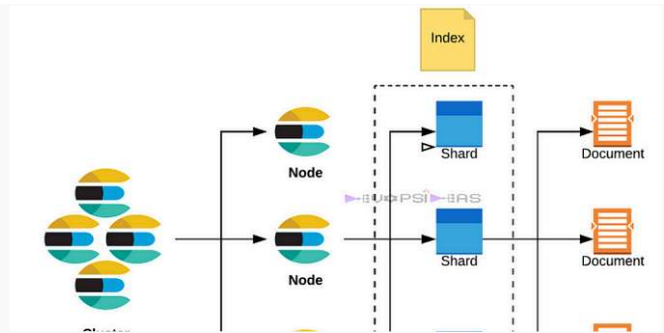


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