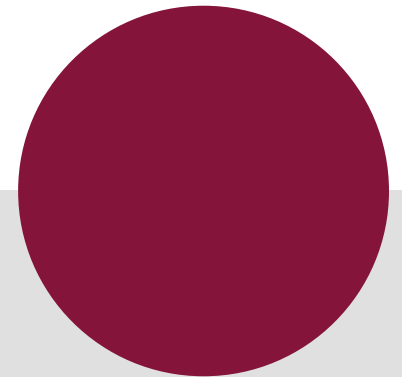




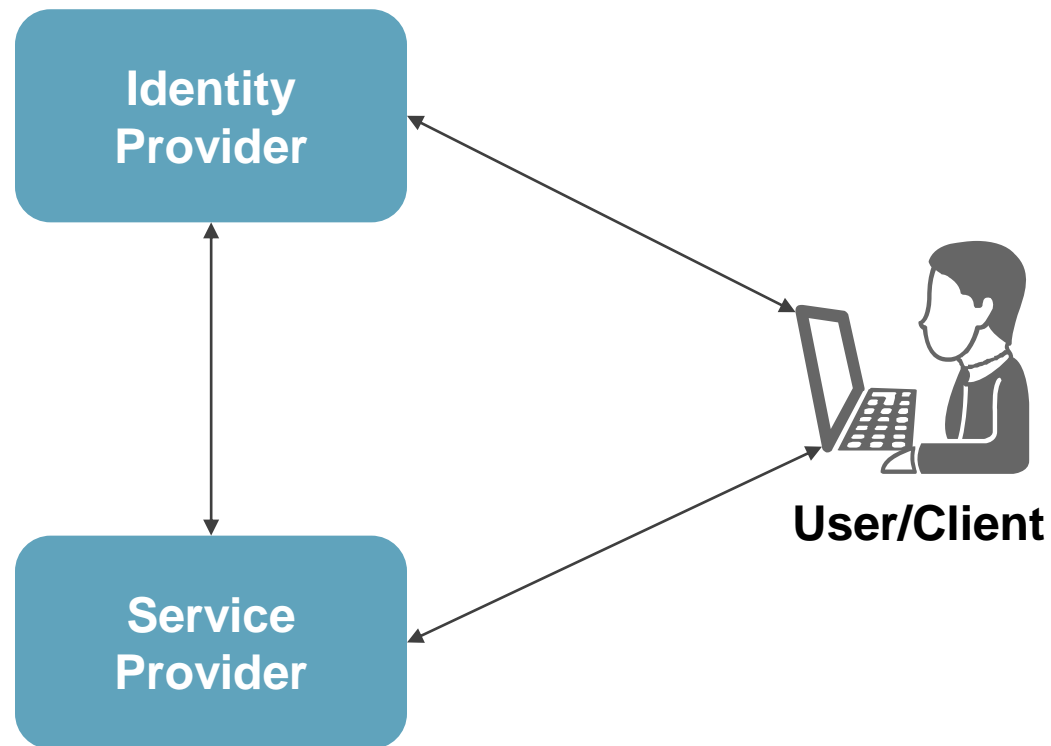
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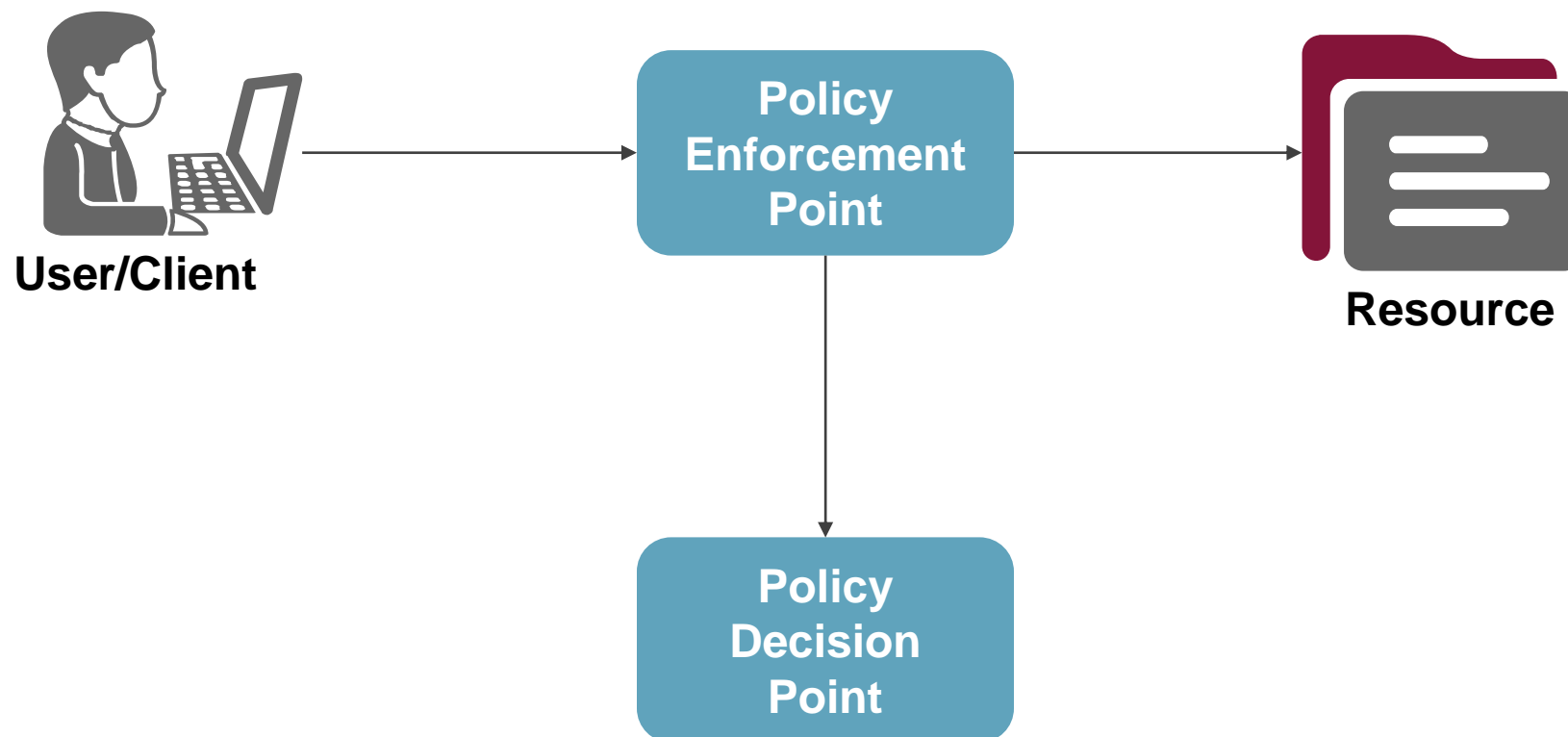
Von SAML bis OAuth2

Authentisierungs- und Berechtigungsszenarien erklärt für Entscheider

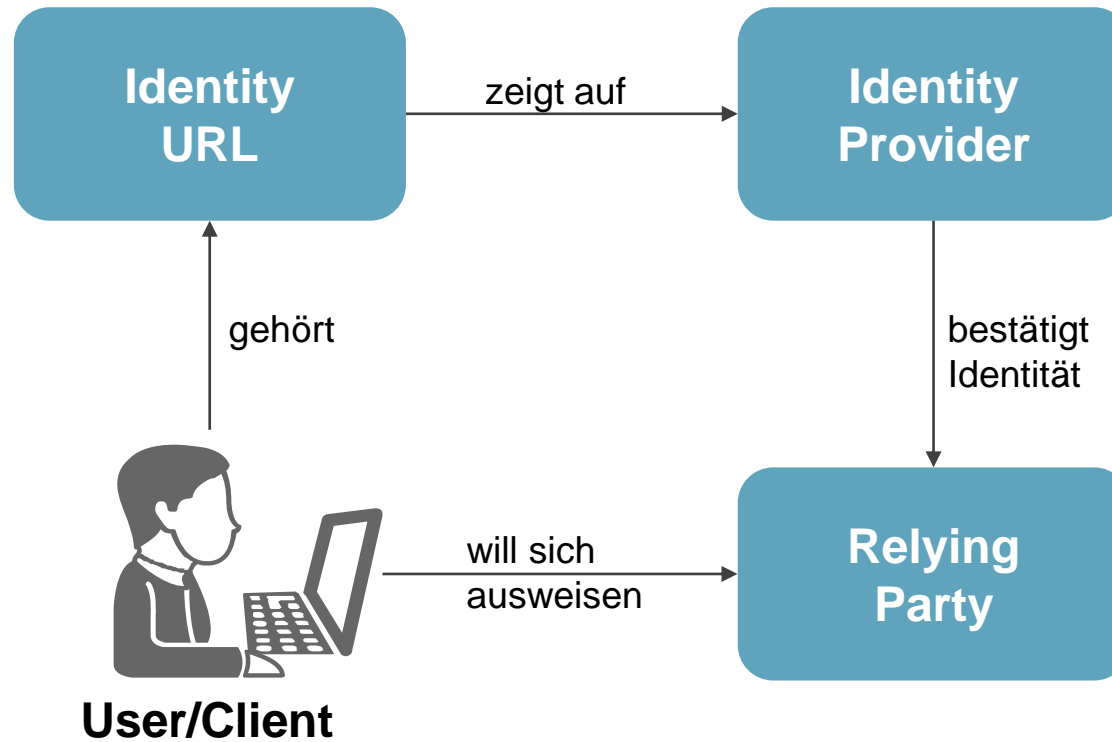
Security Assertion Markup Language (SAML)



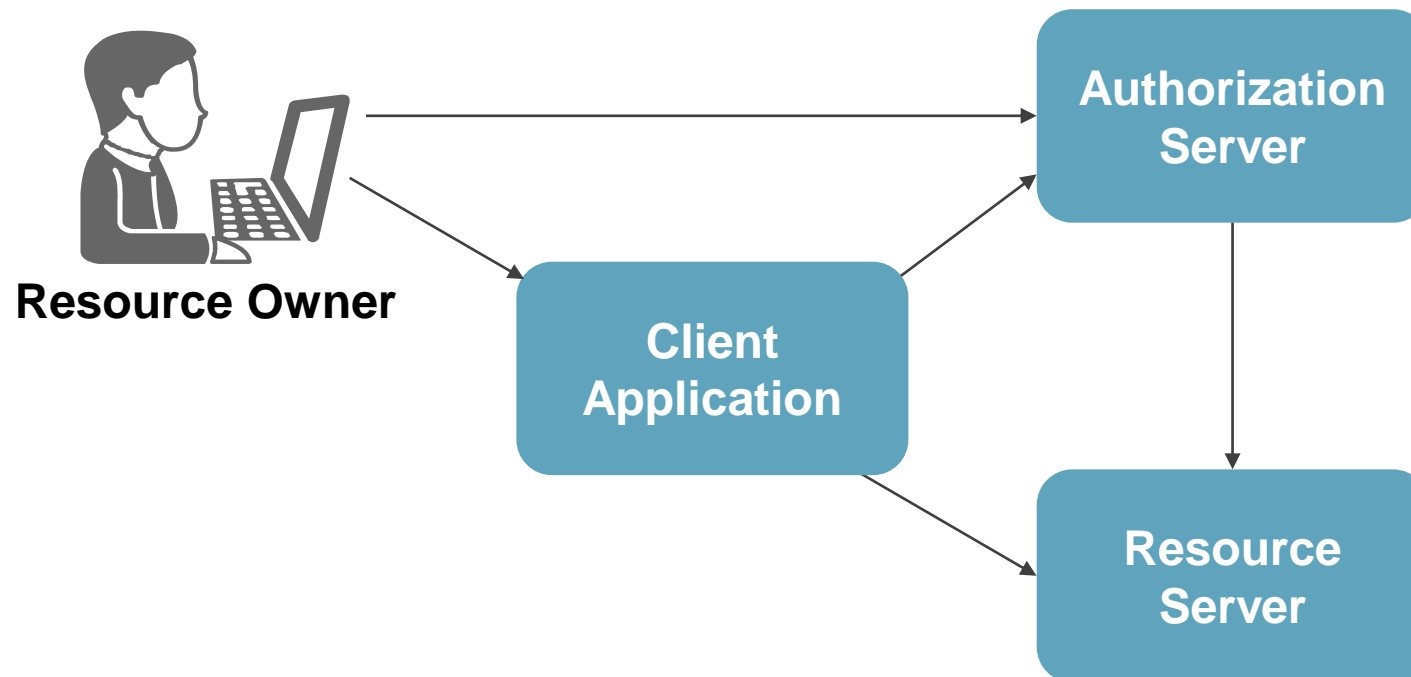
eXtensible Access Control Markup Language (XACML)



OpenID



Open Authorization (OAuth2)



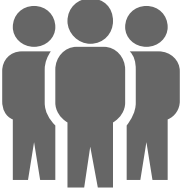





OAuth2 Grants

Anwendungsfall	Vertrauenswürdig	Öffentlich	Authorization Code	Refresh Token	Implicit	Client Credentials	Resource Owner Credentials	Device Code
WebApp/App	•	•	✓	✓				
SPA, JavaScript		•			✓			
Machine2Machine	•					✓		
Apps	•						✓	
IoT								✓

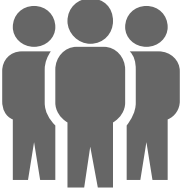





OpenID Connect (OIDC)



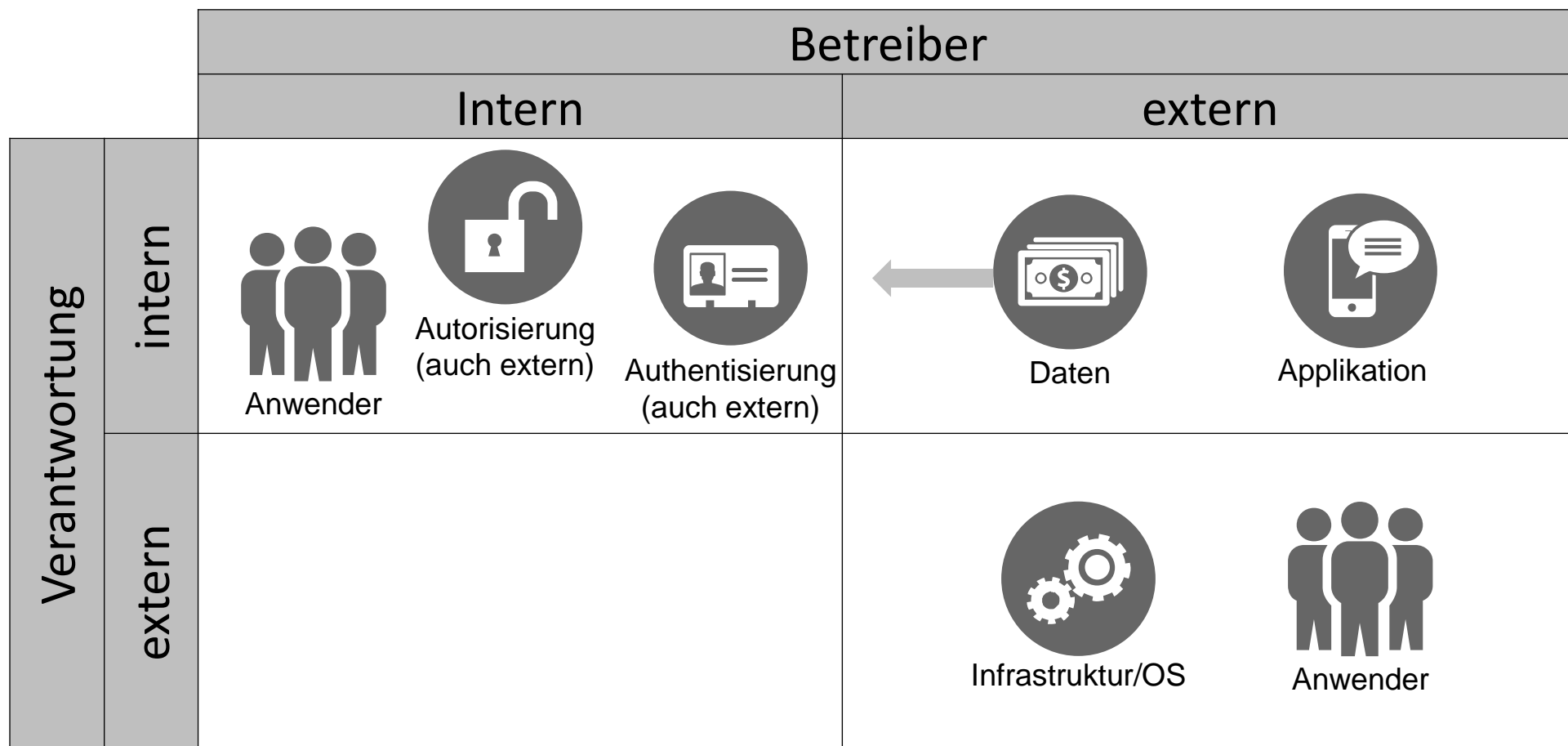
Interne Anwender -> externe Assets

		Betreiber	
		Intern	extern
Verantwortung	intern	 Anwender  Autorisierung (auch extern)  Authentisierung (auch extern)	 Daten
	extern		 Infrastruktur/OS  Applikation

Interne Anwender -> Unternehmens-Assets auf externer Plattform

		Betreiber				
		Intern		extern		
Verantwortung	intern	 Anwender	 Autorisierung (auch extern)	 Authentisierung (auch extern)	 Daten	 Applikation
	extern				 Infrastruktur/OS	

Externe Anwender -> Unternehmens-Assets



Welche Technologie?

Technologie	Authentisierung	Autorisierung
SAML / XACML	✓	✓
OpenID	✓	✗
OAuth2	✗ (!!!!)	✓
OpenID Connect	✓	✓



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Lead Consultant Information Security

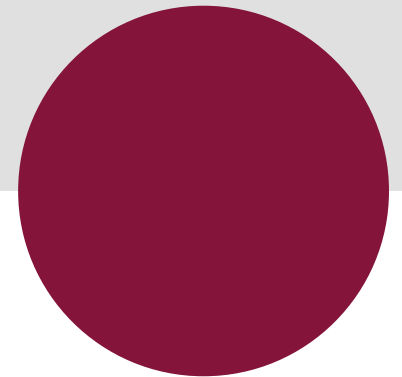
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