WIMSE - Credential Exchange

Individual draft submission

Meets **bi-weekly**, everyone is welcome!

WIMSE Token Exchange Design Team
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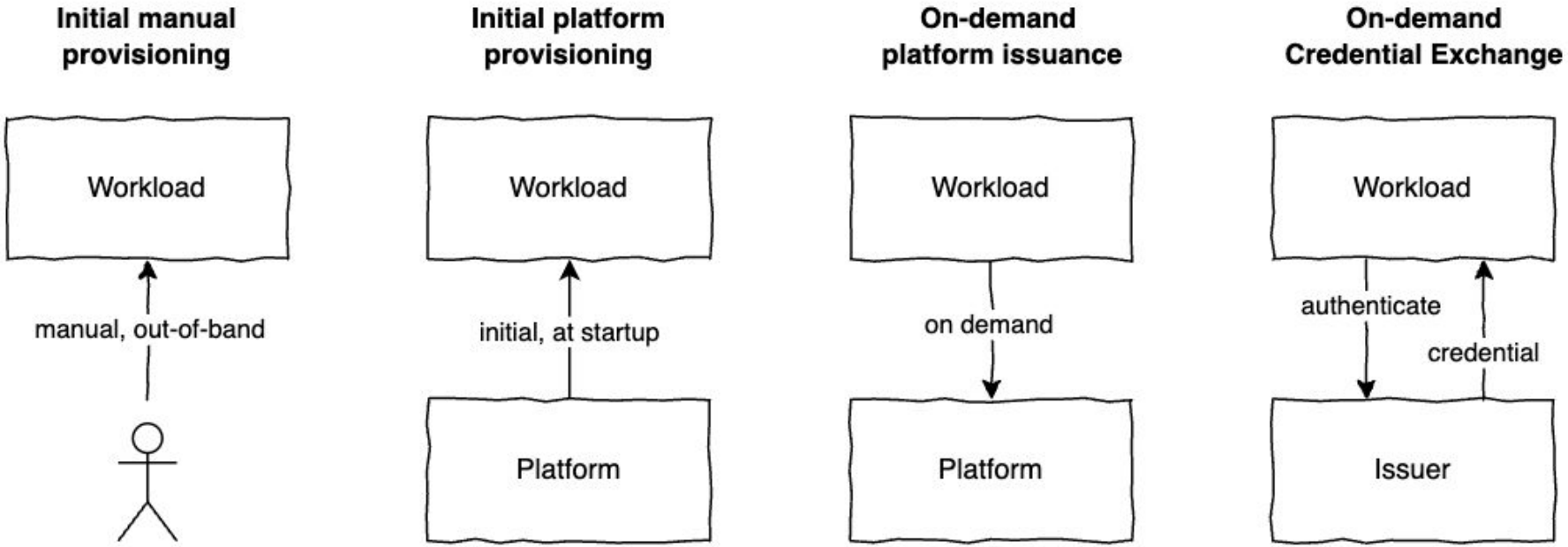
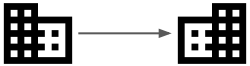
https://datatracker.ietf.org/doc/draft-schwenkschuster-wimse-credential-exchange/

Mechanisms


Initial manual provisioning
Workload
manual, out-of-band
Initial platform provisioning
Workload
initial, at startup
Platform
On-demand platform issuance
Workload
on demand
Platform
On-demand Credential Exchange
Workload
authenticate
credential
Issuer

Rationale

Change in Identity



Change in Identity

Change in Scope

Change in Lifetime

Change in Format

Missing platform support

Applying rational to mechanisms

	Change in trust domain	Change in identity	Change in scope	Change in lifetime	Change in format	Missing provisioning support
Initial Platform Provisioning						N/A
On-demand Platform Issuance						N/A
On-demand Credential Exchange						

See draft for reasoning

Applying rational to existing standards

	Change in trust domain	Change in identity	Change in scope	Change in lifetime	Change in format
OAuth 2.0 Token Exchange					(implicit)
OAuth 2.0 Assertion Flow		(implicit)	(implicit)	(implicit)	(implicit)

See draft for reasoning

Questions to the working group

- **Is this something the WG wants to work on?**
- Other existing, framework- or format-specific “exchange” protocols out there?
- Next steps?