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An IETF URN Sub-Namespace for JSON Web Token Claims  
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## Abstract

This document establishes an IETF URN Sub-namespace for use with JSON Web Token claims.

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## 1. Introduction

Various systems related to authentication and identity use URIs to identify values and value types. This document creates and registers an IETF URN Sub-namespace, as documented in [RFC3553], to map claims specified in the JSON Web Token Claims registry to URIs.

## 2. IANA Considerations

### 2.1. Sub-Namespace Registration of urn:ietf:params:jwt-claims

Per [RFC3553], this document registers a new URN Sub-namespace, urn:ietf:params:jwt-claims.

- \* Registry name: jwt-claims
- \* Specification: [this document]
- \* Repository: The [IANA.JWT.Claims] registry as established by Section 10.1 of [RFC7519]
- \* Index value: values subordinate to urn:ietf:params:jwt-claims are of the form urn:ietf:params:jwt-claims:<value> with <value> as the index value. The index value is determined from the "Claim Name" property of registrations in the "JSON Web Token Claims" registry.

## 3. Security Considerations

There are no additional security considerations beyond those already inherent to URNs or JSON Web Tokens. Security considerations for URNs in general can be found in [RFC8141]. Security considerations for JWTs in general can be found in [RFC7519].

## 4. References

### 4.1. Normative References

- [RFC3553] Mealling, M., Masinter, L., Hardie, T., and G. Klyne, "An IETF URN Sub-namespace for Registered Protocol Parameters", BCP 73, RFC 3553, DOI 10.17487/RFC3553, June 2003, <<https://www.rfc-editor.org/info/rfc3553>>.
- [RFC7519] Jones, M., Bradley, J., and N. Sakimura, "JSON Web Token (JWT)", RFC 7519, DOI 10.17487/RFC7519, May 2015, <<https://www.rfc-editor.org/info/rfc7519>>.
- [RFC8141] Saint-Andre, P. and J. Klensin, "Uniform Resource Names (URNs)", RFC 8141, DOI 10.17487/RFC8141, April 2017, <<https://www.rfc-editor.org/info/rfc8141>>.
- [IANA.JWT.Claims]  
"JSON Web Token Claims",  
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## 4.2. Informative References

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