

# Appendix A. Augmented Backus-Naur Form (ABNF) Syntax

## Appendix A. Augmented Backus-Naur Form (ABNF) Syntax

RFC 5234 defines the ABNF syntax. The ABNF syntax is defined in [W3C.REC-XML-20081126] and is based on UTF-8.

RFC 3986 defines the URI syntax.

VSCHAR	= %x20-7E
NQCHAR	= %x21 / %x23-5B / %x5D-7E
NQSCHAR	= %x20-21 / %x23-5B / %x5D-7E
UNICODECHARNOCRLF	= %x09 / %x20-7E / %x80-D7FF / %xE000-FFFD / %x10000-10FFFF

UNICODECHARNOCRLF is defined in [W3C.REC-XML-20081126] 2.2.

## Appendix A. Augmented Backus-Naur Form (ABNF) Syntax

This section provides Augmented Backus-Naur Form (ABNF) syntax descriptions for the

elements defined in this specification using the notation of [RFC5234]. The ABNF below is defined in terms of Unicode code points [W3C.REC-xml-20081126]; these characters are typically

encoded in UTF-8. Elements are presented in the order first defined.

Some of the definitions that follow use the "URI-reference" definition from [RFC3986].

Some of the definitions that follow use these common definitions:

VSCHAR = %x20-7E

NQCHAR = %x21 / %x23-5B / %x5D-7E

NQSCCHAR = %x20-21 / %x23-5B / %x5D-7E UNICODECHARNOCRRLF = %x09 / %x20-7E / %x80-D7FF

/

%xE000-FFFF / %x10000-10FFFF

(The UNICODECHARNOCRRLF definition is based upon the Char definition in Section 2.2 of [W3C.REC-xml-20081126], but omitting the Carriage Return and Linefeed characters.)

## A.1. “client\_id”

“client\_id” 4.3.1

```
client-id = *VSCHAR
```

## A.2. “client\_secret”

“client\_secret” 4.3.1

```
client-secret = *VSCHAR
```

## A.3. “response\_type”

“response\_type” 3.1.18.4

```
response-type = response-name *( SP response-name )  
response-name = 1*response-char response-char = "_" / DIGIT / ALPHA
```

## A.4. “scope”

“scope” 3.3

```
scope = scope-token *( SP scope-token ) scope-token = 1*NQCHAR
```

## A.5. “state”

“state” 4.1.14.1.2.14.2.14.2.2.14.2.2.1

```
state = 1*VCHAR
```

## A.6. “redirect\_uri”

“redirect\_uri” 4.1.14.1.34.2.1

```
redirect-uri = URI-reference
```

# A.7. “error”

“error”4.0.2.14.2.2.15.27.28.5

error = 1\*NQCHAR

# A.8. “error\_description”

“error\_description”4.0.2.14.2.2.15.27.2

error-description = 1\*NQCHAR

# A.9. “error\_uri”

“error\_uri”4.0.2.14.2.2.15.27.2

error-uri = URI-reference

---

Revision #2

Created Thu, Mar 26, 2020 9:27 AM by □□

Updated Thu, Mar 26, 2020 9:43 AM by □□