

NV2 - Errors

- Error Types
 - Error type 1: Authorization
 - Error type 2: User Input
 - Error type 3: Service Objects Fatal
 - Error type 4: Domain Specific

Anything that happens during a run of DOTS Name Validation 2 that causes it to be unable to finish its normal processing is an error. If an error occurs, something like the following will be the result instead of the normal output:

Example:

	Error! <Type>Authorization</Type> <TypeCode>1</TypeCode> <Desc>Your license key does not work on this service.</Desc> <DescCode>8</DescCode>
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There are four error types described below.

Error Types

Type	TypeCode	Billable	Standard for all Gen2 Web Services
Authorization	1	No	Yes
User Input	2	Yes	No
Service Objects Fatal	3	No	Yes
Domain Specific	4	Yes	No

Error type 1: Authorization

These are standard to all Generation 2 DOTS Web Services.

DescCode	Description
0	Unknown authorization error.
1	Please provide a valid license key for this web service.
2	The daily allowable number of transactions for this license key has been exceeded.
3	The monthly allowable number of transactions for this license key has been exceeded.

4	The total allowable number of transactions for this license key has been exceeded.
5	There are not enough transactions available. Check your daily /monthly transaction limits.
6	This license key has not yet been activated.
7	This license key has expired.
8	Your license key does not work on this service.

Error type 2: User Input

These errors occur as a result of bad input. DOTS Name Validation 2 requires a name to be present in order for a proper validation to take place.

DescCode	Description
1	You must input a name.

Error type 3: Service Objects Fatal

The Desc will always be the same and the DescCode has no meaning. This is standard to all Generation 2 DOTS Web Services. This is a rare error that signals either a bug in the DOTS Name Validation 2 service or a Network/Connectivity issue.

DescCode	Desc
1	Unhandled error. Please contact Service Objects.

Error type 4: Domain Specific

Domain specific errors represent the normal errors seen in Service Objects services. For example, if the user is looking for an address in DOTS Address Validation and the address does not exist, a valid domain specific error is "Address not found."

DescCode	Desc
1	An issue occurred during name parsing.