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**Apriva Cloud Interface Web Services (JSON) -
Card On File Web Services v2**

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This document is the Apriva Cloud Interface Web Services (JSON) - Card On File.

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OVERVIEW

APRIVATalk is the base foundation for APRIVA's gateway solution. The framework that makes up APRIVATalk has full flow control, data integrity, and scalability. APRIVATalk contains multiple layers which can be implemented using different levels of complexity. The focus of this document will be to enable the developer to begin using the APRIVA POS JSON Protocol.

CARD ON FILE

Apriva's Card On File service is a PCI-compliant solution that allows integrators to tokenize card data and remain outside of PCI Scope. Storing payment cards on file allows customers to make payments without needing to re-enter their payment details at the beginning of every transaction, and allows merchants to manage subscription or recurring payments without re-capturing customer card data at each successive payment.

Apriva is migrating towards version 2 of the Web Services. This migration means some Card On File functionality that was available in version 1 is no longer supported at this time.

Methods

Method		Description
POST	Add Card on File	Add a credit card information to the Apriva gateway
PATCH	Update Card on File	Use this method to update the expiration date for a Card On File.
DELETE	Remove Card on File	Use this method to remove a Card On File.

Add Card On File

A card can be added by providing the card information via Web Services.

Method: POST

Endpoint: <https://aibapp144.aprivaeng.com:9467/pay/v2/tokens>

Sample:

Content-Type: application/json

Apriva-Platform-Key: db347fc1-215b-4fc2-b41c-c407dfdaf600-1000-D144

Apriva-Agent: IntegratorName AppName AppVersion

Apriva-SDK: 2.0

Authorization: Bearer 298681||1507826560||https://ws.api.apriva.com/auth/user||https://aibapp144.aprivaeng.com:9467/||GAfK73nJklx4BJxONiqiW9smdKq3WklQQg+E6171Ae4pSbtqTL/8MEzDu6jLgax9MDcl9sa87tzTww3KhKv0AmGXRBNgBwAmDuJXc3IszWJG4punMKTJ2sJUflmzwiU/hxQbSHYqooYvbZnUEy4Plw8R2ztyJ0N7jGdGCLDZvzU1axuKIyTeL2KU30tkEKkwh4QYjBpcPhLHLaFBrySubNccatmGYtHAnHDsWYcXk/FMCVkk1mu9523g3BLDJ459H3ZCNiHp6Bj+r4ybpwvBB0uzb6ngba37Gs8Z6TLv47kfkKcKAKEpZuhtX+2D5abhT3nQksiZehmumgeN3WSH8w==

```
{
  "multi_use": true,
  "manual_card_data": {
    "card_number": "6011225045113005",
    "card_present": true,
    "expiration_month": 12,
    "expiration_year": 22,
  }
}
```

Response:

```
{
  "multi_use": true,
  "tokenized_card_info": {
    "last_four": "3005",
    "expiration_month": 12,
    "expiration_year": 22,
    "commercial_card": false
  },
  "token": "COF-f285f891-5a3e-4756-93b3-632423ab80cc-3005",
  "unique_request_id": null,
  "timestamp": "2017-10-23T15:07:09.521Z",
  "auth_code": null,
  "rrn": null,
  "response_code": "0",
  "response_text": "Success",
  "processor_response_data": null
}
```

Run Credit Sale using Card On File

Credit sale transactions are the processing of payment using a major brand such as Visa, MasterCard, Discover, American Express, etc. Credit sale transactions run from an existing Card On File are processed using an Apriva token. Apriva replaces this token with the card data on file and sends a manual transaction to the end processor.

Card On file transactions are similar to swiped sale transactions except for the **CardOnFileToken**.

Method: POST

Endpoint: <https://aibapp144.aprivaeng.com:9467/pay/v2/payments/charge>

Sample:

Content-Type: application/json

Apriva-Platform-Key: db347fc1-215b-4fc2-b41c-c407dfdaf600-1000-D144

Apriva-Agent: IntegratorName AppName AppVersion

Apriva-SDK: 2.0

Authorization: Bearer 298681||1507826560||https://ws.api.apriva.com/auth/user||https://aibapp144.aprivaeng.com:9467/||GAfK73nJklx4BJxONiqiW9smdKq3WklQQg+E6171Ae4pSbtqTL/8MEzDu6jLgax9MDcl9sa87tzTww3KhKv0AmGXRBNgBwAmDuJXc3IszWJG4punMKTJ2sJUflmzwiU/hxQbSHYqooYvbZnUEy4Plw8R2ztyJ0N7jGdGCLDZvzU1axuKIyTeL2KU30tkEKkwh4QYjBpcPhLHLaFBrySubNccatmGYtHAnHDsWYcXk/FMCVkk1mu9523g3BLDJ459H3ZCNiHp6Bj+r4ybpwvBB0uzb6ngba37Gs8Z6TLv47kfFKcKAKEpZuhtX+2D5abhT3nQksiZehmumgeN3WSH8w==

```
{
  "amount": "300",
  "tokenized_card_data": {"token": "COF-f285f891-5a3e-4756-93b3-632423ab80cc-3005"}
}
```

Update Card On File

A Card On File can be updated with a new expiration date. To update the card number, however, requires a Remove Card On File, followed by Add Card On File with the new card number.

Method: PATCH

Endpoint: <https://aibapp144.aprivaeng.com:9467/pay/v2/tokens/{token}>

Sample:

PATCH <https://aibapp144.aprivaeng.com:9467/pay/v2/tokens/COF-a2e54d7a-dbe1-4502-9a21-16343525df80-6542>

```
{  
  "expiration_month": 12,  
  "expiration_year": 26  
}
```

Remove Card On File

Remove Card On File allows merchants to remove (DELETE) a payment card they have previously stored on file.

Method: DELETE

Endpoint: <https://aibapp144.aprivaeng.com:9467/pay/v2/tokens/{token}>

Sample:

DELETE <https://aibapp144.aprivaeng.com:9467/pay/v2/tokens/COF-a2e54d7a-dbe1-4502-9a21-16343525df80-6542>

DOCUMENT MODIFICATION HISTORY

Date	Version	Changes Made	Editor
5/21/2018	1.0	Added Methods and Examples for v2 WS	CA