

credentialOnFile

Data Elements

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	Key	Format	CND	Description
1	type	object	M	Type of credential on file payment
2	initialPayment	boolean	M	Indicates whether a card on file transaction is the first one in a series of transactions (establishment) or a subsequent transaction
3	useCase	string	O	Type of use case that is intended.

type

	Key	Format	CND	Description														
1	recurring	object	C	Recurring payments are a series of transactions processed pursuant to an agreement between a cardholder and a merchant where the cardholder purchases goods or services over a period of time through a number of separate transactions. Please note that in the context of PSD2 and SCA requirements the European Banking Authority (EBA) describes recurring payments as a series of transactions with the same amount and with the same payee. In conjunction with useCase (optional): <table><tr><th>useCase (optional)</th><th>Description</th></tr><tr><td>absent</td><td>Standard subscription use case</td></tr><tr><td>fixed</td><td>Subscription is fixed amount, fixed duration /frequency</td></tr><tr><td>flexibleAmount</td><td>Subscription has flexible amount, fixed duration /frequency</td></tr><tr><td>flexibleFrequency</td><td>Subscription has fixed amount, flexible duration /frequency</td></tr></table>	useCase (optional)	Description	absent	Standard subscription use case	fixed	Subscription is fixed amount, fixed duration /frequency	flexibleAmount	Subscription has flexible amount, fixed duration /frequency	flexibleFrequency	Subscription has fixed amount, flexible duration /frequency				
useCase (optional)	Description																	
absent	Standard subscription use case																	
fixed	Subscription is fixed amount, fixed duration /frequency																	
flexibleAmount	Subscription has flexible amount, fixed duration /frequency																	
flexibleFrequency	Subscription has fixed amount, flexible duration /frequency																	
2	unscheduled	string	C	Value indicating the party that initiates a credential on file transaction that does not occur on a fixed schedule. <table><tr><th>unscheduled</th><th>Description</th></tr><tr><td>CIT</td><td>Customer Initiated Transaction</td></tr><tr><td>MIT</td><td>Merchant Initiated Transaction</td></tr></table> In conjunction with useCase (optional): <table><tr><th>useCase (optional)</th><th>Description</th></tr><tr><td>absent</td><td>Standard unscheduled use case</td></tr><tr><td>cof</td><td>Credential On File / One-Click</td></tr><tr><td>ucof</td><td></td></tr></table>	unscheduled	Description	CIT	Customer Initiated Transaction	MIT	Merchant Initiated Transaction	useCase (optional)	Description	absent	Standard unscheduled use case	cof	Credential On File / One-Click	ucof	
unscheduled	Description																	
CIT	Customer Initiated Transaction																	
MIT	Merchant Initiated Transaction																	
useCase (optional)	Description																	
absent	Standard unscheduled use case																	
cof	Credential On File / One-Click																	
ucof																		

recurring

	Key	Format	CND	Description
1	recurringFrequency	integer	M	Indicates the number of days between authorisations
2	recurringStartDate	string	O	Determines the date of the first authorization according to the recurring mandate
3	recurringExpiryDate	string	M	Date after which no further authorisations shall be performed

Schema

BASEURL= <https://www.computop-paygate.com/schemas>

```
{
  "$schema": "http://json-schema.org/draft-07/schema#",
  "$id": "https://www.computop-paygate.com/schemas/credentialOnFile.json",
  "title": "credentialOnFile",
  "description": "Credential-on-File Transactions",
  "type": "object",
  "examples": [
    {
      "type": {
        "recurring": {
          "recurringFrequency": 30,
          "recurringStartDate": "2019-09-14",
          "recurringExpiryDate": "2020-09-14"
        }
      },
      "initialPayment": true
    },
    {
      "type": {
        "recurring": {
          "recurringFrequency": 30,
          "recurringStartDate": "2021-09-14",
          "recurringExpiryDate": "9999-12-31",
          "total": 24,
          "curIdx": 5,
          "cumulativeAmount": 12000
        }
      },
      "initialPayment": false
    },
    {
      "type": {
        "unscheduled": "CIT"
      },
      "initialPayment": false
    },
    {
      "type": {
        "unscheduled": "CIT"
      },
      "initialPayment": true,
      "useCase": "cof"
    },
    {
      "type": {
        "installments": {
          "total": 8,
          "curIdx": 2,
          "purchaseAmount": 800000,
          "frequency": 30,
          "expiryDate": "2020-09-30"
        }
      },
      "initialPayment": false
    },
    {
      "type": {
        "installments": {
          "total": 8,
          "curIdx": 2,
          "purchaseAmount": 800000,
          "frequency": 30,
          "expiryDate": "2020-09-30"
        }
      },
      "initialPayment": false,
    }
  ]
}
```

```

    "useCase": "fixed"
  }
],
"properties": {
  "type": {
    "type": "object",
    "properties": {
      "recurring": {
        "type": "object",
        "properties": {
          "total": {
            "type": "integer",
            "minimum": 1,
            "maximum": 99,
            "description": "Total number of recurring payments."
          },
          "curIdx": {
            "type": "integer",
            "minimum": 1,
            "maximum": 99,
            "description": "Current sequence number of recurring
payments of the same subscription agreement."
          },
          "purchaseAmount": {
            "type": "integer",
            "minimum": 1,
            "maximum": 9999999999,
            "description": "Total amount for the subscription agreement
if known, single recurring/subscription payment in API-amount."
          },
          "cumulativeAmount": {
            "type": "integer",
            "minimum": 1,
            "maximum": 9999999999,
            "description": "Cumulative amount paid so far for this
subscription agreement. Credits/refunds do not reduce this amount."
          },
          "recurringFrequency": {
            "type": "integer",
            "minimum": 1,
            "maximum": 9999,
            "description": "Indicates the minimum number of days between
recurring authorizations."
          },
          "recurringStartDate": {
            "type": "string",
            "format": "full-date",
            "description": "YYYY-MM-DD"
          },
          "recurringExpiryDate": {
            "type": "string",
            "format": "full-date",
            "description": "Date of subscription expiry in format YYYY-
MM-DD. Use 9999-12-31 if not specified."
          }
        },
        "required": [
          "recurringExpiryDate",
          "recurringFrequency"
        ],
        "additionalProperties": false
      },
      "installments": {
        "type": "object",
        "properties": {
          "total": {
            "type": "integer",
            "minimum": 1,
            "maximum": 99,
            "description": "Total number of installment payments."
          }
        }
      }
    }
  }
}

```

```

        "curIdx": {
            "type": "integer",
            "minimum": 1,
            "maximum": 99,
            "description": "Current sequence number of installment
payments."
        },
        "purchaseAmount": {
            "type": "integer",
            "minimum": 1,
            "maximum": 9999999999,
            "description": "Total amount for installment payment; single
installment payment in API-amount."
        },
        "cumulativeAmount": {
            "type": "integer",
            "minimum": 1,
            "maximum": 9999999999,
            "description": "Cumulative amount paid by installments so
far. Credits/refunds do not reduce this amount."
        },
        "frequency": {
            "type": "integer",
            "minimum": 1,
            "maximum": 9999,
            "description": "Indicates the minimum number of days between
installments authorizations."
        },
        "expiryDate": {
            "type": "string",
            "format": "full-date",
            "description": "YYYY-MM-DD"
        }
    },
    "required": [
        "total",
        "purchaseAmount"
    ],
    "additionalProperties": false
},
"unscheduled": {
    "type": "string",
    "enum": [
        "CIT",
        "MIT"
    ],
    "description": "CIT: Customer initiated transactions; MIT:
Merchant initiated transactions."
},
"oneOf": [
    {
        "required": [
            "recurring"
        ]
    },
    {
        "required": [
            "installments"
        ]
    },
    {
        "required": [
            "unscheduled"
        ]
    }
],
"additionalProperties": false
},
"initialPayment": {
    "type": "boolean"
}

```

```

    },
    "useCase": {
      "type": "string",
      "enum" : ["cof", "ucof", "fixed", "flexibleAmount",
"flexibleFrequency"],
      "description": "Type of useCase (unscheduled: cof, ucof //
recurring: fixed, flexibleAmount, flexibleFrequency)"
    }
  },
  "required": [
    "type",
    "initialPayment"
  ],
  "additionalProperties": false
}

```

Sample Recurring

```

{
  "type": {
    "recurring": {
      "recurringFrequency": 30,
      "recurringStartDate": "2019-09-14",
      "recurringExpiryDate": "2020-09-14"
    }
  },
  "initialPayment": true
}

```

```

{
  "type": {
    "recurring": {
      "recurringFrequency": 30,
      "recurringStartDate": "2019-09-14",
      "recurringExpiryDate": "2020-09-14"
    }
  },
  "initialPayment": true,
  "useCase": "fixed"
}

```

Sample Unscheduled CIT

```

{
  "type": {
    "unscheduled": "CIT"
  },
  "initialPayment": false
}

```

```

{
  "type": {
    "unscheduled": "CIT"
  },
  "initialPayment": false,
  "useCase": "cof"
}

```