PointOfInteractionCapabilities9

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| --- | --- | --- | --- | --- | --- |
| Lvl | PointOfInteractionCapabilities9 | Mult | Constraint | Rule | Usage |
| 1 | CardReadingCapabilities | [0..\*] | Config |  | CType of reading of the card data.- **TAGC: Tag** : *Tag reading capabilities (RFID, etc.).*- **PHYS: Physical** : *Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.*- **BRCD: BarCode** : *Bar code.*- **MGST: MagneticStripe** : *Magnetic stripe.*- **CICC: ICC** : *ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.*- **DFLE: AccountData** : *Account data on file.*- **CTLS: ProximityReader** : *Contactless proximity reader.*- **ECTL: EMVProximityReader** : *Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).*- **CDFL: CardOnFile** : *Card information are stored on a file.*- **SICC: SynchronousIntegratedCircuitCard** : *Synchronous ICC - (Integrated Circuit Card) with contact.*- **UNKW: Unknown** : *Unknown card reading capability.*- **QRCD: QRCode** : *Quick response code.*- **OPTC: OpticalCode** : *Optical coded reading capabilities (e.g. barcode, QR code, etc.)::CardDataReading8Code*Capabilities available to the payment application . <br/><br/>Type of reading of the card data.<br/>- <b>TAGC: Tag</b> : <i>Tag reading capabilities (RFID, etc.).</i><br/>- <b>PHYS: Physical</b> : <i>Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.</i><br/>- <b>BRCD: BarCode</b> : <i>Bar code.</i><br/>- <b>MGST: MagneticStripe</b> : <i>Magnetic stripe.</i><br/>- <b>CICC: ICC</b> : <i>ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.</i><br/>- <b>DFLE: AccountData</b> : <i>Account data on file.</i><br/>- <b>CTLS: ProximityReader</b> : <i>Contactless proximity reader.</i><br/>- <b>ECTL: EMVProximityReader</b> : <i>Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).</i><br/>- <b>CDFL: CardOnFile</b> : <i>Card information are stored on a file.</i><br/>- <b>SICC: SynchronousIntegratedCircuitCard</b> : <i>Synchronous ICC - (Integrated Circuit Card) with contact.</i><br/>- <b>UNKW: Unknown</b> : <i>Unknown card reading capability.</i><br/>- <b>QRCD: QRCode</b> : <i>Quick response code.</i><br/>- <b>OPTC: OpticalCode</b> : <i>Optical coded reading capabilities (e.g. barcode, QR code, etc.)</i><br/>*<CardRdngCpblties>::CardDataReading8Code* |
| 1 | CardholderVerificationCapabilities | [0..\*] |  |  | <Cardholder verification capabilities by the terminal.- **APKI: AccountDigitalSignature** : *Account based digital signature.*- **CHDT: CardholderData** : *Cardholder authentication data.*- **MNSG: ManualSignature** : *Manual signature verification.*- **MNVR: ManualVerification** : *Other manual verification, for example passport or drivers license.*- **FBIG: OfflineBiographics** : *Offline biographics.*- **FBIO: OfflineBiometrics** : *Offline biometrics.*- **FDSG: OfflineDigitalSignature** : *Offline digital signature analysis.*- **FCPN: OfflinePINClear** : *Offline PIN in clear (Personal Identification Number).*- **FEPN: OfflinePINEncrypted** : *Offline PIN encrypted (Personal Identification Number).*- **NPIN: OnLinePIN** : *Online PIN (Personal Identification Number).*- **PKIS: PKISignature** : *PKI (Public Key Infrastructure) based digital signature.*- **SCEC: SecureElectronicCommerce** : *Three domain secure (three domain secure authentication of the cardholder).*- **NBIO: OnLineBiometrics** : *Online biometrics.*- **NOVF: NoCapabilities** : *No cardholder verification capability.*- **OTHR: Other** : *Other cardholder verification capabilities.::CardholderVerificationCapability4Code*<br/>Cardholder verification capabilities by the terminal.<br/>- <b>APKI: AccountDigitalSignature</b> : <i>Account based digital signature.</i><br/>- <b>CHDT: CardholderData</b> : <i>Cardholder authentication data.</i><br/>- <b>MNSG: ManualSignature</b> : <i>Manual signature verification.</i><br/>- <b>MNVR: ManualVerification</b> : <i>Other manual verification, for example passport or drivers license.</i><br/>- <b>FBIG: OfflineBiographics</b> : <i>Offline biographics.</i><br/>- <b>FBIO: OfflineBiometrics</b> : <i>Offline biometrics.</i><br/>- <b>FDSG: OfflineDigitalSignature</b> : <i>Offline digital signature analysis.</i><br/>- <b>FCPN: OfflinePINClear</b> : <i>Offline PIN in clear (Personal Identification Number).</i><br/>- <b>FEPN: OfflinePINEncrypted</b> : <i>Offline PIN encrypted (Personal Identification Number).</i><br/>- <b>NPIN: OnLinePIN</b> : <i>Online PIN (Personal Identification Number).</i><br/>- <b>PKIS: PKISignature</b> : <i>PKI (Public Key Infrastructure) based digital signature.</i><br/>- <b>SCEC: SecureElectronicCommerce</b> : <i>Three domain secure (three domain secure authentication of the cardholder).</i><br/>- <b>NBIO: OnLineBiometrics</b> : <i>Online biometrics.</i><br/>- <b>NOVF: NoCapabilities</b> : <i>No cardholder verification capability.</i><br/>- <b>OTHR: Other</b> : <i>Other cardholder verification capabilities.</i><br/>*<CrdhldrVrfctnCpblties>::CardholderVerificationCapability4Code* |
| 1 | PINLengthCapabilities | [0..1] |  |  | <*::PositiveNumber<PINLngthCpblties>::PositiveNumber* |
| 1 | ApprovalCodeLength | [0..1] |  |  | <*::PositiveNumber<ApprvlCdLngth>::PositiveNumber* |
| 1 | MaxScriptLength | [0..1] |  |  | <*::PositiveNumber<MxScrptLngth>::PositiveNumber* |
| 1 | CardCaptureCapable | [0..1] |  |  | d*::TrueFalseIndicator*default False <br/>*<CardCaptrCpbl>::TrueFalseIndicator* |
| 1 | OnLineCapabilities | [0..1] | Config |  | IOn-line and off-line capabilities of the POI (Point Of Interaction).- **OFLN: OffLine** : *Off-line only capable.*- **ONLN: OnLine** : *On-line only capable.*- **SMON: SemiOffLine** : *Off-line capable with possible on-line requests to the acquirer.::OnLineCapability1Code*Indicates whether the POI authorises transactions exclusively offline (OffLine ), exclusively online ( OnLine )or only authorises online if required by the payment application ( Semi OffLine). <br/><br/>On-line and off-line capabilities of the POI (Point Of Interaction).<br/>- <b>OFLN: OffLine</b> : <i>Off-line only capable.</i><br/>- <b>ONLN: OnLine</b> : <i>On-line only capable.</i><br/>- <b>SMON: SemiOffLine</b> : <i>Off-line capable with possible on-line requests to the acquirer.</i><br/>*<OnLineCpblties>::OnLineCapability1Code* |
| 1 | MessageCapabilities | [0..\*] |  |  | <*::DisplayCapabilities4<MsgCpblties>::DisplayCapabilities4* |
| 2 | Destination | [1..\*] |  |  | <Destination of the message.- **CDSP: CardholderDisplay** : *Cardholder display or interface.*- **CRCP: CardholderReceipt** : *Cardholder receipt.*- **MDSP: MerchantDisplay** : *Merchant display or interface.*- **MRCP: MerchantReceipt** : *Merchant receipt.*- **CRDO: OtherCardholderInterface** : *Other interface of the cardholder, for instance e-mail or smartphone message.::UserInterface4Code*<br/>Destination of the message.<br/>- <b>CDSP: CardholderDisplay</b> : <i>Cardholder display or interface.</i><br/>- <b>CRCP: CardholderReceipt</b> : <i>Cardholder receipt.</i><br/>- <b>MDSP: MerchantDisplay</b> : <i>Merchant display or interface.</i><br/>- <b>MRCP: MerchantReceipt</b> : <i>Merchant receipt.</i><br/>- <b>CRDO: OtherCardholderInterface</b> : <i>Other interface of the cardholder, for instance e-mail or smartphone message.</i><br/>*<Dstn>::UserInterface4Code* |
| 2 | AvailableFormat | [0..\*] |  |  | <Message format.- **MREF: MessageReference** : *Predefined configured messages, identified by a reference.*- **TEXT: SimpleText** : *Text without format attributes.*- **HTML: XHTML** : *XHTML document which includes a subset of the XHTML output tag.::OutputFormat1Code*<br/>Message format.<br/>- <b>MREF: MessageReference</b> : <i>Predefined configured messages, identified by a reference.</i><br/>- <b>TEXT: SimpleText</b> : <i>Text without format attributes.</i><br/>- <b>HTML: XHTML</b> : <i>XHTML document which includes a subset of the XHTML output tag.</i><br/>*<AvlblFrmt>::OutputFormat1Code* |
| 2 | NumberOfLines | [0..1] |  |  | <*::Number<NbOfLines>::Number* |
| 2 | LineWidth | [0..1] |  |  | <*::Number<LineWidth>::Number* |
| 2 | AvailableLanguage | [0..\*] |  |  | <*::LanguageCode<AvlblLang>::LanguageCode* |