

CCV Terminal Network Host access

Used Host addresses & Port numbers



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1 Introduction

It is recommended to setup the network environment using the Host addresses & port numbers as described in this document. For more detailed Host & port descriptions & rules see paragraph 2.

1.1 Status

This document can be used as a guide to set up your network and deploy the appropriate host addresses and port numbers open, needed to access all hosts that are required for the terminals or services. If the Host Addresses aren't set up correctly as reported in this document, could have the effect that the terminal or service can not operate correctly.

2 CCV Host Addresses & Portnumbers

2.1 CCV Current & Future host and port policies

The following IP addresses and port numbers should always and for all terminals be accessible. We recommend to allow all traffic complying to the following policies. This allows all current and future deployed services and platforms.

CCV IP block 193.173.53.64/26 (Internet , DNS Required!)		
IP Address	Port Range	Description
193.173.53.65 - 193.173.53.126 gmbe.ccv.nl	15000 - 15899 10000 - 10899 10001 - 10003	Terminal Management System CCV (TMS NL & BE) & CCVPay
oltp.ccvpay.nl	10000 - 10899	CCVPay
flexo.ccvpay.eu	10000 - 10899	CCV Flexo

CCV IP block 185.114.184.0/22 (Internet TLS, DNS Required!)		
IP Address	Port Range	Description
185.114.184.1 - 185.114.187.254	all ports	Terminal Management System CCV (TMS), CCVPay, CCVPay CTAP Petrol MyCCV, CCV360, MLA , JSwitch, CCV Connect.
https://d- api.myccv.eu	15500-15502	Terminal Management System CCV (TMS) & CCVPay, MyCCV, CCV360, MLA, JSwitch, CCV Connect.
vxterminal.mycc v.eu	443	Terminal Management System CCV (TMS) & CCVPay, MyCCV, CCV360, MLA, JSwitch, CCV Connect

If, however, more granular policies are required the following policies can be adapted to allow distinct functionality.

3 CCV Terminal Management Systems(TMS)

3.1 TMS Netherlands

CCV TMS Netherlands (Internet)			
IP Address	Port Range	Platform	Description
193.173.53.101 185.114.186.65	15000 - 15899	VxEvo, Engage, CCVMotion, PayGear Android	Terminal Management System CCV Netherlands(TMS) for terminals supplied by CCV Netherlands

3.2 TMS Belgium

3.2.1 CCV PAX Store Android terminals

CCV PAX Store (Internet TLS/ DNS required)			
Host Address	Port Range	Platform	Description
api.store.ccv.eu	443	Engage, Paygear Android	CCVStore client retrieve data from backend, and update date to backend
www.store.ccv.eu	443	Engage, Paygear Android	App, firmware, parameter download service
mpush.store.ccv.eu	443	Engage, Paygear Android	Channel to do heartbeat and send notification
mpush1.store.ccv.eu	3000	Engage, Paygear Android	Channel to do heartbeat and send notification
mpush2.store.ccv.eu	3000	Engage, Paygear Android	Channel to do heartbeat and send notification
analytics.map.qq.com	443	Engage, Paygear Android	Map Service to get geo-location data
cc.map.qq.com	443	Engage, Paygear Android	Map Service to get geo-location data
up-hl.3g.qq.com	443	Engage, Paygear Android	Map Service to get geo-location data
xtrapath1.izatcloud.net	80	Engage, Paygear Android	Used by GPS module
paxras.whatspos.com	443	Engage, Paygear Android	Crash Report
ccv.whatspos.com	443	Engage, Paygear Android	App, firmware, parameter download service
mpush2.whatspos.com	3000	Engage, Paygear Android	Channel to do heartbeat and send notification

3.2.2 CCV Salespoint iOS & Android

CCV Salespoint (Internet TLS/ DNS required)			
Host Address	Port Range	Platform	Description
vcr.myccv.eu	443	PAX/Android/iOS	SalesPoint backend
*.myccv.eu	443	PAX/Android/iOS	Webviews shown in app
IPv4 17.249.0.0/16 17.252.0.0/16 17.57.144.0/22 17.188.128.0/18 17.188.20.0/23 IPv6 2620:149:a44::/48 2403:300:a42::/48 2403:300:a51::/48 2a01:b740:a42::/48	443 2197	iOS	Apple push notifications https://support.apple.com/en-us/HT203609
api.mobile.azure.com *.appcenter.ms	443	PAX/Android/iOS	App Center crash reporting and analytics https://intercom.help/appcenter/en/article

			s/1881230-urls-and-ip-addresses-to-allowlist-for-app-center
app-measurement.com firebase logging- pa.googleapis.com	443	PAX/Android/iOS	Firestore crash reporting and analytics

4 CCV MyCCV Services

CCV MLA (Internet TLS DNS required!)			
IP /Host Address	Port Range	Platform	Description
https://d-api.myccv.eu 185.114.184.65 (new) 185.114.185.65 (new)	15500-15599 15500-15599 15500-15599	All platforms	<ul style="list-style-type: none"> – MLA Logserver to retrieve (debug)logfiles from terminals for problem analyse purposes. – Heartbeat service to monitor actual status – Transaction Repository to upload trx records to MyCCV Environment for actual turnover reports & insights – HTTPS software download service
vxterminal.myccv.eu 185.114.184.30	443	VxEvo, Engage, PayGear android	MLA Logserver to retrieve (debug)logfiles from attended terminals for problem analyse purposes.
193.173.53.101(fallback)	15500-15599	All platforms	MyCCV Services: <ul style="list-style-type: none"> – MLA Logserver to retrieve (debug)logfiles from terminals for problem analyse purposes. – Heartbeat service to monitor actual status – Transaction Repository to upload trx records to MyCCV Environment for actual turnover reports & insights – HTTPS software download service.

5 CCVPay CTAP Acquiring Processing (99900002 & 52800002)

CCVPay (Internet TLS, DNS Required!)		
Host Name	Port Range	Description
oltp.ccvpay.nl	10000 - 10899	CCVPay NL/EU Production Host TLS(C-Tap, IFSF, CCVPay, Payconiq)
flexo.ccvpay.eu	10205	CCVPay Flexo production host TLS

5.1.1 CCV MPAS internet host(QR Payments)

CCV MPAS (Internet TLS/SSL & DNS required)		
Host Name	Port Range	Description
mpas.jforce.be	2222 2222	CCV QR Payments host internet. Supported Schemes: - PayConiq, - AliPay,

5.1.2 CCV Mini Mpos Gateway

CCV Mini Mpos (Internet SSL3, DNS required!)		
Host Name	Port Range	Description
mpos-gateway.prod.ccv.eu	12012	CCV Mini Mpos Host (Transaction Host).

6 CCVPay Petrol CTAP Acquiring Processing(99900006)

CCVPay (Internet/TLS)		
IP Address	Port Range	Description
185.114.186.64	10000 - 10899	CCVPay EU Production Host (CTAP Petrol)

7 CCV Cloud Connection(Cloud Accessible Terminal Server(CAT))

CCV Cloud Connect 1.0 Local kick (Internet TLS/SSL & DNS required)		
Host Name	Port Range	Description
tas.jforce.be	5555	TAS server for Cloud Accessible Terminal(OPI)

CCV Cloud Connect 2.0 Cloud kick (Internet TLS/SSL & DNS required)		
Host Name	Port Range	Description
a15qvcxk7p3bae-ats.iot.eu-central-1.amazonaws.com	443	AWS TAS server for Cloud Accessible Terminal(OPI)

8 CCVPay Stand-in Acquiring Processing

CCVPay Stand-in (Internet TLS DNS required!)		
IP Address	Port Range	Description
193.173.53.106	443 / https	Stand-in for hospitallity & Parking
193.173.53.107	443 / https	Stand-in for hospitallity & Parking
https://hwsp.ccvpay.nl	443 / https	Stand-in for hospitallity & Parking

9 EquensWorldline (67300110) Host Addresses & Portnumbers

Equens (POIP/VPN Certified Network Only for NL)		
IP Address	Port Range	Description
82.195.48.7	50495	Equens Production Host (Ctap Transaction Host, acquirerupdate).
82.195.48.7	50496	Equens Production Host (scheme load).

Equens (Internet)		
IP Address	Port Range	Description
82.195.52.2	50495	Equens Production Host TLS Ctap 10 only (Ctap Transaction Host, acquirerupdate).
82.195.52.2	50496	Equens Production Host TLS Ctap 10 Terminals only(scheme load)

10 Worldline Host (99900001) Addresses & Portnumbers

11.1.1 Worldline EU BE+NL Acquiring Processing

Worldline EU (POIP/VPN Certified Network Only for NL)		
IP Address	Port Range	Description
193.58.87.100	55515	Worldline EU host (acquirer update & Ctap Transaction Host for C-Tap 10 terminals).
193.58.87.100	55502	Worldline EU host (Scheme update for C-Tap 10 terminals).

Worldline EU NL + BE (Internet TLS, DNS required!)		
Host Name	Port Range	Description
Ctapccawl.payment.banksys.be	20013	Worldline EU Host (acquirer update & Ctap Transaction Host for C-Tap 10 terminals).
193.58.87.100	20023	Worldline EU host (Scheme load for C-Tap 10 terminals).

11.1.2 Worldline Belgium Acquiring Processing

Worldline EU BE (Private Banknet)		
Host Name	Port Range	Description
Ctapccawl.dc200.belgap.banksys.be	55506	Worldline EU Host (acquirer update & Ctap Transaction Host for C-Tap 10 terminals).

11 EMS FD (99900005) Host Addresses & Portnumbers

EMS First Data (Internet SSL3/TLS, DNS required!)		
Host Name	Port Range	Description
ctapesh.firstdataclients.eu	12697	EMS First Data (scheme load, acquirer update & Ctap Transaction Host)

12 MultisafePay (99900008) Host addresses & Portnumbers

MultisafePay (Internet TLS, DNS required!)		
Host Name	Port Range	Description
ctap.multisafepay.com	10000	MultisafePay host (acquirer update & Ctap Transaction).
ctap.multisafepay.com	10001	MultisafePay host (Scheme load)

13 Viva Wallet (99900013) Host addresses & Portnumbers

Viva Wallet (Internet TLS, DNS required!)		
Host Name	Port Range	Description
ctap.vivapayments.com	6510	Viva Wallet Host (Scheme load, acquirer update & Ctap Transaction).

14 Natixis (99900020) Host addresses & Portnumbers

Natixis (Internet TLS, DNS required!)		
Host Name	Port Range	Description
oltp.ccvpay.nl	10000	Natixis Scheme Host, acquirer update & Ctap Transaction.

15 BS Payone (99900021) Host addresses & Portnumbers

BS Payone (Internet TLS, DNS required!)		
Host Name	Port Range	Description
oltp.ccvpay.nl	10000	BS Payone Scheme Host, acquirer update & Ctap Transaction.

16 SIX (05604200) Host addresses & Portnumbers

SIX (Internet TLS, DNS required!)		
Host Name	Port Range	Description
oltp.ccvpay.nl	10000	SIX Scheme Host, acquirer update & Ctap Transaction.

17 EMS (01000001) Host addresses & Portnumbers

EMS (Internet TLS, DNS required!)		
Host Name	Port Range	Description
oltp.ccvpay.nl	10000	EMS Scheme Host, acquirer update & Ctap Transaction.

18 Elavon via CCVPay (00006000) Host addresses & Portnumbers

Elavon (POIP/VPN Certified Network Only for NL)		
IP Address	Port Range	Description
diners.dc200.belgap.banksys.be	10002	BNPP Scheme Host, acquirer update & Ctap Transaction.

Elavon (Internet TLS, DNS required!)		
Host Name	Port Range	Description
oltp.ccvpay.nl	10000	Elavon Scheme Host, acquirer update & Ctap Transaction.

19 BNPP (00004100) Host addresses & Portnumbers

BNPP (POIP/VPN Certified Network Only for NL)		
IP Address	Port Range	Description
194.104.96.43	10000-10002	BNPP host (Scheme load, acquirer update & Ctap Transaction).

BNPP (Internet TLS, DNS required!)		
Host Name	Port Range	Description
oltp.ccvpay.nl	10000-10002	BNPP Host (scheme load, acquirer update & Ctap Transaction).

20 WL AMEX (67300120) Host addresses & Portnumbers

WL Amex (POIP/VPN Certified Network Only for NL)		
IP Address	Port Range	Description
82.195.48.7	50495	Equens Production Host (Ctap Transaction Host, acquirerupdate).
82.195.48.7	50496	Equens Production Host (scheme load).

WL Amex (Internet)		
IP Address	Port Range	Description
82.195.52.2	50495	Equens Production Host TLS Ctap 10 only (Ctap Transaction Host, acquirerupdate).
82.195.52.2	50496	Equens Production Host TLS Ctap 10 Terminals only(scheme load)