

プロキシ・ファイアウォール 通信許可対象サーバリスト

対象サービス

「V-CUBE ミーティング 5」

「V-CUBE Box」



見えるコミュニケーション

V-CUBE

株式会社ブイキューブ

2022/02/21

目次

1. はじめに.....	- 1 -
1.1 概要	- 1 -
1.2 追加方式について	- 1 -
1.3 利用プロトコル・ポートについて.....	- 1 -
2. ワイルドカードを含むドメインで指定する	- 2 -
3. IPアドレス（レンジ表記）で指定する.....	- 3 -
4. FQDNで指定する.....	- 17 -
5. テレビ会議連携をご利用の場合.....	- 33 -
6. 更新履歴.....	- 34 -

1. はじめに

1.1 概要

この文書はプロキシサーバやファイアウォールなどによってインターネット通信が制限された環境下でも「V-CUBE ミーティング 5」、また「V-CUBE Box」をご利用いただくために、通信許可対象とすべきサーバの情報を記載しています。

通信許可対象となるサーバの情報は、今後不定期での変更や追加などが行われますが、事前に本資料にて告知いたします。ただし緊急時は告知なく変更を加える可能性がございますので予めご了承ください。

1.2 追加方式について

プロキシサーバやファイアウォールへの追加方式は以下三種類あり、いずれかの方式で設定してください。
(推奨順)

- ワイルドカードを含むドメインでの指定 →2 章へ
- IP アドレス (レンジ) での指定 →3 章へ
- FQDN での指定 →4 章へ

ホワイトリストへの追加は、サーバ変更等による影響を受けない、**ワイルドカードを含むドメインでの指定を推奨**しています。

IP アドレス (レンジ) による指定も可能ですが、一部機能で IP アドレスが動的に変わるシステムを利用しているためドメインで指定頂く部分がございます。

お客様環境にて上記いずれの指定もできない機器をご利用の場合のみ、FQDN で指定してください。この場合、サーバ変更等のたびにお客様側での設定変更作業が必要になります。

1.3 利用プロトコル・ポートについて

各サーバの TCP443 ポートに対する接続をフィルタリング対象外となるように設定してください。

「V-CUBE ミーティング 5」、また「V-CUBE Box」には映像音声のやり取りに UDP を利用する UDP モードと TCP を利用する TCP モードがあります。プロキシサーバやファイアウォールのある環境では、開放ポートが最小限である TCP モードをご利用ください。

TCP モードについては、ユーザーマニュアル「プロキシやファイアウォール下での接続のご案内」章にある「TCP 接続への設定変更」の内容にしたがって、各クライアントにて「TCP で利用する」にチェックを入れてください。

注意1. テレビ会議システムをご利用になる場合、利用するポートが異なります。5 章をご確認ください。

注意2. 「V-CUBE ミーティング 5」、また「V-CUBE Box」は COMODO 社のサーバ証明書を利用しており、環境によっては証明書の有効性確認のため認証局との通信が発生する場合があります。設定が必要なドメイン・ポートは各章の「サービス利用に必須の設定」部分をご確認ください。

2. ワイルドカードを含むドメインで指定する

以下を設定してください。

条件	設定内容
サービス利用に必須の設定	ocsp.comodoca.com:80 crt.comodoca.com:80 crt.comodoca.com:80 secure.comodo.com:443 crt.comodoca.com.cdn.cloudflare.net:80 crt.sectigo.com:80 sectigo.com:443 crt.sectigo.com:80 ocsp.sectigo.com:80 crt.usertrust.com:80 ocsp.usertrust.com:80 *.vcube.com
V-CUBE Box をご利用の場合に必要な設定	*.gate.vcube.com drxxkkg3ubllh.cloudfront.net ※機能が制限されますが、個別対応で上記の設定が不要な動作モードがあります。ご希望の場合は弊社担当にご相談ください。 time.windows.com:123 (UDP)
中国国内から V-CUBE ミーティング 5 アプリをダウンロードする場合に必要な設定	*.vcubeone.net
音声認識・翻訳機能（ベータ版）をご利用の場合に必要な設定	api.cognitive.microsofttranslator.com japaneast.s2s.speech.microsoft.com *.microsoft.com
テレビ会議連携をご利用の場合に必要な設定	5章をご確認ください

3. IP アドレス（レンジ表記）で指定する

以下を設定してください。

一部機能では IP アドレスが動的に変わるシステムを利用しているため、IP アドレス（レンジ）での指定ができない場合がございます。その場合はドメインでの指定をお願いいたします。

条件	設定内容
サービス利用に必須の設定	oosp.comodoca.com:80 crl.comodoca.com:80 crt.comodoca.com:80 secure.comodo.com:443 crl.comodoca.com.cdn.cloudflare.net:80 crt.sectigo.com:80 sectigo.com:443 crl.sectigo.com:80 oosp.sectigo.com:80 crl.usertrust.com:80 oosp.usertrust.com:80 *.vcube.com (表下の注意 1 参照) 161.202.99.64/255.255.255.240 61.213.11.242/255.255.255.255 219.127.163.96/255.255.255.224 61.213.13.0/255.255.255.192 161.202.126.112/255.255.255.240 161.202.76.128/255.255.255.224 161.202.82.48/255.255.255.240 13.113.0.6/255.255.255.255 13.230.71.232/255.255.255.255 18.179.249.113/255.255.255.255 18.179.93.75/255.255.255.255 18.182.110.98/255.255.255.255 18.182.214.42/255.255.255.255 18.182.215.116/255.255.255.255 18.182.86.20/255.255.255.255 18.182.91.76/255.255.255.255 18.182.99.172/255.255.255.255 52.194.150.23/255.255.255.255 52.194.22.118/255.255.255.255 52.194.23.246/255.255.255.255 52.199.213.97/255.255.255.255 54.238.222.241/255.255.255.255 54.95.192.253/255.255.255.255

23.100.109.27/255.255.255.255
23.100.107.14/255.255.255.255
23.100.105.183/255.255.255.255
52.196.73.92/255.255.255.255
52.199.147.67/255.255.255.255
169.56.22.96/255.255.255.224
169.56.47.128/255.255.255.192
13.112.239.88/255.255.255.255
13.113.103.84/255.255.255.255
13.114.107.179/255.255.255.255
13.114.251.118/255.255.255.255
13.114.89.44/255.255.255.255
176.34.33.194/255.255.255.255
18.176.137.1/255.255.255.255
18.176.171.113/255.255.255.255
18.177.164.71/255.255.255.255
18.177.183.63/255.255.255.255
18.177.81.41/255.255.255.255
18.178.138.185/255.255.255.255
18.178.247.32/255.255.255.255
18.180.182.229/255.255.255.255
18.180.208.232/255.255.255.255
18.180.250.243/255.255.255.255
18.180.251.83/255.255.255.255
18.181.158.75/255.255.255.255
18.181.40.66/255.255.255.255
18.181.42.41/255.255.255.255
18.181.53.164/255.255.255.255
18.181.67.44/255.255.255.255
18.182.173.2/255.255.255.255
20.48.72.16/255.255.255.240
20.48.72.32/255.255.255.240
20.48.72.48/255.255.255.240
3.113.106.153/255.255.255.255
3.114.104.199/255.255.255.255
3.114.87.133/255.255.255.255
3.114.97.97/255.255.255.255
3.115.129.153/255.255.255.255
3.115.224.160/255.255.255.255
3.115.235.238/255.255.255.255
52.193.151.228/255.255.255.255
52.193.223.172/255.255.255.255
52.193.70.226/255.255.255.255
52.194.118.49/255.255.255.255
52.197.100.174/255.255.255.255
52.197.123.30/255.255.255.255

52.198.56.64/255.255.255.255
52.199.79.217/255.255.255.255
54.150.158.122/255.255.255.255
54.150.203.56/255.255.255.255
54.150.33.191/255.255.255.255
54.168.153.1/255.255.255.255
54.168.247.248/255.255.255.255
54.178.20.52/255.255.255.255
54.199.114.80/255.255.255.255
54.199.120.111/255.255.255.255
54.199.209.2/255.255.255.255
54.199.34.73/255.255.255.255
54.199.43.66/255.255.255.255
54.238.120.144/255.255.255.255
54.238.168.168/255.255.255.255
54.238.47.63/255.255.255.255
54.248.167.51/255.255.255.255
54.248.181.116/255.255.255.255
54.248.196.72/255.255.255.255
54.248.222.32/255.255.255.255
54.248.228.99/255.255.255.255
54.249.164.42/255.255.255.255
54.249.223.236/255.255.255.255
54.250.100.230/255.255.255.255
54.250.118.189/255.255.255.255
54.64.93.99/255.255.255.255
54.65.110.2/255.255.255.255
54.65.199.165/255.255.255.255
54.95.208.117/255.255.255.255
54.95.212.7/255.255.255.255
54.95.217.171/255.255.255.255
54.95.248.119/255.255.255.255
54.95.46.246/255.255.255.255
54.95.8.45/255.255.255.255
13.124.226.234/255.255.255.255
15.164.15.85/255.255.255.255
3.34.163.105/255.255.255.255
3.35.29.153/255.255.255.255
52.78.169.80/255.255.255.255
15.164.116.153/255.255.255.255
15.165.177.251/255.255.255.255
3.34.152.253/255.255.255.255
3.34.203.6/255.255.255.255
3.34.210.65/255.255.255.255
3.34.61.65/255.255.255.255
3.35.237.198/255.255.255.255

52.78.8.240/255.255.255.255
3.35.81.214/255.255.255.255
52.79.151.231/255.255.255.255
52.79.70.192/255.255.255.255
75.2.31.238/255.255.255.255
99.83.209.77/255.255.255.255
13.248.187.215/255.255.255.255
76.223.40.110/255.255.255.255
13.248.179.233/255.255.255.255
76.223.60.112/255.255.255.255
13.248.175.248/255.255.255.255
76.223.49.114/255.255.255.255
13.248.209.220/255.255.255.255
76.223.81.116/255.255.255.255
75.2.24.194/255.255.255.255
99.83.193.111/255.255.255.255
75.2.37.236/255.255.255.255
99.83.229.75/255.255.255.255
75.2.22.230/255.255.255.255
99.83.199.87/255.255.255.255
13.248.174.252/255.255.255.255
76.223.41.100/255.255.255.255
13.248.197.206/255.255.255.255
76.223.89.123/255.255.255.255
176.34.38.158/255.255.255.255
18.180.101.63/255.255.255.255
176.34.52.206/255.255.255.255
13.114.220.131/255.255.255.255
54.168.250.97/255.255.255.255
54.178.96.235/255.255.255.255
54.150.151.205/255.255.255.255
18.181.61.36/255.255.255.255
54.95.147.9/255.255.255.255

<p>V-CUBE One グローバルプランをご契約の場合に必要な設定</p>	<p>119.81.85.40/255.255.255.248 119.81.133.140/255.255.255.252 169.53.140.240/255.255.255.240 159.253.141.232/255.255.255.248 168.1.5.128/255.255.255.240 169.57.130.96/255.255.255.240 169.38.66.80/255.255.255.240 147.50.134.106/255.255.255.255 119.81.176.56/255/255.255.248 124.250.97.174/255.255.255.255</p>
<p>V-CUBE Box をご利用の場合に必要な設定</p>	<p>*.gate.vcube.com drxxkkg3ubllh.cloudfront.net ※機能が制限されますが、個別対応で上記の設定が不要な動作モードがあります。ご希望の場合は弊社担当にご相談ください。 time.windows.com:123 (UDP)</p>
<p>中国国内から V-CUBE ミーティング 5 アプリをダウンロードする場合に必要な設定</p>	<p>124.250.97.164/255.255.255.255</p>
<p>音声認識・翻訳機能（ベータ版）をご利用の場合に必要な設定</p>	<p>api.cognitive.microsofttranslator.com japaneast.s2s.speech.microsoft.com *.microsoft.com</p>
<p>ブラウザ版をご利用の場合に必要な設定</p>	<p>61.213.13.2/255.255.255.255 61.213.13.3/255.255.255.255 61.213.13.4/255.255.255.255 61.213.13.12/255.255.255.255 61.213.13.16/255.255.255.255 61.213.13.19/255.255.255.255 61.213.13.20/255.255.255.255 61.213.13.21/255.255.255.255 61.213.13.22/255.255.255.255 61.213.13.23/255.255.255.255 61.213.13.24/255.255.255.255 61.213.13.25/255.255.255.255 61.213.13.26/255.255.255.255 61.213.13.27/255.255.255.255 61.213.13.30/255.255.255.255 18.182.236.76/255.255.255.255 18.182.67.37/255.255.255.255 18.182.76.250/255.255.255.255</p>

18.182.84.211/255.255.255.255
18.182.86.241/255.255.255.255
18.182.87.232/255.255.255.255
18.182.97.28/255.255.255.255
52.194.10.3/255.255.255.255
52.194.110.126/255.255.255.255
52.194.133.131/255.255.255.255
52.194.138.186/255.255.255.255
52.194.140.46/255.255.255.255
52.194.148.128/255.255.255.255
52.194.15.20/255.255.255.255
52.194.16.175/255.255.255.255
52.194.169.67/255.255.255.255
52.194.19.49/255.255.255.255
52.194.48.173/255.255.255.255
52.194.65.140/255.255.255.255
52.194.7.84/255.255.255.255
52.197.116.55/255.255.255.255
52.197.23.40/255.255.255.255
52.68.74.35/255.255.255.255
54.249.217.247/255.255.255.255
54.64.240.255/255.255.255.255
54.64.220.180/255.255.255.255
13.230.84.181/255.255.255.255
52.69.212.176/255.255.255.255
54.250.134.253/255.255.255.255
54.64.241.15/255.255.255.255
13.230.147.248/255.255.255.255
18.182.127.56/255.255.255.255
52.196.117.15/255.255.255.255
52.69.155.94/255.255.255.255
54.65.68.56/255.255.255.255
54.64.89.192/255.255.255.255
52.69.132.188/255.255.255.255
13.115.167.50/255.255.255.255
13.115.206.7/255.255.255.255
54.199.253.18/255.255.255.255
52.199.246.14/255.255.255.255
13.114.80.30/255.255.255.255
13.114.106.137/255.255.255.255
52.192.25.121/255.255.255.255
13.112.199.233/255.255.255.255
18.182.230.216/255.255.255.255
54.92.32.100/255.255.255.255
13.113.80.120/255.255.255.255
52.193.27.134/255.255.255.255

13.114.237.151/255.255.255.255
54.95.182.146/255.255.255.255
13.114.131.215/255.255.255.255
54.178.183.210/255.255.255.255
52.198.217.128/255.255.255.255
13.115.144.133/255.255.255.255
54.64.197.159/255.255.255.255
52.192.13.172/255.255.255.255
52.193.48.181/255.255.255.255
54.92.43.147/255.255.255.255
18.182.180.137/255.255.255.255
13.112.198.115/255.255.255.255
175.41.236.215/255.255.255.255
18.179.146.27/255.255.255.255
13.112.100.192/255.255.255.255
18.179.254.70/255.255.255.255
52.198.60.209/255.255.255.255
54.178.177.147/255.255.255.255
54.238.183.27/255.255.255.255
54.64.251.53/255.255.255.255
18.179.128.228/255.255.255.255
52.196.63.239/255.255.255.255
13.114.217.3/255.255.255.255
52.69.114.12/255.255.255.255
54.65.225.31/255.255.255.255
18.182.133.253/255.255.255.255
52.193.108.186/255.255.255.255
54.65.84.154/255.255.255.255
52.199.169.23/255.255.255.255
54.178.247.240/255.255.255.255
13.115.193.20/255.255.255.255
52.194.104.228/255.255.255.255
18.182.238.137/255.255.255.255
13.230.246.172/255.255.255.255
52.68.36.109/255.255.255.255
13.113.166.80/255.255.255.255
18.180.36.148/255.255.255.255
54.64.80.174/255.255.255.255
18.178.127.149/255.255.255.255
18.176.144.217/255.255.255.255
13.231.77.42/255.255.255.255
54.199.253.169/255.255.255.255
18.182.239.132/255.255.255.255
18.180.188.18/255.255.255.255
176.34.10.22/255.255.255.255
18.176.175.130/255.255.255.255

18.178.99.137/255.255.255.255
18.180.41.77/255.255.255.255
18.178.173.163/255.255.255.255
18.178.191.213/255.255.255.255
18.180.162.172/255.255.255.255
13.112.214.176/255.255.255.255
54.249.94.151/255.255.255.255
18.178.210.18/255.255.255.255
18.180.105.10/255.255.255.255
18.180.207.88/255.255.255.255
18.180.207.247/255.255.255.255
18.180.134.57/255.255.255.255
3.114.195.207/255.255.255.255
18.180.207.152/255.255.255.255
18.180.141.153/255.255.255.255
3.114.221.122/255.255.255.255
3.113.185.149/255.255.255.255
18.180.113.105/255.255.255.255
13.230.172.90/255.255.255.255
18.178.251.178/255.255.255.255
18.180.80.59/255.255.255.255
52.68.144.219/255.255.255.255
18.180.120.56/255.255.255.255
52.193.47.250/255.255.255.255
18.178.110.28/255.255.255.255
18.176.71.222/255.255.255.255
18.177.187.32/255.255.255.255
18.180.50.189/255.255.255.255
13.230.7.79/255.255.255.255
18.182.215.94/255.255.255.255
18.178.173.243/255.255.255.255
13.112.22.254/255.255.255.255
18.180.26.83/255.255.255.255
54.199.139.230/255.255.255.255
54.65.164.83/255.255.255.255
3.115.159.65/255.255.255.255
18.180.94.16/255.255.255.255
54.64.248.138/255.255.255.255
13.115.88.26/255.255.255.255
54.95.66.234/255.255.255.255
54.64.219.206/255.255.255.255
54.64.14.170/255.255.255.255
18.177.5.176/255.255.255.255
18.180.189.171/255.255.255.255
54.199.246.162/255.255.255.255
18.178.129.63/255.255.255.255

3.113.128.251/255.255.255.255
18.182.153.159/255.255.255.255
3.114.96.211/255.255.255.255
52.198.180.189/255.255.255.255
13.115.167.162/255.255.255.255
54.199.239.60/255.255.255.255
52.199.51.114/255.255.255.255
13.114.110.40/255.255.255.255
18.180.27.82/255.255.255.255
18.177.182.60/255.255.255.255
52.199.10.49/255.255.255.255
52.193.5.108/255.255.255.255
54.199.238.28/255.255.255.255
18.178.155.253/255.255.255.255
18.180.7.225/255.255.255.255
18.178.124.79/255.255.255.255
18.178.131.237/255.255.255.255
54.238.197.50/255.255.255.255
13.115.184.109/255.255.255.255
18.178.24.221/255.255.255.255
18.180.206.173/255.255.255.255
18.177.20.135/255.255.255.255
18.177.52.234/255.255.255.255
18.177.225.170/255.255.255.255
18.178.92.53/255.255.255.255
52.197.236.75/255.255.255.255
18.180.136.238/255.255.255.255
52.193.243.155/255.255.255.255
18.178.218.12/255.255.255.255
54.64.51.29/255.255.255.255
18.180.76.40/255.255.255.255
3.114.205.156/255.255.255.255
18.180.138.78/255.255.255.255
18.176.201.228/255.255.255.255
3.114.239.220/255.255.255.255
18.180.46.37/255.255.255.255
18.180.5.146/255.255.255.255
18.182.145.232/255.255.255.255
18.180.64.2/255.255.255.255
54.64.255.75/255.255.255.255
18.176.145.102/255.255.255.255
52.196.82.79/255.255.255.255
3.114.31.246/255.255.255.255
52.194.119.6/255.255.255.255
61.213.11.249/255.255.255.255
61.213.11.248/255.255.255.255

61.213.11.247/255.255.255.255
219.127.163.105/255.255.255.255
219.127.163.104/255.255.255.255
61.213.11.246/255.255.255.255
61.213.11.254/255.255.255.255
61.213.11.253/255.255.255.255
61.213.11.252/255.255.255.255
61.213.11.251/255.255.255.255
219.127.163.123/255.255.255.255
219.127.163.122/255.255.255.255
219.127.163.120/255.255.255.255
219.127.163.119/255.255.255.255
219.127.163.116/255.255.255.255
13.112.188.48/255.255.255.255
13.112.253.16/255.255.255.255
13.114.235.66/255.255.255.255
13.115.50.216/255.255.255.255
13.115.65.157/255.255.255.255
13.115.93.56/255.255.255.255
13.230.176.149/255.255.255.255
18.179.163.91/255.255.255.255
18.179.172.144/255.255.255.255
18.179.230.223/255.255.255.255
3.114.45.202/255.255.255.255
52.199.90.176/255.255.255.255
18.178.185.103/255.255.255.255
52.192.231.251/255.255.255.255
18.180.91.59/255.255.255.255
54.168.149.189/255.255.255.255
18.177.26.90/255.255.255.255
18.180.112.38/255.255.255.255
18.176.40.146/255.255.255.255
54.95.40.52/255.255.255.255
18.179.236.157/255.255.255.255
18.180.176.194/255.255.255.255
13.112.240.86/255.255.255.255
18.180.183.142/255.255.255.255
18.176.164.163/255.255.255.255
3.114.211.31/255.255.255.255
18.178.112.176/255.255.255.255
18.178.101.22/255.255.255.255
3.114.148.107/255.255.255.255
18.178.19.110/255.255.255.255
18.178.115.45/255.255.255.255
18.179.68.140/255.255.255.255
18.180.206.94/255.255.255.255

18.180.131.9/255.255.255.255
3.115.198.120/255.255.255.255
18.177.30.143/255.255.255.255
18.179.63.56/255.255.255.255
3.115.28.210/255.255.255.255
18.177.227.169/255.255.255.255
3.114.96.92/255.255.255.255
52.68.93.28/255.255.255.255
18.177.201.97/255.255.255.255
18.182.110.146/255.255.255.255
18.178.252.0/255.255.255.255
18.176.248.183/255.255.255.255
54.168.112.255/255.255.255.255
52.194.167.255/255.255.255.255
13.230.81.80/255.255.255.255
52.69.53.77/255.255.255.255
3.115.170.188/255.255.255.255
52.197.117.141/255.255.255.255
18.177.176.249/255.255.255.255
18.178.220.24/255.255.255.255
18.182.110.169/255.255.255.255
18.177.116.44/255.255.255.255
3.114.231.91/255.255.255.255
18.178.251.224/255.255.255.255
3.115.241.20/255.255.255.255
13.113.22.90/255.255.255.255
13.230.228.213/255.255.255.255
18.177.51.207/255.255.255.255
52.68.126.174/255.255.255.255
52.194.164.22/255.255.255.255
18.178.160.12/255.255.255.255
18.182.110.90/255.255.255.255
3.114.66.187/255.255.255.255
18.180.90.146/255.255.255.255
13.231.62.143/255.255.255.255
18.180.107.179/255.255.255.255
13.112.27.28/255.255.255.255
18.178.60.173/255.255.255.255
18.178.218.127/255.255.255.255
18.176.183.13/255.255.255.255
54.249.13.35/255.255.255.255
13.230.76.36/255.255.255.255
18.182.111.220/255.255.255.255
52.68.115.81/255.255.255.255
18.180.55.225/255.255.255.255
13.113.164.134/255.255.255.255

54.65.200.129/255.255.255.255
18.180.29.42/255.255.255.255
18.176.43.74/255.255.255.255
52.192.224.28/255.255.255.255
18.176.81.244/255.255.255.255
52.199.170.114/255.255.255.255
18.178.121.48/255.255.255.255
18.182.118.75/255.255.255.255
3.114.247.228/255.255.255.255
18.182.250.162/255.255.255.255
18.178.102.48/255.255.255.255
52.196.212.105/255.255.255.255
18.178.92.138/255.255.255.255
52.69.13.81/255.255.255.255
13.230.126.249/255.255.255.255
54.95.215.96/255.255.255.255
18.180.94.104/255.255.255.255
3.114.86.81/255.255.255.255
18.182.119.21/255.255.255.255
18.180.179.151/255.255.255.255
18.180.174.156/255.255.255.255
18.180.150.40/255.255.255.255
52.68.159.96/255.255.255.255
3.113.198.250/255.255.255.255
52.198.88.203/255.255.255.255
18.182.139.229/255.255.255.255
18.182.140.28/255.255.255.255
18.182.179.182/255.255.255.255
18.182.180.201/255.255.255.255
18.182.202.248/255.255.255.255
18.182.212.21/255.255.255.255
18.182.234.34/255.255.255.255
52.194.234.183/255.255.255.255
52.199.221.218/255.255.255.255
52.69.249.121/255.255.255.255
18.182.202.155/255.255.255.255
52.198.133.77/255.255.255.255
52.197.77.57/255.255.255.255
13.113.153.114/255.255.255.255
52.196.228.172/255.255.255.255
54.250.136.86/255.255.255.255
13.113.105.124/255.255.255.255
52.199.160.220/255.255.255.255
52.68.46.225/255.255.255.255
52.198.234.9/255.255.255.255
18.179.70.175/255.255.255.255

52.199.92.251/255.255.255.255
52.199.181.98/255.255.255.255
52.69.226.46/255.255.255.255
18.179.176.255/255.255.255.255
13.231.44.215/255.255.255.255
52.192.55.227/255.255.255.255
54.248.198.161/255.255.255.255
13.231.67.44/255.255.255.255
52.196.119.10/255.255.255.255
54.249.207.89/255.255.255.255
13.113.155.166/255.255.255.255
54.238.213.199/255.255.255.255
52.192.16.21/255.255.255.255
54.95.15.52/255.255.255.255
52.198.242.231/255.255.255.255
52.199.249.247/255.255.255.255
52.197.221.52/255.255.255.255
54.178.225.172/255.255.255.255
52.69.93.79/255.255.255.255
54.178.244.45/255.255.255.255
54.249.28.137/255.255.255.255
13.113.56.201/255.255.255.255
13.112.167.156/255.255.255.255
18.182.194.43/255.255.255.255
18.179.98.114/255.255.255.255
54.248.198.17/255.255.255.255
54.95.253.22/255.255.255.255
52.196.126.216/255.255.255.255
52.197.113.211/255.255.255.255
52.197.167.143/255.255.255.255
52.198.120.244/255.255.255.255
52.194.163.178/255.255.255.255
52.68.66.30/255.255.255.255
54.250.207.249/255.255.255.255
52.196.108.197/255.255.255.255
52.194.68.105/255.255.255.255
52.199.235.34/255.255.255.255
54.65.121.152/255.255.255.255
18.179.154.205/255.255.255.255
52.192.193.89/255.255.255.255
52.68.97.233/255.255.255.255
54.199.247.116/255.255.255.255
54.249.31.232/255.255.255.255
18.179.168.29/255.255.255.255
13.230.232.27/255.255.255.255
52.68.176.79/255.255.255.255

	18.176.169.194/255.255.255.255 52.198.144.194/255.255.255.255 18.180.150.8/255.255.255.255 18.176.250.224/255.255.255.255 3.115.220.136/255.255.255.255 54.178.71.40/255.255.255.255 18.178.222.204/255.255.255.255 13.112.162.210/255.255.255.255 18.180.172.164/255.255.255.255 18.176.151.134/255.255.255.255 3.114.152.106/255.255.255.255 52.198.107.136/255.255.255.255 54.249.75.247/255.255.255.255 18.177.189.89/255.255.255.255
テレビ会議連携をご利用の場合に必要な設定	5章をご確認ください

注意1. IPアドレスでの指定においても、以下の機能をご利用いただくためには ***.vcube.com** の指定が必要です。

- V-CUBE ミーティング 5 アプリのアップデート
- ブラウザでの録画映像の再生

4. FQDN で指定する

以下を設定してください。

条件	設定内容
サービス利用に必須の設定	oosp.comodoca.com:80 crl.comodoca.com:80 crt.comodoca.com:80 secure.comodo.com:443 crl.comodoca.com.cdn.cloudflare.net:80 crt.sectigo.com:80 sectigo.com:443 crl.sectigo.com:80 oosp.sectigo.com:80 crl.usertrust.com:80 oosp.usertrust.com:80 mtg5l.vcube.com meeting-lite-vp.vcube.com video-mgr-02.vcube.com mtg5l-vr-jp-01.vcube.com mtg5l-vr-jp-02.vcube.com mtg5l-vr-jp-03.vcube.com mtg5l-vr-jp-04.vcube.com mtg5l-vr-jp-05.vcube.com mtg5l-vr-jp-06.vcube.com mtg5l-vr-jp-07.vcube.com mtg5l-vr-jp-08.vcube.com mtg5l-vr-jp-09.vcube.com mtg5l-vr-jp-10.vcube.com mtg5l-vr-jp-11.vcube.com mtg5l-vr-jp-12.vcube.com mtg5l-vr-jp-13.vcube.com mtg5l-vr-jp-14.vcube.com mtg5l-vr-jp-15.vcube.com mtg5l-vr-jp-16.vcube.com mtg5l-vr-jp-17.vcube.com mtg5l-vr-jp-18.vcube.com mtg5l-vr-jp-19.vcube.com mtg5l-vr-jp-20.vcube.com mtg5l-vr-jp-21.vcube.com mtg5l-vr-jp-22.vcube.com mtg5l-vr-jp-23.vcube.com

mtg51-vr-jp-24.vcube.com
mtg51-vr-jp-25.vcube.com
mtg51-vr-jp-26.vcube.com
mtg51-vr-jp-27.vcube.com
mtg51-vr-jp-28.vcube.com
mtg51-vr-jp-29.vcube.com
mtg51-vr-jp-30.vcube.com
mtg51-vr-jp-31.vcube.com
mtg51-vr-jp-32.vcube.com
mtg51-vr-jp-33.vcube.com
mtg51-vr-jp-34.vcube.com
mtg51-vr-jp-35.vcube.com
mtg51-vr-jp-36.vcube.com
mtg51-vr-jp-37.vcube.com
mtg51-vr-jp-38.vcube.com
mtg51-vr-jp-39.vcube.com
mtg51-vr-jp-40.vcube.com
mtg51-vr-jp-41.vcube.com
mtg51-vr-jp-42.vcube.com
mtg51-vr-jp-43.vcube.com
mtg51-vr-jp-44.vcube.com
mtg51-vr-jp-45.vcube.com
mtg51-vr-jp-46.vcube.com
mtg51-vr-jp-47.vcube.com
mtg51-vr-jp-48.vcube.com
mtg51-vr-jp-49.vcube.com
mtg51-vr-jp-50.vcube.com
mtg51-vr-jp-51.vcube.com
mtg51-vr-jp-52.vcube.com
mtg51-vr-jp-53.vcube.com
mtg51-vr-jp-54.vcube.com
mtg51-vr-jp-55.vcube.com
mtg51-vr-jp-56.vcube.com
mtg51-vr-jp-57.vcube.com
mtg51-vr-jp-58.vcube.com
mtg51-vr-jp-59.vcube.com
mtg51-vr-jp-60.vcube.com
mtg51-vr-jp-61.vcube.com
mtg51-vr-jp-62.vcube.com
mtg51-vr-jp-63.vcube.com
mtg51-vr-jp-64.vcube.com
mtg51-vr-jp-65.vcube.com
mtg51-vr-jp-66.vcube.com
mtg51-vr-jp-67.vcube.com
mtg51-vr-jp-68.vcube.com
mtg51-vr-jp-69.vcube.com

mtg51-vr-jp-70.vcube.com
mtg51-vr-jp-71.vcube.com
mtg51-vr-jp-72.vcube.com
mtg51-vr-jp-73.vcube.com
mtg51-vr-jp-74.vcube.com
mtg51-vr-jp-75.vcube.com
mtg51-vr-jp-76.vcube.com
mtg51-vr-jp-77.vcube.com
mtg51-vr-jp-78.vcube.com
mtg51-vr-jp-79.vcube.com
mtg51-vr-jp-80.vcube.com
mtg51-vr-jp-81.vcube.com
mtg51-vr-jp-82.vcube.com
mtg51-vr-jp-83.vcube.com
mtg51-vr-jp-84.vcube.com
mtg51-vr-jp-85.vcube.com
mtg51-vr-jp-86.vcube.com
mtg51-vr-jp-87.vcube.com
mtg51-vr-jp-88.vcube.com
mtg51-vr-jp-89.vcube.com
mtg51-vr-jp-90.vcube.com
mtg51-vr-jp-91.vcube.com
mtg51-vr-jp-92.vcube.com
mtg51-vr-jp-93.vcube.com
mtg51-vr-jp-94.vcube.com
mtg51-vr-jp-95.vcube.com
mtg51-vr-jp-96.vcube.com
mtg51-vr-jp-97.vcube.com
mtg51-vr-jp-98.vcube.com
mtg51-vr-jp-99.vcube.com
mtg51-vr-jp-100.vcube.com
mtg51-vr-jp-101.vcube.com
mtg51-vr-jp-102.vcube.com
mtg51-vr-jp-103.vcube.com
mtg51-vr-jp-104.vcube.com
mtg51-vr-jp-105.vcube.com
mtg51-vr-jp-106.vcube.com
mtg51-vr-jp-107.vcube.com
mtg51-vr-jp-108.vcube.com
mtg51-vr-jp-109.vcube.com
mtg51-vr-jp-110.vcube.com
mtg51-vr-jp-111.vcube.com
mtg51-vr-jp-112.vcube.com
mtg51-vr-jp-113.vcube.com
mtg51-vr-jp-114.vcube.com
mtg51-vr-jp-115.vcube.com

mtg5l-vr-jp-116.vcube.com
mtg5l-vr-jp-117.vcube.com
mtg5l-vr-jp-118.vcube.com
mtg5l-vr-jp-119.vcube.com
mtg5l-vr-jp-120.vcube.com
mtg5l-vr-jp-121.vcube.com
mtg5l-vr-jp-122.vcube.com
mtg5l-vr-jp-123.vcube.com
mtg5l-vr-jp-124.vcube.com
mtg5l-vr-jp-125.vcube.com
mtg5l-dl.vcube.com
mtg5l-cf.vcube.com
mtg5l-wls.vcube.com
dr-mtg5l.vcube.com
mtg5l-dr-cf-01.vcube.com
mtg5l-dr-cf-02.vcube.com
mtg5l-dr-cf.vcube.com
meeting-lite-dr-vp.vcube.com
mtg5l-dr-vr-jp-01.vcube.com
mtg5l-dr-vr-jp-02.vcube.com
mtg5l-dr-vr-jp-03.vcube.com
mtg5l-dr-vr-jp-04.vcube.com
mtg5l-dr-vr-jp-05.vcube.com
mtg5l-dr-vr-jp-06.vcube.com
mtg5l-dr-vr-jp-07.vcube.com
mtg5l-dr-vr-jp-08.vcube.com
mtg5l-dr-vr-jp-09.vcube.com
mtg5l-dr-vr-jp-10.vcube.com
mtg5l-dr-vr-jp-11.vcube.com
mtg5l-dr-vr-jp-12.vcube.com
mtg5l-dr-vr-jp-13.vcube.com
mtg5l-dr-vr-jp-14.vcube.com
mtg5l-dr-vr-jp-15.vcube.com
video-mgr-cif.vcube.com
mtg5l-video.vcube.com
mtg5l-gr02-vp-jp.vcube.com
mtg5l-gr02-vr-jp-01.vcube.com
mtg5l-gr02-vr-jp-02.vcube.com
mtg5l-gr02-vr-jp-03.vcube.com
mtg5l-gr02-vr-jp-04.vcube.com
mtg5l-gr02-vr-jp-05.vcube.com
mtg5l-gr02-vr-jp-06.vcube.com
mtg5l-gr02-vr-jp-07.vcube.com
mtg5l-gr02-vr-jp-08.vcube.com
mtg5l-gr02-vr-jp-09.vcube.com
mtg5l-gr02-vr-jp-10.vcube.com

mtg5l-gr02-vr-jp-11.vcube.com
mtg5l-gr02-vr-jp-12.vcube.com
mtg5l-gr02-vr-jp-13.vcube.com
mtg5l-gr02-vr-jp-14.vcube.com
mtg5l-gr02-vr-jp-15.vcube.com
mtg5l-gr02-vr-jp-16.vcube.com
mtg5l-gr02-vr-jp-17.vcube.com
mtg5l-gr02-vr-jp-18.vcube.com
mtg5l-gr02-vr-jp-19.vcube.com
mtg5l-gr02-vr-jp-20.vcube.com
mtg5l-gr02-vr-jp-21.vcube.com
mtg5l-gr02-vr-jp-22.vcube.com
mtg5l-gr02-vr-jp-23.vcube.com
mtg5l-gr02-vr-jp-24.vcube.com
mtg5l-gr02-vr-jp-25.vcube.com
mtg5l-gr02-vr-jp-26.vcube.com
mtg5l-gr02-vr-jp-27.vcube.com
mtg5l-gr02-vr-jp-28.vcube.com
mtg5l-gr02-vr-jp-29.vcube.com
mtg5l-gr02-vr-jp-30.vcube.com
mtg5l-gr02-vr-jp-31.vcube.com
mtg5l-gr02-vr-jp-32.vcube.com
mtg5l-gr02-vr-jp-33.vcube.com
mtg5l-gr02-vr-jp-34.vcube.com
mtg5l-gr02-vr-jp-35.vcube.com
mtg5l-gr02-vr-jp-36.vcube.com
mtg5l-gr02-vr-jp-37.vcube.com
mtg5l-gr02-vr-jp-38.vcube.com
mtg5l-gr02-vr-jp-39.vcube.com
mtg5l-gr02-vr-jp-40.vcube.com
mtg5l-gr02-vr-jp-41.vcube.com
mtg5l-gr02-vr-jp-42.vcube.com
mtg5l-gr02-vr-jp-43.vcube.com
mtg5l-gr02-vr-jp-44.vcube.com
mtg5l-gr02-vr-jp-45.vcube.com
mtg5l-gr02-vr-jp-46.vcube.com
mtg5l-gr02-vr-jp-47.vcube.com
mtg5l-gr02-vr-jp-48.vcube.com
mtg5l-gr02-vr-jp-49.vcube.com
mtg5l-gr02-vr-jp-50.vcube.com
mtg5l-gr02-vr-jp-51.vcube.com
mtg5l-gr02-vr-jp-52.vcube.com
mtg5l-gr02-vr-jp-53.vcube.com
mtg5l-gr02-vr-jp-54.vcube.com
mtg5l-gr02-vr-jp-55.vcube.com
mtg5l-gr02-vr-jp-56.vcube.com

mtg5l-gr03-vp-jp.vcube.com
mtg5l-gr03-vr-jp-01.vcube.com
mtg5l-gr03-vr-jp-02.vcube.com
mtg5l-gr03-vr-jp-03.vcube.com
mtg5l-gr03-vr-jp-04.vcube.com
mtg5l-gr03-vr-jp-05.vcube.com
mtg5l-gr03-vr-jp-06.vcube.com
mtg5l-gr03-vr-jp-07.vcube.com
mtg5l-gr03-vr-jp-08.vcube.com
mtg5l-gr03-vr-jp-09.vcube.com
mtg5l-gr03-vr-jp-10.vcube.com
mtg5l-gr03-vr-jp-11.vcube.com
mtg5l-gr03-vr-jp-12.vcube.com
mtg5l-gr03-vr-jp-13.vcube.com
mtg5l-gr03-vr-jp-14.vcube.com
mtg5l-gr03-vr-jp-15.vcube.com
mtg5l-gr03-vr-jp-16.vcube.com
mtg5l-gr03-vr-jp-17.vcube.com
mtg5l-gr03-vr-jp-18.vcube.com
mtg5l-gr03-vr-jp-19.vcube.com
mtg5l-gr03-vr-jp-20.vcube.com
mtg5l-gr03-vr-jp-21.vcube.com
mtg5l-gr03-vr-jp-22.vcube.com
mtg5l-gr03-vr-jp-23.vcube.com
mtg5l-gr03-vr-jp-24.vcube.com
mtg5l-gr03-vr-jp-25.vcube.com
mtg5l-gr03-vr-jp-26.vcube.com
mtg5l-gr03-vr-jp-27.vcube.com
mtg5l-gr03-vr-jp-28.vcube.com
rec-mgr-01.vcube.com
meeting-lite-gr02-dr-vp.vcube.com
mtg5l-gr02-dr-vr-01.vcube.com
mtg5l-gr02-dr-vr-02.vcube.com
mtg5l-gr02-dr-vr-03.vcube.com
mtg5l-gr02-dr-vr-04.vcube.com
mtg5l-gr02-dr-vr-05.vcube.com
mtg5l-gr02-dr-vr-06.vcube.com
mtg5l-gr02-dr-vr-07.vcube.com
mtg5l-gr02-dr-vr-08.vcube.com
mtg5l-gr02-dr-vr-09.vcube.com
mtg5l-gr02-dr-vr-10.vcube.com
mtg5l-gr02-dr-vr-11.vcube.com
mtg5l-gr02-dr-vr-12.vcube.com
mtg5l-gr02-dr-vr-13.vcube.com
mtg5l-gr02-dr-vr-14.vcube.com
mtg5l-gr02-dr-vr-15.vcube.com

	mtg5l-mis.vcube.com rec-mgr.vcube.com
V-CUBE One グローバルプランをご契約の場合に必要な設定	mtg5l-vr-sg-01.vcube.com mtg5l-vr-hk-01.vcube.com mtg5l-vr-us-01.vcube.com mtg5l-vr-nl-01.vcube.com mtg5l-vr-au-01.vcube.com mtg5l-vr-br-01.vcube.com mtg5l-vr-in-01.vcube.com mtg5l-vr-th-01.vcube.com mtg5l-vr-cn-03.vcube.com mtg5l-vr-th-02.vcube.com mtg5l-gr02-vr-au-01.vcube.com mtg5l-gr02-vr-br-01.vcube.com mtg5l-gr02-vr-cn-01.vcube.com mtg5l-gr02-vr-hk-01.vcube.com mtg5l-gr02-vr-in-01.vcube.com mtg5l-gr02-vr-nl-01.vcube.com mtg5l-gr02-vr-sg-01.vcube.com mtg5l-gr02-vr-th-01.vcube.com mtg5l-gr02-vr-us-01.vcube.com mtg5l-gr03-vr-au-01.vcube.com mtg5l-gr03-vr-br-01.vcube.com mtg5l-gr03-vr-cn-01.vcube.com mtg5l-gr03-vr-hk-01.vcube.com mtg5l-gr03-vr-in-01.vcube.com mtg5l-gr03-vr-nl-01.vcube.com mtg5l-gr03-vr-sg-01.vcube.com mtg5l-gr03-vr-th-01.vcube.com mtg5l-gr03-vr-us-01.vcube.com
V-CUBE Box をご利用の場合に必要な設定	conf.gate.vcube.com vcapi.gate.vcube.com vcwebsocket.gate.vcube.com content.gate.vcube.com gate.vcube.com drxxkkg3ubllh.cloudfront.net ※機能が制限されますが、個別対応で上記の設定が不要な動作モードがあります。ご希望の場合は弊社担当にご相談ください。 time.windows.com:123 (UDP)

中国国内から V-CUBE ミーティング 5 アプリをダウンロードする場合に必要な設定	v5.vcubeone.net
音声認識・翻訳機能（ベータ版）をご利用の場合に必要な設定	api.cognitive.microsofttranslator.com japaneast.s2s.speech.microsoft.com *.microsoft.com dsrh.vcube.com
ブラウザ版をご利用の場合に必要な設定	mtg5-turn-jp-01.vcube.com mtg5-turn-jp-02.vcube.com mtg5-turn-jp-03.vcube.com mtg5-turn-jp-04.vcube.com mtg5-turn-jp-05.vcube.com mtg5-turn-jp-06.vcube.com mtg5-turn-jp-07.vcube.com mtg5-turn-jp-08.vcube.com mtg5-turn-jp-09.vcube.com mtg5-turn-jp-10.vcube.com mtg5-turn-jp-11.vcube.com mtg5-turn-jp-12.vcube.com mtg5-turn-jp-13.vcube.com mtg5-turn-jp-14.vcube.com mtg5-turn-jp-15.vcube.com mtg5-turn-scale-jp-01.vcube.com mtg5-turn-scale-jp-02.vcube.com mtg5-turn-scale-jp-03.vcube.com mtg5-turn-scale-jp-04.vcube.com mtg5-turn-scale-jp-05.vcube.com mtg5-turn-scale-jp-06.vcube.com mtg5-turn-scale-jp-07.vcube.com mtg5-turn-scale-jp-08.vcube.com mtg5-turn-scale-jp-09.vcube.com mtg5-turn-scale-jp-10.vcube.com mtg5-turn-scale-jp-11.vcube.com mtg5-turn-scale-jp-12.vcube.com mtg5-turn-scale-jp-13.vcube.com mtg5-turn-scale-jp-14.vcube.com mtg5-turn-scale-jp-15.vcube.com mtg5-turn-scale-jp-16.vcube.com mtg5-turn-scale-jp-17.vcube.com mtg5-turn-scale-jp-18.vcube.com mtg5-turn-scale-jp-19.vcube.com mtg5-turn-scale-jp-20.vcube.com mtg5-turn-scale-jp-21.vcube.com mtg5-turn-scale-jp-22.vcube.com mtg5-turn-scale-jp-23.vcube.com

mtg5-turn-scale-jp-24.vcube.com
mtg5-turn-scale-jp-25.vcube.com
mtg5-turn-scale-jp-26.vcube.com
mtg5-turn-scale-jp-27.vcube.com
mtg5-turn-scale-jp-28.vcube.com
mtg5-turn-scale-jp-29.vcube.com
mtg5-turn-scale-jp-30.vcube.com
mtg5-turn-scale-jp-31.vcube.com
mtg5-turn-scale-jp-32.vcube.com
mtg5-turn-scale-jp-33.vcube.com
mtg5-turn-scale-jp-34.vcube.com
mtg5-turn-scale-jp-35.vcube.com
mtg5-turn-scale-jp-36.vcube.com
mtg5-turn-scale-jp-37.vcube.com
mtg5-turn-scale-jp-38.vcube.com
mtg5-turn-scale-jp-39.vcube.com
mtg5-turn-scale-jp-40.vcube.com
mtg5-turn-scale-jp-41.vcube.com
mtg5-turn-scale-jp-42.vcube.com
mtg5-turn-scale-jp-43.vcube.com
mtg5-turn-scale-jp-44.vcube.com
mtg5-turn-scale-jp-45.vcube.com
mtg5-turn-scale-jp-46.vcube.com
mtg5-turn-scale-jp-47.vcube.com
mtg5-turn-scale-jp-48.vcube.com
mtg5-turn-scale-jp-49.vcube.com
mtg5-turn-scale-jp-50.vcube.com
mtg5-turn-scale-jp-51.vcube.com
mtg5-turn-scale-jp-52.vcube.com
mtg5-turn-scale-jp-53.vcube.com
mtg5-turn-scale-jp-54.vcube.com
mtg5-turn-scale-jp-55.vcube.com
mtg5-turn-scale-jp-56.vcube.com
mtg5-turn-scale-jp-57.vcube.com
mtg5-turn-scale-jp-58.vcube.com
mtg5-turn-scale-jp-59.vcube.com
mtg5-turn-scale-jp-60.vcube.com
mtg5-turn-scale-jp-61.vcube.com
mtg5-turn-scale-jp-62.vcube.com
mtg5-turn-scale-jp-63.vcube.com
mtg5-turn-scale-jp-64.vcube.com
mtg5-turn-scale-jp-65.vcube.com
mtg5-turn-scale-jp-66.vcube.com
mtg5-turn-scale-jp-67.vcube.com
mtg5-turn-scale-jp-68.vcube.com
mtg5-turn-scale-jp-69.vcube.com

mtg5-turn-scale-jp-70.vcube.com
mtg5-turn-scale-jp-71.vcube.com
mtg5-turn-scale-jp-72.vcube.com
mtg5-turn-scale-jp-73.vcube.com
mtg5-turn-scale-jp-74.vcube.com
mtg5-turn-scale-jp-75.vcube.com
mtg5-turn-scale-jp-76.vcube.com
mtg5-turn-scale-jp-77.vcube.com
mtg5-turn-scale-jp-78.vcube.com
mtg5-turn-scale-jp-79.vcube.com
mtg5-turn-scale-jp-80.vcube.com
mtg5-turn-scale-jp-81.vcube.com
mtg5-turn-scale-jp-82.vcube.com
mtg5-turn-scale-jp-83.vcube.com
mtg5-turn-scale-jp-84.vcube.com
mtg5-turn-scale-jp-85.vcube.com
mtg5-turn-scale-jp-86.vcube.com
mtg5-turn-scale-jp-87.vcube.com
mtg5-turn-scale-jp-88.vcube.com
mtg5-turn-scale-jp-89.vcube.com
mtg5-turn-scale-jp-90.vcube.com
mtg5-turn-scale-jp-91.vcube.com
mtg5-turn-scale-jp-92.vcube.com
mtg5-turn-scale-jp-93.vcube.com
mtg5-turn-scale-jp-94.vcube.com
mtg5-turn-scale-jp-95.vcube.com
mtg5-turn-scale-jp-96.vcube.com
mtg5-turn-scale-jp-97.vcube.com
mtg5-turn-scale-jp-98.vcube.com
mtg5-turn-scale-jp-99.vcube.com
mtg5-turn-scale-jp-100.vcube.com
mtg5-turn-scale-jp-101.vcube.com
mtg5-turn-scale-jp-102.vcube.com
mtg5-turn-scale-jp-103.vcube.com
mtg5-turn-scale-jp-104.vcube.com
mtg5-turn-scale-jp-105.vcube.com
mtg5-turn-scale-jp-106.vcube.com
mtg5-turn-scale-jp-107.vcube.com
mtg5-turn-scale-jp-108.vcube.com
mtg5-turn-scale-jp-109.vcube.com
mtg5-turn-scale-jp-110.vcube.com
mtg5-turn-scale-jp-111.vcube.com
mtg5-turn-scale-jp-112.vcube.com
mtg5-turn-scale-jp-113.vcube.com
mtg5-turn-scale-jp-114.vcube.com
mtg5-turn-scale-jp-115.vcube.com

mtg5-turn-scale-jp-116.vcube.com
mtg5-turn-scale-jp-117.vcube.com
mtg5-turn-scale-jp-118.vcube.com
mtg5-turn-scale-jp-119.vcube.com
mtg5-turn-scale-jp-120.vcube.com
mtg5-turn-scale-jp-121.vcube.com
mtg5-turn-scale-jp-122.vcube.com
mtg5-turn-scale-jp-123.vcube.com
mtg5-turn-scale-jp-124.vcube.com
mtg5-turn-scale-jp-125.vcube.com
mtg5-turn-scale-jp-126.vcube.com
mtg5-turn-scale-jp-127.vcube.com
mtg5-turn-scale-jp-128.vcube.com
mtg5-turn-scale-jp-129.vcube.com
mtg5-turn-scale-jp-130.vcube.com
mtg5-turn-scale-jp-131.vcube.com
mtg5-turn-scale-jp-132.vcube.com
mtg5-turn-scale-jp-133.vcube.com
mtg5-turn-scale-jp-134.vcube.com
mtg5-turn-scale-jp-135.vcube.com
mtg5-turn-scale-jp-136.vcube.com
mtg5-turn-scale-jp-137.vcube.com
mtg5-turn-scale-jp-138.vcube.com
mtg5-turn-scale-jp-139.vcube.com
mtg5-turn-scale-jp-140.vcube.com
mtg5-turn-scale-jp-141.vcube.com
mtg5-turn-scale-jp-142.vcube.com
mtg5-turn-scale-jp-143.vcube.com
mtg5-turn-scale-jp-144.vcube.com
mtg5-turn-scale-jp-145.vcube.com
mtg5-turn-scale-jp-146.vcube.com
mtg5-turn-scale-jp-147.vcube.com
mtg5-turn-scale-jp-148.vcube.com
mtg5-turn-scale-jp-149.vcube.com
mtg5-turn-scale-jp-150.vcube.com
mtg5-turn-scale-jp-151.vcube.com
mtg5-turn-scale-jp-152.vcube.com
mtg5-turn-scale-jp-153.vcube.com
mtg5-turn-scale-jp-154.vcube.com
mtg5-turn-scale-jp-155.vcube.com
mtg5-turn-scale-jp-156.vcube.com
mtg5-turn-scale-jp-157.vcube.com
mtg5-turn-scale-jp-158.vcube.com
mtg5-turn-scale-jp-159.vcube.com
mtg5-turn-scale-jp-160.vcube.com
mtg5-turn-scale-jp-161.vcube.com

mtg5-turn-scale-jp-162.vcube.com
mtg5-turn-scale-jp-163.vcube.com
mtg5-turn-scale-jp-164.vcube.com
mtg5-turn-scale-jp-165.vcube.com
mtg5-turn-scale-jp-166.vcube.com
mtg5-turn-scale-jp-167.vcube.com
mtg5-turn-scale-jp-168.vcube.com
mtg5-turn-scale-jp-169.vcube.com
mtg5-turn-scale-jp-170.vcube.com
mtg5-turn-scale-jp-171.vcube.com
mtg5-turn-scale-jp-172.vcube.com
mtg5-turn-scale-jp-173.vcube.com
mtg5-turn-scale-jp-174.vcube.com
mtg5-turn-scale-jp-175.vcube.com
mtg5-turn-scale-jp-176.vcube.com
mtg5-turn-scale-jp-177.vcube.com
mtg5-turn-scale-jp-178.vcube.com
mtg5-turn-scale-jp-179.vcube.com
mtg5-turn-scale-jp-180.vcube.com
mtg5-turn-scale-jp-181.vcube.com
mtg5-turn-scale-jp-182.vcube.com
mtg5-turn-scale-jp-183.vcube.com
mtg5-turn-scale-jp-184.vcube.com
mtg5-turn-scale-jp-185.vcube.com
mtg5-rtc-jp-01.vcube.com
mtg5-rtc-jp-02.vcube.com
mtg5-rtc-jp-03.vcube.com
mtg5-rtc-jp-04.vcube.com
mtg5-rtc-jp-05.vcube.com
mtg5-rtc-jp-06.vcube.com
mtg5-rtc-jp-07.vcube.com
mtg5-rtc-jp-08.vcube.com
mtg5-rtc-jp-09.vcube.com
mtg5-rtc-jp-10.vcube.com
mtg5-rtc-jp-11.vcube.com
mtg5-rtc-jp-12.vcube.com
mtg5-rtc-jp-13.vcube.com
mtg5-rtc-jp-14.vcube.com
mtg5-rtc-jp-15.vcube.com
mtg5-rtc-scale-jp-01.vcube.com
mtg5-rtc-scale-jp-02.vcube.com
mtg5-rtc-scale-jp-03.vcube.com
mtg5-rtc-scale-jp-04.vcube.com
mtg5-rtc-scale-jp-05.vcube.com
mtg5-rtc-scale-jp-06.vcube.com
mtg5-rtc-scale-jp-07.vcube.com

mtg5-rtc-scale-jp-08.vcube.com
mtg5-rtc-scale-jp-09.vcube.com
mtg5-rtc-scale-jp-10.vcube.com
mtg5-rtc-scale-jp-100.vcube.com
mtg5-rtc-scale-jp-101.vcube.com
mtg5-rtc-scale-jp-102.vcube.com
mtg5-rtc-scale-jp-103.vcube.com
mtg5-rtc-scale-jp-104.vcube.com
mtg5-rtc-scale-jp-105.vcube.com
mtg5-rtc-scale-jp-106.vcube.com
mtg5-rtc-scale-jp-107.vcube.com
mtg5-rtc-scale-jp-108.vcube.com
mtg5-rtc-scale-jp-109.vcube.com
mtg5-rtc-scale-jp-11.vcube.com
mtg5-rtc-scale-jp-110.vcube.com
mtg5-rtc-scale-jp-111.vcube.com
mtg5-rtc-scale-jp-112.vcube.com
mtg5-rtc-scale-jp-113.vcube.com
mtg5-rtc-scale-jp-114.vcube.com
mtg5-rtc-scale-jp-115.vcube.com
mtg5-rtc-scale-jp-116.vcube.com
mtg5-rtc-scale-jp-117.vcube.com
mtg5-rtc-scale-jp-118.vcube.com
mtg5-rtc-scale-jp-119.vcube.com
mtg5-rtc-scale-jp-12.vcube.com
mtg5-rtc-scale-jp-120.vcube.com
mtg5-rtc-scale-jp-121.vcube.com
mtg5-rtc-scale-jp-122.vcube.com
mtg5-rtc-scale-jp-123.vcube.com
mtg5-rtc-scale-jp-124.vcube.com
mtg5-rtc-scale-jp-125.vcube.com
mtg5-rtc-scale-jp-126.vcube.com
mtg5-rtc-scale-jp-127.vcube.com
mtg5-rtc-scale-jp-128.vcube.com
mtg5-rtc-scale-jp-129.vcube.com
mtg5-rtc-scale-jp-13.vcube.com
mtg5-rtc-scale-jp-130.vcube.com
mtg5-rtc-scale-jp-131.vcube.com
mtg5-rtc-scale-jp-132.vcube.com
mtg5-rtc-scale-jp-133.vcube.com
mtg5-rtc-scale-jp-134.vcube.com
mtg5-rtc-scale-jp-135.vcube.com
mtg5-rtc-scale-jp-136.vcube.com
mtg5-rtc-scale-jp-137.vcube.com
mtg5-rtc-scale-jp-138.vcube.com
mtg5-rtc-scale-jp-139.vcube.com

mtg5-rtc-scale-jp-14.vcube.com
mtg5-rtc-scale-jp-140.vcube.com
mtg5-rtc-scale-jp-141.vcube.com
mtg5-rtc-scale-jp-142.vcube.com
mtg5-rtc-scale-jp-143.vcube.com
mtg5-rtc-scale-jp-144.vcube.com
mtg5-rtc-scale-jp-145.vcube.com
mtg5-rtc-scale-jp-146.vcube.com
mtg5-rtc-scale-jp-147.vcube.com
mtg5-rtc-scale-jp-148.vcube.com
mtg5-rtc-scale-jp-149.vcube.com
mtg5-rtc-scale-jp-15.vcube.com
mtg5-rtc-scale-jp-150.vcube.com
mtg5-rtc-scale-jp-151.vcube.com
mtg5-rtc-scale-jp-152.vcube.com
mtg5-rtc-scale-jp-153.vcube.com
mtg5-rtc-scale-jp-154.vcube.com
mtg5-rtc-scale-jp-155.vcube.com
mtg5-rtc-scale-jp-156.vcube.com
mtg5-rtc-scale-jp-157.vcube.com
mtg5-rtc-scale-jp-158.vcube.com
mtg5-rtc-scale-jp-159.vcube.com
mtg5-rtc-scale-jp-16.vcube.com
mtg5-rtc-scale-jp-160.vcube.com
mtg5-rtc-scale-jp-161.vcube.com
mtg5-rtc-scale-jp-162.vcube.com
mtg5-rtc-scale-jp-163.vcube.com
mtg5-rtc-scale-jp-164.vcube.com
mtg5-rtc-scale-jp-165.vcube.com
mtg5-rtc-scale-jp-166.vcube.com
mtg5-rtc-scale-jp-167.vcube.com
mtg5-rtc-scale-jp-168.vcube.com
mtg5-rtc-scale-jp-169.vcube.com
mtg5-rtc-scale-jp-17.vcube.com
mtg5-rtc-scale-jp-170.vcube.com
mtg5-rtc-scale-jp-171.vcube.com
mtg5-rtc-scale-jp-172.vcube.com
mtg5-rtc-scale-jp-173.vcube.com
mtg5-rtc-scale-jp-174.vcube.com
mtg5-rtc-scale-jp-175.vcube.com
mtg5-rtc-scale-jp-176.vcube.com
mtg5-rtc-scale-jp-177.vcube.com
mtg5-rtc-scale-jp-178.vcube.com
mtg5-rtc-scale-jp-179.vcube.com
mtg5-rtc-scale-jp-18.vcube.com
mtg5-rtc-scale-jp-180.vcube.com

mtg5-rtc-scale-jp-181.vcube.com
mtg5-rtc-scale-jp-182.vcube.com
mtg5-rtc-scale-jp-183.vcube.com
mtg5-rtc-scale-jp-184.vcube.com
mtg5-rtc-scale-jp-185.vcube.com
mtg5-rtc-scale-jp-19.vcube.com
mtg5-rtc-scale-jp-20.vcube.com
mtg5-rtc-scale-jp-21.vcube.com
mtg5-rtc-scale-jp-22.vcube.com
mtg5-rtc-scale-jp-23.vcube.com
mtg5-rtc-scale-jp-24.vcube.com
mtg5-rtc-scale-jp-25.vcube.com
mtg5-rtc-scale-jp-26.vcube.com
mtg5-rtc-scale-jp-27.vcube.com
mtg5-rtc-scale-jp-28.vcube.com
mtg5-rtc-scale-jp-29.vcube.com
mtg5-rtc-scale-jp-30.vcube.com
mtg5-rtc-scale-jp-31.vcube.com
mtg5-rtc-scale-jp-32.vcube.com
mtg5-rtc-scale-jp-33.vcube.com
mtg5-rtc-scale-jp-34.vcube.com
mtg5-rtc-scale-jp-35.vcube.com
mtg5-rtc-scale-jp-36.vcube.com
mtg5-rtc-scale-jp-37.vcube.com
mtg5-rtc-scale-jp-38.vcube.com
mtg5-rtc-scale-jp-39.vcube.com
mtg5-rtc-scale-jp-40.vcube.com
mtg5-rtc-scale-jp-41.vcube.com
mtg5-rtc-scale-jp-42.vcube.com
mtg5-rtc-scale-jp-43.vcube.com
mtg5-rtc-scale-jp-44.vcube.com
mtg5-rtc-scale-jp-45.vcube.com
mtg5-rtc-scale-jp-46.vcube.com
mtg5-rtc-scale-jp-47.vcube.com
mtg5-rtc-scale-jp-48.vcube.com
mtg5-rtc-scale-jp-49.vcube.com
mtg5-rtc-scale-jp-50.vcube.com
mtg5-rtc-scale-jp-51.vcube.com
mtg5-rtc-scale-jp-52.vcube.com
mtg5-rtc-scale-jp-53.vcube.com
mtg5-rtc-scale-jp-54.vcube.com
mtg5-rtc-scale-jp-55.vcube.com
mtg5-rtc-scale-jp-56.vcube.com
mtg5-rtc-scale-jp-57.vcube.com
mtg5-rtc-scale-jp-58.vcube.com
mtg5-rtc-scale-jp-59.vcube.com

	mtg5-rtc-scale-jp-60.vcube.com mtg5-rtc-scale-jp-61.vcube.com mtg5-rtc-scale-jp-62.vcube.com mtg5-rtc-scale-jp-63.vcube.com mtg5-rtc-scale-jp-64.vcube.com mtg5-rtc-scale-jp-65.vcube.com mtg5-rtc-scale-jp-66.vcube.com mtg5-rtc-scale-jp-67.vcube.com mtg5-rtc-scale-jp-68.vcube.com mtg5-rtc-scale-jp-69.vcube.com mtg5-rtc-scale-jp-70.vcube.com mtg5-rtc-scale-jp-71.vcube.com mtg5-rtc-scale-jp-72.vcube.com mtg5-rtc-scale-jp-73.vcube.com mtg5-rtc-scale-jp-74.vcube.com mtg5-rtc-scale-jp-75.vcube.com mtg5-rtc-scale-jp-76.vcube.com mtg5-rtc-scale-jp-77.vcube.com mtg5-rtc-scale-jp-78.vcube.com mtg5-rtc-scale-jp-79.vcube.com mtg5-rtc-scale-jp-80.vcube.com mtg5-rtc-scale-jp-81.vcube.com mtg5-rtc-scale-jp-82.vcube.com mtg5-rtc-scale-jp-83.vcube.com mtg5-rtc-scale-jp-84.vcube.com mtg5-rtc-scale-jp-85.vcube.com mtg5-rtc-scale-jp-86.vcube.com mtg5-rtc-scale-jp-87.vcube.com mtg5-rtc-scale-jp-88.vcube.com mtg5-rtc-scale-jp-89.vcube.com mtg5-rtc-scale-jp-90.vcube.com mtg5-rtc-scale-jp-91.vcube.com mtg5-rtc-scale-jp-92.vcube.com mtg5-rtc-scale-jp-93.vcube.com mtg5-rtc-scale-jp-94.vcube.com mtg5-rtc-scale-jp-95.vcube.com mtg5-rtc-scale-jp-96.vcube.com mtg5-rtc-scale-jp-97.vcube.com mtg5-rtc-scale-jp-98.vcube.com mtg5-rtc-scale-jp-99.vcube.com
テレビ会議連携をご利用の場合に必要な設定	5章をご確認ください

5. テレビ会議連携をご利用の場合

テレビ会議端末が所属するネットワークにあるファイアウォールに対して、以下のポートの利用を許可する設定を行ってください。

注意1. プロキシサーバをご利用の場合、通信が行えない可能性があります。

ドメイン、または IP アドレス (レンジ) 等	プロトコル・ポート
<ul style="list-style-type: none"> • ドメイン *.2192.jp • IP アドレス (レンジ) 161.202.126.112/255.255.255.240 161.202.157.160/255.255.255.224 61.213.11.192/255.255.255.192 • FQDN 00.2192.jp 01.2192.jp 	<p>SIP 接続</p> <p>TCP : 5060, 5061 UDP : 5060, 10000~20000</p> <p>H.323 接続</p> <p>TCP : 1720, 15000~20000 UDP : 10000~20000</p>

6. 更新履歴

更新内容は以下をご確認ください。

更新日	内容
2022/02/21	<ul style="list-style-type: none"> ブラウザ版をご利用の場合に必要な IP アドレスと FQDN を追加 ※適用日時：2022 年 2 月 21 日（月）18:00（JST） 61.213.11.249/255.255.255.255 ～ 18.177.189.89/255.255.255.255（200 個） mtg5-rtc-jp-01.vcube.com ～ mtg5-rtc-jp-15.vcube.com（15 個） mtg5-rtc-scale-jp-01.vcube.com ～ mtg5-rtc-scale-jp-185.vcube.com（185 個）
2021/08/02	<ul style="list-style-type: none"> サーバ構成変更に伴い、以下の不要な IP アドレスと FQDN の削除 ※適用日時：2021 年 8 月 2 日（月）18:00（JST） 52.185.156.114/255.255.255.255 52.185.158.64/255.255.255.255 52.185.156.41/255.255.255.255 52.185.155.189/255.255.255.255 52.185.157.105/255.255.255.255 52.185.158.179/255.255.255.255 52.185.156.83/255.255.255.255 52.185.158.17/255.255.255.255 52.185.155.119/255.255.255.255 52.185.157.186/255.255.255.255 52.185.158.43/255.255.255.255 52.185.159.253/255.255.255.255 52.185.147.109/255.255.255.255 52.185.144.182/255.255.255.255 52.185.144.48/255.255.255.255 52.185.151.100/255.255.255.255 13.73.17.114/255.255.255.255 13.73.18.27/255.255.255.255 20.44.134.234/255.255.255.255 52.140.239.167/255.255.255.255 52.155.118.74/255.255.255.255 52.155.118.101/255.255.255.255 52.155.118.143/255.255.255.255 20.44.133.237/255.255.255.255 52.155.118.151/255.255.255.255 52.155.118.153/255.255.255.255

	<p>20.44.132.158/255.255.255.255</p> <p>20.44.135.5/255.255.255.255</p> <p>mtg5l-cf-01.vcube.com</p> <p>mtg5l-cf-02.vcube.com</p>
2021/01/14	<ul style="list-style-type: none"> 資料共有機能（旧ホワイトボード）提供終了のため以下のドメインと FQDN を削除 <p>※適用日時：2021年1月14日（木）5:00（JST）</p> <p>*.fcs.nice2meet.us</p> <p>nakano101.fcs.nice2meet.us</p> <p>nakano105.fcs.nice2meet.us</p> <p>nakano107.fcs.nice2meet.us</p> <ul style="list-style-type: none"> Flash Player 終了に伴い Internet Explorer 9 以下のブラウザでの録画映像再生、TCP1935 に関する記載を削除
2020/11/04	<ul style="list-style-type: none"> 障害発生時に利用する緊急退避用サーバの情報を追加 <p>※適用日時：2020年12月3日（木）5:00（JST）</p> <p>13.124.226.234/255.255.255.255 ~ 52.79.70.192/255.255.255.255（16個）</p> <p>meeting-lite-gr02-dr-vp.vcube.com ~ mtg5l-gr02-dr-vr-15.vcube.com（16個）</p> <ul style="list-style-type: none"> サーバ構成変更のため情報を追加 <p>※適用日時（予定）：2021年2月25日（木）5:00（JST）</p> <p>75.2.31.238/255.255.255.255 ~ 54.95.147.9/255.255.255.255（29個）</p> <p>mtg5l-mis.vcube.com ~ rec-mgr.vcube.com（2個）</p> <ul style="list-style-type: none"> 以下の不要な IP アドレスと FQDN の削除 <p>161.202.117.84/255.255.255.255</p> <p>161.202.88.144/255.255.255.240</p> <p>61.47.7.172/255.255.255.255</p> <p>202.129.206.22/255.255.255.255</p> <p>103.26.0.62/255.255.255.255</p> <p>124.243.205.14/255.255.255.255</p> <p>124.250.97.160/255.255.255.224</p> <p>116.66.201.106/255.255.255.255</p> <p>mtg5l-vr-th-01.vcube.com</p> <p>mtg5-vr-cn-01.vcube.com</p> <p>mtg5-vr-cn-02.vcube.com</p> <p>mtg5-vr-cn-04.vcube.com</p> <p>mtg5l-vr-id-01.vcube.com</p> <ul style="list-style-type: none"> 中国接続拠点の情報を追加 <p>124.250.97.174/255.255.255.255</p>
2020/08/27	<ul style="list-style-type: none"> 耐障害性向上を目的としたサーバ増強のための情報を追加 サービス利用に必須の設定

	<p>13.112.239.88/255.255.255.255 ~ 54.95.8.45/255.255.255.255 (73 個) mtg5l-gr02-vp-jp.vcube.com ~ rec-mgr-01.vcube.com (87 個)</p> <ul style="list-style-type: none"> • V-CUBE One グローバルプランをご契約の場合に必要な設定 119.81.176.56/255/255.255.248 (1 個) mtg5l-gr02-vr-au-01.vcube.com ~ mtg5l-gr03-vr-us-01.vcube.com (18 個)
2020/04/01	<ul style="list-style-type: none"> • 日本接続拠点の情報を追加 169.56.22.96/255.255.255.224 169.56.47.128/255.255.255.192 mtg5l-vr-jp-34.vcube.com ~ mtg5l-vr-jp-125.vcube.com (92 個) • サーバ構成変更のため IP アドレスを追加 20.44.134.234/255.255.255.255 52.140.239.167/255.255.255.255 52.155.118.74/255.255.255.255 52.155.118.101/255.255.255.255 52.155.118.143/255.255.255.255 20.44.133.237/255.255.255.255 52.155.118.151/255.255.255.255 52.155.118.153/255.255.255.255 20.44.132.158/255.255.255.255 20.44.135.5/255.255.255.255 • ブラウザ版をご利用の場合に必要な情報を追加 18.180.36.148/255.255.255.255 ~ 52.194.119.6/255.255.255.255 (100 個) mtg5-turn-scale-jp-86.vcube.com ~ mtg5-turn-scale-jp-185.vcube.com (100 個) • V-CUBE Box をご利用の場合に必要な設定にタイムサーバを追加 time.windows.com:123 (UDP)
2020/01/09	<ul style="list-style-type: none"> • CA 証明書参照先の記載を追加 crl.comodoca.com.cdn.cloudflare.net:80 crt.sectigo.com:80 sectigo.com:443 crl.sectigo.com:80 ocsp.sectigo.com:80 crl.usertrust.com:80 ocsp.usertrust.com:80
2019/11/14	<ul style="list-style-type: none"> • タイ接続拠点の情報を追加 147.50.134.106 /255.255.255.255 mtg5l-vr-th-02.vcube.com
2019/10/10	<ul style="list-style-type: none"> • 音声認識・翻訳機能（ベータ版）の利用に必要なドメイン名を追加 japaneast.s2s.speech.microsoft.com dsrh.vcube.com (FQDN で追加の場合のみ)

	<ul style="list-style-type: none"> 音声認識・翻訳機能（ベータ版）の利用で不要な以下ドメイン名を削除 datamarket.accesscontrol.windows.net api.cognitive.microsoft.com api.microsofttranslator.com dev.microsofttranslator.com ドキュメント体裁を変更 FQDN に関する情報を追加
2019/04/25	<ul style="list-style-type: none"> 音声認識・翻訳機能（ベータ版）の利用で必要なドメイン名を追加 api.cognitive.microsofttranslator.com
2019/02/28	<ul style="list-style-type: none"> 日本接続拠点の FQDN を追加 mtg5l-vr-jp-23.vcube.com ~ mtg5l-vr-jp-33.vcube.com 録画管理サーバの情報を追加 52.196.73.92/255.255.255.255 52.199.147.67/255.255.255.255 video-mgr-cif.vcube.com ブラウザ版をご利用の場合の情報を変更 録画再生サーバの FQDN を追加 mtg5l-video.vcube.com
2019/01/24	<ul style="list-style-type: none"> 日本接続拠点の FQDN を追加 mtg5l-vr-jp-20.vcube.com mtg5l-vr-jp-21.vcube.com mtg5l-vr-jp-22.vcube.com
2018/09/13	<ul style="list-style-type: none"> 日本接続拠点の FQDN を追加 mtg5l-vr-jp-17.vcube.com mtg5l-vr-jp-18.vcube.com mtg5l-vr-jp-19.vcube.com 障害発生時に利用する緊急退避用サーバの情報を追加 13.113.0.6/255.255.255.255 ~ 23.100.105.183/255.255.255.255 (19 個) dr-mtg5l.vcube.com ~ mtg5l-dr-vr-jp-15.vcube.com (20 個) ブラウザ版をご利用の場合の情報を追加 (ドメイン名、IP アドレス、FQDN)
2018/03/15	<ul style="list-style-type: none"> タイ接続拠点の IP アドレスを追加 202.129.206.22/255.255.255.255 mtg5l-vr-th-01.vcube.com
2018/03/01	<ul style="list-style-type: none"> サーバ構成変更のため情報を追加 13.73.17.114/255.255.255.255 13.73.18.27/255.255.255.255 mtg5l-cf.vcube.com mtg5l-wls.vcube.com
2018/01/11	<ul style="list-style-type: none"> 中国国内向けアプリダウンロードサーバの情報変更

	<p>v5.vcubeone.net 124.250.97.164/255.255.255.255</p>
2017/11/09	<ul style="list-style-type: none"> ・ 中国接続拠点の情報を追加 124.250.97.160/255.255.255.224 mtg5-vr-cn-04.vcube.com ・ インドネシア接続拠点の情報を追加 116.66.201.106/255.255.255.255 mtg5l-vr-id-01.vcube.com
2017/08/10	<ul style="list-style-type: none"> ・ 日本接続拠点の情報を追加 161.202.76.128/255.255.255.224 161.202.82.48/255.255.255.240 mtg5l-vr-jp-11.vcube.com mtg5l-vr-jp-12.vcube.com mtg5l-vr-jp-13.vcube.com mtg5l-vr-jp-14.vcube.com mtg5l-vr-jp-15.vcube.com mtg5l-vr-jp-16.vcube.com
2017/07/27	<ul style="list-style-type: none"> ・ 中国接続拠点の情報を追加 124.243.205.14/255.255.255.255 mtg5-vr-cn-02.vcube.com mtg5-vr-cn-03.vcube.com
2017/07/19	<ul style="list-style-type: none"> ・ サーバ追加のため情報追加 161.202.126.112/255.255.255.240 mtg5l-vr-jp-09.vcube.com mtg5l-vr-jp-10.vcube.com
2017/03/30	<ul style="list-style-type: none"> ・ CA 証明書参照先の記載を追加 ・ 音声認識・翻訳機能（ベータ版）の利用に必要なドメイン名を追加 api.cognitive.microsoft.com *.microsoft.com ・ ブラウザ版の利用に必要な設定を追加 ・ ドキュメント体裁を変更
2017/01/13	<ul style="list-style-type: none"> ・ テレビ会議連携サーバの IP アドレスを追加 61.213.11.192/255.255.255.192
2016/12/12	<ul style="list-style-type: none"> ・ 中国接続拠点の IP アドレスを変更 103.26.0.62/255.255.255.255
2016/12/06	<ul style="list-style-type: none"> ・ セキュリティ向上のための IP アドレス追加 52.185.156.114/255.255.255.255 52.185.158.64/255.255.255.255 52.185.156.41/255.255.255.255

	<p>52.185.155.189/255.255.255.255</p> <p>52.185.157.105/255.255.255.255</p> <p>52.185.158.179/255.255.255.255</p> <p>52.185.156.83/255.255.255.255</p> <p>52.185.158.17/255.255.255.255</p> <p>52.185.155.119/255.255.255.255</p> <p>52.185.157.186/255.255.255.255</p> <p>52.185.158.43/255.255.255.255</p> <p>52.185.159.253/255.255.255.255</p> <p>52.185.147.109/255.255.255.255</p> <p>52.185.144.182/255.255.255.255</p> <p>52.185.144.48/255.255.255.255</p> <p>52.185.151.100/255.255.255.255</p>
2016/11/03	<ul style="list-style-type: none"> 音声認識・翻訳機能（ベータ版）の利用に必要なドメイン名を追加
2016/09/29	<ul style="list-style-type: none"> V-CUBE ミーティング 5 のブラウザ版利用に必要な IP アドレスを追加 61.213.11.240/255.255.255.240 mtg5-rtc-jp-01.vcube.com - mtg5-rtc-jp-15.vcube.com
2016/06/09	<ul style="list-style-type: none"> 日本接続拠点を追加 mtg5l-vr-jp-05.vcube.com mtg5l-vr-jp-06.vcube.com mtg5l-vr-jp-07.vcube.com mtg5l-vr-jp-08.vcube.com
2016/04/21	<ul style="list-style-type: none"> タイ接続拠点の IP アドレスを追加 61.47.7.172/255.255.255.255 mtg5-vr-th-01.vcube.com
2016/03/28	<ul style="list-style-type: none"> 日本接続拠点の FQDN を追加 mtg5l-vr-jp-03.vcube.com mtg5l-vr-jp-04.vcube.com 録画管理サーバの IP アドレスを追加 61.213.11.242/255.255.255.255 video-mgr-02.vcube.com
2016/03/09	<ul style="list-style-type: none"> 中国接続拠点の IP アドレスを追加 119.254.113.64/255.255.255.255 mtg5-vr-cn-01.vcube.com
2016/02/12	<ul style="list-style-type: none"> V-CUBE Box ご利用時に必要な設定を追加
2016/01/07	<ul style="list-style-type: none"> テレビ会議接続用サーバの情報を追加 *.2192.jp 161.202.126.112/255.255.255.240 161.202.157.160/255.255.255.224

	<p>00.2192.jp 01.2192.jp</p> <ul style="list-style-type: none"> ・ アプリダウンロードサーバの情報を追加 <ul style="list-style-type: none"> *.vcube.com.cn *.vcubeone.net mtg51-dl.vcube.com meeting.vcube.com.cn meeting.vcubeone.net
2015/11/19	<ul style="list-style-type: none"> ・ 録画再生サーバの情報を追加 <ul style="list-style-type: none"> *.nice2meet.us 219.127.163.96/255.255.255.224 61.213.13.0/255.255.255.192 nakano101.fcs.nice2meet.us nakano105.fcs.nice2meet.us nakano107.fcs.nice2meet.us