

RICOH Unified
Communication
System

Data Center
IP address list

Ver.2.3

June, 2020

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- Term

Ricoh UCS : RICOH Unified Communication System

Ricoh VGS : Video Conference Gateway Service(Cloud Type)



1. Firewall Configuration

- Firewall Configuration using the server domain name or the range of server IP addresses

RICOH UCS		Domain Name	Port	IP Address range		
Server group necessary for a meeting	Outbound	ucs.ricoh.com	TCP:443,5222,17990,17992	159.8.251.240/28	52.196.157.62/32	52.198.197.52/32
Notice function			UDP:50000-65535	161.202.158.32/27	52.196.80.69/32	52.198.202.81/32
Service Status			161.202.234.0/27	52.196.97.204/32	52.44.118.205/32	
			169.47.17.96/27	52.197.111.140/32	52.45.212.202/32	
			52.1.149.179/32	52.198.145.108/32	52.54.13.83/32	
			52.192.175.188/32	52.198.196.28/32	52.68.161.242/32	
			169.56.76.192/27	52.196.101.70/32	54.178.173.89/32	
			169.56.79.0/27	52.196.97.16/32	54.178.205.194/32	
			52.76.240.179/32	52.198.230.114/32	54.178.217.111/32	
			52.221.76.251/32	52.199.199.34/32	54.64.162.118/32	
			13.112.149.93/32	52.199.219.159/32	54.64.51.44/32	
			13.113.122.6/32	52.199.238.172/32	54.64.89.159/32	
			13.113.170.53/32	52.68.231.83/32	54.65.112.35/32	
			13.113.171.71/32	52.69.33.43/32	54.65.116.47/32	
13.113.64.67/32	54.178.154.15/32	54.65.141.7/32				
52.193.241.191/32	54.178.155.212/32	54.65.170.229/32				
					54.65.73.220/32	
Update function (Only for Apps for Win, Mac)	Outbound	support.ricoh.com	TCP:80	*	IP address cannot be specified * for CDN use	
Help function (Only for Apps for Android)	Outbound	faq.ricoh.jp ricoh.com	TCP:80	*	IP address cannot be specified	
Notice function (Only for Apps for Android, iPad/iPhone)	Outbound	blog.ricoh.co.jp blog.ricoh.com	TCP:80	133.139.34.138		
RICOH VGS		Domain Name	Port	IP Address range		
Server group necessary for a meeting	Outbound	ucs.ricoh.com	TCP:443,17990,17992	161.202.156.224/27	161.202.234.0/27	169.47.17.96/27
			UDP:50000-65535	169.56.79.0/27	169.50.140.128/27	169.47.20.96/27
Server group necessary for a meeting	Inbound	ucs.ricoh.com	TCP: 1024-65535 UDP: 1024-65535	161.202.156.224/27 169.56.79.0/27	161.202.234.0/27 169.50.140.128/27	169.47.17.96/27 169.47.20.96/27



2. RICOH UCS: Server IP Address and Hostname list



2. RICOH UCS: Server IP Address and Hostname list 1/7

- Firewall Configuration using the server IP addresses
RICOH UCS Server(Outbound)

Host name	IP Address	Port Number	Purpose
ucs.ricoh.com	52.197.111.140 52.196.157.62	TCP: 443	Web tool
auth.ucs.ricoh.com	52.196.97.204 52.198.196.28	TCP: 443	Authentication
md.ucs.ricoh.com	52.198.197.52 52.196.80.69	TCP: 443	Authentication
check.jp01.ucs.ricoh.com	161.202.158.37 54.65.73.220 52.199.238.172	TCP: 443 TCP: 17990 TCP: 17992 UDP: 50000-65535	Check Tool
md.jp01.ucs.ricoh.com *.md.jp01.ucs.ricoh.com	52.198.202.81 52.198.145.108	TCP: 443	UI,update etc.
api.jp01.ucs.ricoh.com udc.jp01.ucs.ricoh.com	52.68.161.242 52.192.175.188	TCP: 443 TCP: 5222	Call control Notice
check.us01.ucs.ricoh.com	169.47.17.101	TCP: 443 TCP: 17990 TCP: 17992 UDP: 50000-65535	Check Tool
md.us01.ucs.ricoh.com *.md.us01.ucs.ricoh.com	52.54.13.83 52.45.212.202	TCP: 443	UI,update etc.
api.us01.ucs.ricoh.com udc.us01.ucs.ricoh.com	52.1.149.179 52.44.118.205	TCP: 443 TCP: 5222	Call control



2. RICOH UCS: Server IP Address and Hostname list 2/7

Host name	IP Address	Port Number	Purpose
check.eu01.ucs.ricoh.com	159.8.251.245	TCP: 443 TCP: 17990 TCP: 17992 UDP: 50000-65535	Check Tool
conference-status.jp01.ucs.ricoh.com	52.76.240.179 52.221.76.251	TCP: 443	Service Status
support.ricoh.com	*	TCP: 80	IP address cannot be specified * for CDN use
faq.ricoh.jp	*	TCP:80	Help function IP address cannot be specified
ricoh.com			
blog.ricoh.co.jp	133.139.34.138	TCP:80	Notice function
blog.ricoh.com			
vm000.jp01.ucs.ricoh.com	54.65.112.35	TCP: 443 TCP: 17992	Video and sound routing
vm001.jp01.ucs.ricoh.com	52.199.219.159	TCP: 443 TCP: 17992	Video and sound routing
vm002.jp01.ucs.ricoh.com	52.68.231.83	TCP: 443 TCP: 17992	Video and sound routing
vm003.jp01.ucs.ricoh.com - vm004.jp01.ucs.ricoh.com	169.56.76.198-199	TCP: 443 TCP: 17992	Video and sound routing



2. RICOH UCS: Server IP Address and Hostname list 3/7

Host name	IP Address	Port Number	Purpose
vp000.jp01.ucs.ricoh.com	13.113.171.71	TCP: 443	Video and sound routing
vp001.jp01.ucs.ricoh.com	54.65.116.47	TCP: 443	Video and sound routing
vp002.jp01.ucs.ricoh.com	54.178.154.15	TCP: 443	Video and sound routing
vp003.jp01.ucs.ricoh.com - vp004.jp01.ucs.ricoh.com	169.56.76.200	TCP: 443	Video and sound routing
vr0001.jp01.ucs.ricoh.com	52.196.101.70	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing
vr0002.jp01.ucs.ricoh.com	54.64.51.44	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing
vr0003.jp01.ucs.ricoh.com	54.178.155.212	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing
vr1001.jp01.ucs.ricoh.com	54.65.170.229	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing
vr1002.jp01.ucs.ricoh.com	52.196.97.16	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing
vr1003.jp01.ucs.ricoh.com	52.198.230.114	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing



2. RICOH UCS: Server IP Address and Hostname list 4/7

Host name	IP Address	Port Number	Purpose
vr1004.jp01.ucs.ricoh.com	52.199.199.34	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing
vr1005.jp01.ucs.ricoh.com	13.113.170.53	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing
vr1006.jp01.ucs.ricoh.com	13.112.149.93	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing
vr1007.jp01.ucs.ricoh.com	52.69.33.43	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing
vr1008.jp01.ucs.ricoh.com	54.178.173.89	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing
vr2001.jp01.ucs.ricoh.com	54.178.205.194	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing
vr2002.jp01.ucs.ricoh.com	13.113.122.6	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing

2. RICOH UCS: Server IP Address and Hostname list 5/7

Host name	IP Address	Port Number	Purpose
vr2003.jp01.ucs.ricoh.com	54.65.141.7	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing
vr2004.jp01.ucs.ricoh.com	54.178.217.111	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing
vr2005.jp01.ucs.ricoh.com	52.193.241.191	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing
vr2006.jp01.ucs.ricoh.com	13.113.64.67	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing
vr2007.jp01.ucs.ricoh.com	54.64.89.159	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing
vr2008.jp01.ucs.ricoh.com	54.64.162.118	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing
vr3001.jp01.ucs.ricoh.com - vr3006.jp01.ucs.ricoh.com	169.56.76.203-208	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing
vr4001.jp01.ucs.ricoh.com - vr4006.jp01.ucs.ricoh.com	169.56.76.209-214	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing



2. RICOH UCS: Server IP Address and Hostname list 6/7

Host name	IP Address	Port Number	Purpose
vm005.jp01.ucs.ricoh.com - vm007.jp01.ucs.ricoh.com	161.202.158.38-40	TCP: 443 TCP: 17992	Video and sound routing
vp005.jp01.ucs.ricoh.com - vp007.jp01.ucs.ricoh.com	161.202.158.41	TCP: 443	Video and sound routing
vr5001.jp01.ucs.ricoh.com - vr5006.jp01.ucs.ricoh.com	161.202.158.45-50	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing
vr6001.jp01.ucs.ricoh.com - vr6006.jp01.ucs.ricoh.com	161.202.158.51-56	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing
vr7001.jp01.ucs.ricoh.com - vr7006.jp01.ucs.ricoh.com	161.202.158.57-62	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing
vm001.us01.ucs.ricoh.com - vm002.us01.ucs.ricoh.com	169.47.17.102-103	TCP: 443 TCP: 17992	Video and sound routing
vp001.us01.ucs.ricoh.com - vp002.us01.ucs.ricoh.com	169.47.17.104	TCP: 443	Video and sound routing
vr1001.us01.ucs.ricoh.com - vr1006.us01.ucs.ricoh.com	169.47.17.107-112	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing
vr2001.us01.ucs.ricoh.com - vr2006.us01.ucs.ricoh.com	169.47.17.113-118	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing



2. RICOH UCS: Server IP Address and Hostname list 7/7

Host name	IP Address	Port Number	Purpose
vm005.us01.ucs.ricoh.com - vm006.us01.ucs.ricoh.com	159.8.251.246-247	TCP: 443 TCP: 17992	Video and sound routing
vp005.us01.ucs.ricoh.com - vp006.us01.ucs.ricoh.com	159.8.251.248	TCP: 443	Video and sound routing
vr5001.us01.ucs.ricoh.com - vr5002.us01.ucs.ricoh.com	159.8.251.249-250	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing
vr6001.us01.ucs.ricoh.com - vr6002.us01.ucs.ricoh.com	159.8.251.251-252	TCP: 443 TCP: 17990 UDP: 50000-65535	Video and sound routing
vl001.jp01.ucs.ricoh.com	169.56.79.29	TCP: 443 TCP: 17992	Licensing
vl002.jp01.ucs.ricoh.com	161.202.234.29	TCP: 443 TCP: 17992	Licensing
vlp001.jp01.ucs.ricoh.com	169.56.79.30	TCP: 443	Licensing
vlp002.jp01.ucs.ricoh.com	161.202.234.30	TCP: 443	Licensing



3. RICOH VGS: Server IP Address and Hostname list





3. RICOH VGS Outbound 1/2

- Firewall Configuration using the server IP addresses

RICOH VGS Server(Outbound)

If the customer don't use the RICOH VGS, this configuration is not necessary.

Host name	IP Address	Port Number		Purpose
svgs0000-vm.jp01.ucs.ricoh.com	161.202.156.246	TCP: 443 TCP: 17992	Outbound	Video and sound routing
svgs0000-vp.jp01.ucs.ricoh.com	161.202.156.247	TCP: 443	Outbound	Video and sound routing
svgs0000-vr001.jp01.ucs.ricoh.com	161.202.156.249	TCP: 443 TCP: 17990 UDP: 50000-65535	Outbound	Video and sound routing
svgs0000-vm.us01.ucs.ricoh.com	169.47.17.119	TCP: 443 TCP: 17992	Outbound	Video and sound routing
svgs0000-vp.us01.ucs.ricoh.com	169.47.17.120	TCP: 443	Outbound	Video and sound routing
svgs0000-vr001.us01.ucs.ricoh.com	169.47.17.122	TCP: 443 TCP: 17990 UDP: 50000-65535	Outbound	Video and sound routing



3. RICOH VGS Outbound 2/2

- Firewall Configuration using the server IP addresses

RICOH VGS Server(Outbound)

If the customer don't use the RICOH VGS, this configuration is not necessary.

Host name	IP Address	Port Number		Purpose
svgs0001-vm.jp01.ucs.ricoh.com	169.56.79.19	TCP: 443 TCP: 17992	Outbound	Video and sound routing
svgs0001-vp.jp01.ucs.ricoh.com	169.56.79.20	TCP: 443	Outbound	Video and sound routing
svgs0001-vr001.jp01.ucs.ricoh.com - svgs0001-vr002.jp01.ucs.ricoh.com	169.56.79.22-23	TCP: 443 TCP: 17990 UDP: 50000-65535	Outbound	Video and sound routing
svgs0002-vm.jp01.ucs.ricoh.com	161.202.234.17	TCP: 443 TCP: 17992	Outbound	Video and sound routing
svgs0002-vp.jp01.ucs.ricoh.com	161.202.234.18	TCP: 443	Outbound	Video and sound routing
svgs0002-vr001.jp01.ucs.ricoh.com - svgs0002-vr002.jp01.ucs.ricoh.com	161.202.234.22-23	TCP: 443 TCP: 17990 UDP: 50000-65535	Outbound	Video and sound routing
svgs0001-vm.us01.ucs.ricoh.com	169.47.20.113	TCP: 443 TCP: 17992	Outbound	Video and sound routing
svgs0001-vp.us01.ucs.ricoh.com	169.47.20.114	TCP: 443	Outbound	Video and sound routing
svgs0001-vr001.us01.ucs.ricoh.com - svgs0001-vr002.us01.ucs.ricoh.com	169.47.20.118-119	TCP: 443 TCP: 17990 UDP: 50000-65535	Outbound	Video and sound routing
svgs0002-vm.us01.ucs.ricoh.com	169.50.140.145	TCP: 443 TCP: 17992	Outbound	Video and sound routing
svgs0002-vp.us01.ucs.ricoh.com	169.50.140.146	TCP: 443	Outbound	Video and sound routing
svgs0002-vr001.us01.ucs.ricoh.com - svgs0002-vr002.us01.ucs.ricoh.com	169.50.140.150-151	TCP: 443 TCP: 17990 UDP: 50000-65535	Outbound	Video and sound routing



3. RICOH VGS Inbound

- Firewall Configuration using the server IP addresses

RICOH VGS Server(Inbound)

If the customer don't use the RICOH VGS, this configuration is not necessary.

Host name	IP Address	Port Number		Purpose
svgs0000-vg.jp01.ucs.ricoh.com	161.202.156.250	TCP: 1024-65535 UDP: 1024-65535	Inbound	Video and sound routing
svgs0000-vg001.jp01.ucs.ricoh.com - svgs0000-vg002.jp01.ucs.ricoh.com	161.202.156.251-252	TCP: 1024-65535 UDP: 1024-65535	Inbound	Video and sound routing
svgs0000-vg.us01.ucs.ricoh.com	169.47.17.123	TCP: 1024-65535 UDP: 1024-65535	Inbound	Video and sound routing
svgs0000-vg001.us01.ucs.ricoh.com - svgs0000-vg002.us01.ucs.ricoh.com	169.47.17.124-125	TCP: 1024-65535 UDP: 1024-65535	Inbound	Video and sound routing
svgs0001-vg.jp01.ucs.ricoh.com	169.56.79.24	TCP: 1024-65535 UDP: 1024-65535	Inbound	Video and sound routing
svgs0001-vg001.jp01.ucs.ricoh.com - svgs0001-vg004.jp01.ucs.ricoh.com	169.56.79.25-28	TCP: 1024-65535 UDP: 1024-65535	Inbound	Video and sound routing
svgs0002-vg.jp01.ucs.ricoh.com	161.202.234.24	TCP: 1024-65535 UDP: 1024-65535	Inbound	Video and sound routing
svgs0002-vg001.jp01.ucs.ricoh.com - svgs0002-vg004.jp01.ucs.ricoh.com	161.202.234.25-28	TCP: 1024-65535 UDP: 1024-65535	Inbound	Video and sound routing
svgs0001-vg.us01.ucs.ricoh.com	169.47.20.120	TCP: 1024-65535 UDP: 1024-65535	Inbound	Video and sound routing
svgs0001-vg001.us01.ucs.ricoh.com - svgs0001-vg004.us01.ucs.ricoh.com	169.47.20.121-124	TCP: 1024-65535 UDP: 1024-65535	Inbound	Video and sound routing
svgs0002-vg.us01.ucs.ricoh.com	169.50.140.152	TCP: 1024-65535 UDP: 1024-65535	Inbound	Video and sound routing
svgs0002-vg001.us01.ucs.ricoh.com - svgs0002-vg004.us01.ucs.ricoh.com	169.50.140.153-156	TCP: 1024-65535 UDP: 1024-65535	Inbound	Video and sound routing



Appendix: Summary of IP address change



Appendix: Revision History

■ Revision History

Date	Version	Overview												
2015/12/10	Ver1.0	Combine RICOH UCS Server list and RICOH VGS Server list												
2016/04/22	Ver1.1	IP Address added.												
2016/10/21	Ver.2.0	IP Address added and deleted.												
2017/03/31	Ver.2.1	IP Address added and deleted.												
2017/04/21	Ver.2.1.1	Corrected the IP addresses(133.139.55.0/24) information which had been missing from Appendix "Ver.2.1".												
2018/03/16	Ver.2.2	Port and Domain information updated.												
2020/06/15	Ver.2.3	<p>Deleted "au01" subnet and IP address due to DC optimization.</p> <p>The following subnets will be deleted on July 13, 2020. 168.1.97.224/27</p> <p>The following subnets will be deleted on July 13, 2020.</p> <table border="1"> <thead> <tr> <th>Host name</th> <th>IP Address</th> </tr> </thead> <tbody> <tr> <td>check. au01. ucs. ricoh. com</td> <td>168. 1. 97. 237</td> </tr> <tr> <td>vm001. au01. ucs. ricoh. com - vm002. au01. ucs. ricoh. com</td> <td>168. 1. 97. 238-239</td> </tr> <tr> <td>vp001. au01. ucs. ricoh. com - vp002. au01. ucs. ricoh. com</td> <td>168. 1. 97. 242</td> </tr> <tr> <td>vr1001. au01. ucs. ricoh. com - vr1004. au01. ucs. ricoh. com</td> <td>168. 1. 97. 247-250</td> </tr> <tr> <td>vr2001. au01. ucs. ricoh. com - vr2004. au01. ucs. ricoh. com</td> <td>168. 1. 97. 251-254</td> </tr> </tbody> </table>	Host name	IP Address	check. au01. ucs. ricoh. com	168. 1. 97. 237	vm001. au01. ucs. ricoh. com - vm002. au01. ucs. ricoh. com	168. 1. 97. 238-239	vp001. au01. ucs. ricoh. com - vp002. au01. ucs. ricoh. com	168. 1. 97. 242	vr1001. au01. ucs. ricoh. com - vr1004. au01. ucs. ricoh. com	168. 1. 97. 247-250	vr2001. au01. ucs. ricoh. com - vr2004. au01. ucs. ricoh. com	168. 1. 97. 251-254
Host name	IP Address													
check. au01. ucs. ricoh. com	168. 1. 97. 237													
vm001. au01. ucs. ricoh. com - vm002. au01. ucs. ricoh. com	168. 1. 97. 238-239													
vp001. au01. ucs. ricoh. com - vp002. au01. ucs. ricoh. com	168. 1. 97. 242													
vr1001. au01. ucs. ricoh. com - vr1004. au01. ucs. ricoh. com	168. 1. 97. 247-250													
vr2001. au01. ucs. ricoh. com - vr2004. au01. ucs. ricoh. com	168. 1. 97. 251-254													

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