

RAS and RM servers for PBX and linkus client network

In sensitive parts of the government, banking systems, transaction centres, data centres, are vulnerable to network attacks, almost network administrators take some network restriction measures to avoid damage caused by attacks, but not possible to completely isolate the external network, they greatly wish RAS/FQDN service to run properly so employees who are travelling or off duty are still possible to make calls from linkus app, ensuring call service is smooth. This is quite same for linkus client network, both have to add whitelist servers and ports to each firewall.

This article mainly lists the required servers, protocols and ports respectively for P-Series PBX and linkus client networks, you don't have to add servers for linkus client network if it is not restricted.

RAS and RM servers for PBX network

In case some firewall is not possible to add domain in whitelist, have to nslookup each domain from pbx in normal network and add all IPs to firewall once not only one ip for one domain in nslookup result. For servers without a specified domain name, like 'PBX DNS server', you need to check the specific pbx settings, which may vary from client to client, afterward nslookup for the ip address corresponding to the domain name, do not have to allow custom email service if doesn't configure it.

SERVERS	PORTS	PROTOCOLS
PBX DNS server	53	UDP
NTP Server	123	UDP
active.yeastar.com	443	TCP
lcsd.yeastar.com	443	TCP
162.62.27.79	443, 5001-65535	UDP&TCP
Yeastar smtp server check here	443	TCP
custom smtp server	25, 587/465 for tls	TCP
custom pop server	110, 995/993 for tls	TCP
api.push.apple.com	443	TCP
fcm.googleapis.com	443	TCP
linkus-im.yeastar.com	443	TCP
ycm.yeastar.com	443, 11006	TCP

RAS servers for Linkus client network

For IM Server, it is dynamic servers and do not have designated IPs while provides required target ports, only have to allow to access those TCP ports in firewall, ignore those ports if doesn't require chat service in linkus app.

SERVERS	PORTS	PROTOCOLS
Local DNS server	53	UDP
lcsd.yeastar.com	443	TCP
162.62.27.79	443, 5001-65535	UDP&TCP
IM Server	80, 443, 8000, 8080, 8083, 9090, 9092, 10000	TCP