

S.no	Type	Protocol	Port Range	Description
1	Custom TCP	TCP	49152-65535	Transmission Control Protocol (TCP) connection between the client and your back-end instance, through the load balancer
2	Custom UDP	UDP	49152-65535	User Datagram Protocol (UDP) is a communications protocol that is primarily used to establish low-latency and loss-tolerating connections between applications on the internet
3	Custom ICMP-IPV4	Echo reply	N/A	ICMP is used by a device, like a router, to communicate with the source of a data packet about transmission issues
4	Custom ICMP-IPV6	IPV6 ICMP	All	ICMP in IPv6 functions the same as ICMP in IPv4. ICMP for IPv6 generates error messages, such as ICMP echo request and reply messages.
5	Custom Protocol	TCP	All	In order to extend the number of IP address
6	All TCP	UDP	0-65535	TCP is a connection-oriented protocol, meaning that it establishes a connection between two devices before transferring data, and maintains that connection throughout the transfer process. TCP uses a three-way Handshake to transmit the data.
7	All UDP	ICMP	0-65535	UDP is a connectionless protocol. It uses internet to transfer the data packets.
8	All ICMP-IPV4	IPV6 ICMP	0-65535	It is an error reporting protocol. Send the messages about state of transfer
9	All ICMP-IPV6	All	All	It is used as error messages and information messages. Also gives check sum.
10	All Traffic	TCP	0-65535	It accepts all the inbound and out bound traffic with any protocol.
11	SSH	TCP	22	The SSH protocol is a method for secure remote login from one computer to another. It uses client-server model, to establish connection between SSH client and to the SSH server.

12	SMTP	UDP	25	It is a protocol used for sending messages to other computer users based on email addresses. It provides a mail exchange between users on the same or different computers.
13	DNS(UDP)	TCP	53	DNS uses the User Datagram Protocol (UDP) on port 53 to serve DNS queries. The Domain Network System (DNS) protocol helps Internet users and network devices discover websites using human-readable hostnames, instead of numeric IP addresses.
14	DNS(TCP)	TCP	53	The DNS uses TCP Port 53 for zone transfers, for maintaining coherence between the DNS database and the server. Hypertext Transfer Protocol (HTTP) is an application-layer protocol for transmitting hypermedia documents, such as HTML. It was designed for communication between web browsers and web servers.
15	HTTP	TCP	80	Hypertext Transfer Protocol (HTTP) is an application-layer protocol for transmitting hypermedia documents, such as HTML. It was designed for communication between web browsers and web servers.
16	POP3	TCP	110	Post Office Protocol 3, or POP3, is the most commonly used protocol for receiving email over the internet. POP3 retrieves and organizes emails from the receiver's mail server to the receiver's computer.
17	IMAP	TCP	143	It is an application layer protocol which is used to receive the emails from the mail server.

18	LDAP	TCP	389	Lightweight Directory Access Protocol (LDAP) is an internet protocol works on TCP/IP, used to access information from directories.
19	HTTPS	TCP	443	Hypertext transfer protocol secure (HTTPS) is the secure version of HTTP.
20	SMB	TCP	445	SMB protocol is a client-server communication protocol used for sharing access to files, printers, serial ports and other resources on a network.SMB protocol enables applications and their users to access files on remote servers, as well as connect to other resources, including printers, mail slots and named pipes.
21	SMTS	TCP	465	SMTPS (Simple Mail Transfer Protocol Secure) is a method for securing the SMTP using transport layer security. This a protocol for sending email messages between servers.
22	IMAPS	TCP	993	It is an application layer protocol which is used to receive the emails from the mail server.
23	POP3S	TCP	995	POP3S server communication is performed over the Secure Sockets Layer (SSL) on alternate port 995.
24	MS SQL	TCP	1433	The MS SQL protocol is used by the Microsoft SQL Server platform -a relational database management system developed by Microsoft.
25	NFS	TCP	3306	Used to manage database and servers.
26	MYSQL/Aurora	TCP	2049	It is used to store files over a network.
27	RDP	TCP	3389	Provide access to the remote network.

28	REDSHIFT	TCP	5439	Dataware house to store large amount of data.
29	POSTGRESQL	TCP	5432	For multiple tasks and many applications.
30	Oracle-RDS	TCP	1521	Amazon RDS for Oracle is a fully managed commercial database that makes it easy to set up, operate, and scale Oracle deployments in the cloud.
31	WINRM-HTTP	TCP	5985	It is a transmission tool.
32	WINRM-HTTPS	TCP	5986	To encrypt the data being sent across the wire.
33	ELASTIC GRAPHICS	TCP	2007	It is used to accelerate the launch wizard.