

## FAQs

## What if the data node fails?

It might sound surprising but, yes! Even if some of the datanodes fail, your files are absolutely safe and available. So, how does this happen? Well, when you upload any data or file to the cluster, it gets **striped into blocks** and distributed to the data nodes. At the same time, the **replication** of the file is stored in other datanodes. Now, the control is one hundred percent in your hand to create as many replications as you want!! Yes, you are the client and you will decide and number of replications.

When any of the datanode fails, your file gets shifted to the replicated node, and it remains available and safe!

[illegible]

## Is my data secure?

Your data is secure and we have taken complete care of it. In AWS security group, we have edited the **inbound traffic**. This means that we have **allowed only specific IPs** to our cluster. Also, the **one client can only read other client's data and not edit or delete it in any ways**. Hence, this easy to manage voice control storage is completely secure too!

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6 Permission entries

1 Permission entry

Inbound rules

Outbound rules

Tags

Inbound rules

Edit inbound rules

Type	Protocol	Port range	Source	Description - optional
All traffic	All	All	202.78.233.203/32	for putty access to master node
All traffic	All	All	35.173.131.146/32	datanode 1
All traffic	All	All	52.91.255.122/32	client 1
All traffic	All	All	13.233.111.93/32	datanode 2
All traffic	All	All	54.145.185.5/32	datanode 3
All traffic	All	All	3.90.84.235/32	client 2