

## #

Random

Rand module allows you to post a random number request to the IRIS Hub and query the random numbers or the pending random number requests.

## #

Available Commands

Name Description [request](#) Request a random number with an optional block interval [random](#) Query the generated random number by the request id [queue](#) Query the pending random number requests with an optional height

## #

iris tx random request

Request a random number.

iris tx random request [ flags ] Flags:

Name, shorthand Type Required Default Description --block-interval uint64 true 10 The block interval after which the requested random number will be generated --oracle bool

false Whether to use the oracle method --service-fee-cap string

"" Max service fee, required if "oracle" is true

## #

Request a random number

Post a random number request to the IRIS Hub, the random number will be generated after --block-interval blocks.

## without oracle

iris tx random request --block-interval= 100 --from = < key-name> --chain-id= irishub--fees = 0 .3iris# with oracle iris tx random request --block-interval= 100 --oracle = true --service-fee-cap= 1iris--from = < key-name> --chain-id= irishub--fees = 0 .3iris TIP

You will get a unique request id if the tx is committed, which can be used to query the status of the request. You can also [query the tx detail](#) to get the request id.

## #

iris query random random

Query the generated random number by the request id.

iris query random random< request-id> [ flags]

## #

iris query random queue

Query the pending random number requests with an optional block height.

iris query random queue< gen-height> [ flags]

## #

Query random number request queue

Query the pending random number requests with an optional block height at which random numbers will be generated or request service.

iris query random queue100000