

ESS Sizing Calculator

Use this tool to understand the recommended resources for your desired ESS configuration.

Use this tool to understand the required / recommended resources for your desired ESS configuration.

Deployment

Show / Hide

Deployment Type:

Federation Type:

Monthly Active Users:

1

MAU Range:

Avg. Media Size (M):

1

Avg. Media / Day / User:

1

Media Retention:

Media Retention Days:

0

Base

Show / Hide

Name

imageName

Enabled

Standalone

microk8s

Enabled

Admin UI

synapseAdminUI

Enabled

Element Web Client

elementWeb

Enabled

Well-Known Webserver

wellknownDelegation

Enabled

Synapse

synapse

Enabled

VOIP

Show / Hide

Jitsi

jitsi

Element Call

elementCall

livekit

ElementX

Show / Hide

Matrix Authentication Service

matrixAuthenticationService

Sliding Sync

slidingSync

Auditing

Show / Hide

AuditBot

pipe

AdminBot

pipe

Data Sovereignty & Security

Show / Hide

Identity Server

sydent

Secure Border Gateway

secureBorderGateway

Matrix Content Scanner

matrixContentScanner

Push Gateway

signal

Integrations

Show / Hide

Webhook Integrations

hookshot

GroupSync

groupsync

Integrator

integrator

Enabled

Bridges

Show / Hide

SIP Bridge

sipbridge

XMPP Bridge

bifrost

IRC Bridge

ircbridge

Telegram Bridge

mautrixTelegram

Skype Bridge

skypeForBusinessBridge

WhatsApp Bridge

mautrixWhatsapp

Minimum Resources

vCPU (Cores)

Memory (MiB)

TOTAL

| | |
|--|---|
| | 0 |
|--|---|

| | |
|--|---|
| | 0 |
|--|---|

Recommended Resources

vCPU (Cores)

Memory (MiB)

TOTAL

| | |
|--|---|
| | 0 |
|--|---|

| | |
|--|---|
| | 0 |
|--|---|

Resource Breakdown

Show / Hide

vCPU (Cores)

Memory (MiB)

Components

| | |
|--|---|
| | 0 |
|--|---|

| | |
|--|---|
| | 0 |
|--|---|

Postgres in Cluster

| | |
|--|---|
| | 0 |
|--|---|

| | |
|--|---|
| | 0 |
|--|---|

Operator + Updater

| | |
|--|---|
| | 0 |
|--|---|

| | |
|--|---|
| | 0 |
|--|---|

microk8s

| | |
|--|---|
| | 0 |
|--|---|

| | |
|--|---|
| | 0 |
|--|---|