

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:

MAU Range:

Avg. Media Size (M):

Avg. Media / Day / User:

Media Retention:

Media Retention Days:

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

Recommended Resources

vCPU (Cores)

Memory (MiB)

TOTAL

Resource Breakdown

Show / Hide

vCPU (Cores)

Memory (MiB)

Components

Postgres in Cluster

Operator + Updater

microk8s

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