

## SB Connectivity Veeam for Office 365 - S3

This manual gives instructions for connecting the Silent Brick System with Veeam for Office 365.

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# #1 Backup and Recovery Microsoft Office 365

Veeam Backup for Microsoft Office 365

SB Connectivity Veeam for Offi...

## INTRODUCTION

This manual shows the instruction for connecting the Silent Brick System with Veeam for Office 365

This guide is tested with the Silent Brick System Version 2.33

### Step 1 — General Information



## (i) Installation and Connectors

Installation and electrical connection as well as network connection are to be done as described in the manual Installation

(i) Network Adjustments The network settings are to be adjusted as described in the manual Installation

#### Step 2 — SNAS - Volume Setup

Welcome  Kesources  Controllers  Shelves  IIII Bricks	
Volumes  Volumes  Archives  Ketwork  Sconnections  Users  Notifications  Miscellaneous  MB	SNAS Y Encrypt Volume Triple Parity Y Use compression Case Sensitive Optimize for Large Files
<ul> <li>SNMP</li> <li>Services</li> <li>System Status</li> <li>Overview</li> <li>Support Area</li> <li>Statistics</li> <li>History</li> </ul>	Cancel

The settings of this volume differ from settings for a Backup to disk repository which uses Large File Optimization and probably no Audit.

- Create a new Volume of type 'SNAS' with a parity of 3 or 2
  - Compression is recommended for the capacity tier
  - Disable Large-File Optimization since Veeam will split data into smaller object for S3
  - (i) For higher redundancy a parity level of 3 is recommended

## Step 3 — SNAS - S3 Share setup

Control         State         <			Nare      LA M MS Share      LA Ad SS Share      Lenson      La Ad SS Share      Lenson      La Ad SS Share      Lenson      Copies     NS Path     NS Path     NS Path     NS Path     NS Path
Add S3 Share  Please enter name and configuration for this share.  Pare Name: Capacity/fir Access Key: SomeAccessKey SomeAccessK	Volume/Path A VeeamRepository/CapacityTier	Type Name S3 CanacityTier Manage Buckets Edit Remove	

- In your volume navigate to the Shares section
- Choose "Add S3 Share"
- Enter a Share Name
- Enter credentials for accessing the S3 layer
- The Port will be automatically increased for each new S3 instance
- Write down the Access Point URL.
- Right-Click on the S3 Share and choose "Manage Buckets"
- Create a new Bucket for use with Veeam

#### Step 4 — Optional: Add custom Certificates

✓ ☆ Settings	Custom SSL-Certificate:				
Network	NIC	SSL-Certificate	Yes		
Lusers Notifications Miscellaneous	Global NIC Settings	Okobal NIC Settings     Okobal NIC Settings     Default Gateway:     DNS Server 1 (IP+4/IP+6):     DNS Server 2 (IP+4/IP+6):     management	SSL-Certificate SSL-Certificate Please provide at least a private key and a certificate as file or as text. If you kave all fields empty the SSL-certificate is reseted to system default.		
Image: SMB         SNMP         Services         System Status         Overview         Support Area         Statistics         History	DNS Server 1 (IPv4/IPv6):		Upload certificate files Private Key: Certificate: CA Certificate:	Please select a private key file (*.key) Please select a certificate file (*.crt) Please select a certificate chain file (*-cs.crt)	Browse Browse Browse
	TCP/IP(v4) Configured by DHCP: IPv4 Address:	TCPRP(v4) Configured by DHCP: IPv4 Address: Subuet Mask:     TCPrIP(v6) Router: IPv6 Address:     Link Parameters Bonding Mode:	Upload certificate as text		
	Subnet Mask: TCP/IP(v6) Router:	inxei		Reset Cancel	Save

- Since S3 communicates via HTTPs, certificates are being used. In order to update the SSL certificate of the Silent Brick System proceed as follows:
  - Navigate to Settings -> Network
  - Select "Edit" for "Custom SSL Certificate" and upload your own certificates.
- (i) Certificates may be generated manually or via services like Lets Encrypt
- Supported certificate types are SSL certificates including the private key and the signing certificate authority.

A Certificates with passphrase are not supported.

#### Step 5 — SNAS - Veeam for Office 365 setup



- Add a new repository of type 'Object Storage' 'S3 Compatible'
- Enter the Service Point URL previously noted
- Enter the credentials as defined for the S3 Share
- Select the previously created bucket
- Add a folder to the bucket
- Veeam for Office 365 will need a local storage for caching data. A rough size should be set to around 1% of total backup needs