



# Bindings

## Element Software

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# Table of Contents

Bindings ..... 1  
    Bindings details ..... 1

# Bindings

To perform I/O operations with a virtual volume, an ESXi host must first bind the virtual volume.

The SolidFire cluster chooses an optimal protocol endpoint, creates a binding that associates the ESXi host and virtual volume with the protocol endpoint, and returns the binding to the ESXi host. After it is bound, the ESXi host can perform I/O operations with the bound virtual volume.

## Bindings details

The Bindings page on the VVols tab provides binding information about each virtual volume.

The following information is displayed:

- **Host ID**

The UUID for the ESXi host that hosts virtual volumes and is known to the cluster.

- **Protocol Endpoint ID**

Protocol endpoint IDs that correspond to each node in the SolidFire cluster.

- **Protocol Endpoint in Band ID**

The SCSI NAA device ID of the protocol endpoint.

- **Protocol Endpoint Type**

The protocol endpoint type.

- **VVol Binding ID**

The binding UUID of the virtual volume.

- **VVol ID**

The universally unique identifier (UUID) of the virtual volume.

- **VVol Secondary ID**

The secondary ID of the virtual volume that is a SCSI second level LUN ID.

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