

- ▶ VLAN tagging by default is disabled for any IP address of a node port. You can use the CLI or GUI to optionally set the VLAN ID for port IPs on both systems in the IP partnership.
- ▶ When a VLAN ID is configured for the port IP addresses that are used in remote copy port groups, appropriate VLAN settings on the Ethernet network must also be configured to prevent connectivity issues.

Setting VLAN tags for a port is disruptive. Therefore, VLAN tagging requires that you stop the partnership first before you configure VLAN tags. Restart the partnership after the configuration is complete.

11.8.5 IP partnership and terminology

The IP partnership terminology and abbreviations that are used are listed in Table 11-12.

Table 11-12 Terminology for IP partnership

IP partnership terminology	Description
Remote copy group or Remote copy port group	The following numbers group a set of IP addresses that are connected to the same physical link. Therefore, only IP addresses that are part of the same remote copy group can form remote copy connections with the partner system: <ul style="list-style-type: none"> ▶ 0: Ports that are not configured for remote copy ▶ 1: Ports that belong to remote copy port group 1 ▶ 2: Ports that belong to remote copy port group 2 Each IP address can be shared for iSCSI host attach and remote copy functionality. Therefore, appropriate settings must be applied to each IP address.
IP partnership	Two systems that are partnered to perform remote copy over native IP links.
FC partnership	Two systems that are partnered to perform remote copy over native FC links.
Failover	Failure of a node within an I/O group causes the volume access to go through the surviving node. The IP addresses fail over to the surviving node in the I/O group. When the configuration node of the system fails, management IPs also fail over to an alternative node.
Failback	When the failed node rejoins the system, all failed over IP addresses are failed back from the surviving node to the rejoined node, and volume access is restored through this node.
linkbandwidthmbits	Aggregate bandwidth of all physical links between two sites in Mbps.
IP partnership or partnership over native IP links	These terms are used to describe the IP partnership feature.
Discovery	Process by which two IBM Spectrum Virtualize systems exchange information about their IP address configuration. For IP-based partnerships, only IP addresses configured for Remote Copy are discovered. For example, the first Discovery takes place when the user is running the <code>mkippartnership</code> CLI command. Subsequent Discoveries can take place as a result of user activities (configuration changes) or as a result of hardware failures (for example, node failure, ports failure, and so on).