EMC POWERPATH MIGRATION ENABLER

Non-disruptive data migrations with no planned application downtime

EMC® PowerPath® Migration Enabler leverages the same underlying technology as EMC PowerPath to enable data mobility technologies to perform data migrations without application downtime. PowerPath Migration Enabler insulates hosts from changes in the storage infrastructure and enables non-disruptive large-scale data movement using Host Copy, EMC Open Replicator, and EMC TimeFinder®/Clone. It manages host impact through throttling and the ability to pause/resume data movement, and supports migrations to virtually provisioned logical units.

PowerPath Migration Enabler keeps source and target LUNs synchronized by cloning new application writes while bulk data is non-disruptively moved in the background. PowerPath Migration Enabler performs thick-to-thin and thin-to-thick as well as thin-to-thin volume migrations.

Additionally, PowerPath Migration Enabler Host Copy eliminates downtime by enabling data migrations to or from any network or supported array type (both EMC and non-EMC) through the host in heterogeneous environments without the need for an underlying migration technology across multiple SAN protocols. It also enables seamless migration from plain-text to encrypted text when used in combination with PowerPath Encryption with RSA®—or its array-specific variants including VNX™ Host Encryption and CLARiiON® Host Encryption.

Use PowerPath Migration Enabler for high-performance migrations of large data sets, and for storage changes, data consolidations, or during upgrades to new equipment during lease contract renewals. Whether used with Host Copy, Open Replicator, or TimeFinder/Clone, PowerPath Migration Enabler eliminates planned downtime and assures application performance and availability during data migrations.
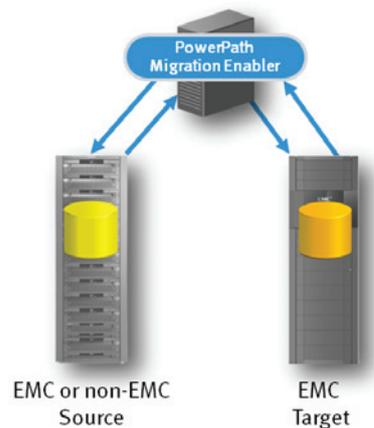
Figure 1. Host Copy for data migration using PowerPath Migration Enabler

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