Within pool migrate
Cross-pool migrate
Storage motion

New XenAPIs:
VM.receive() returns URI list
VM.migrate() used for all migrations

Issue: should we allow for a migration network?

control domain

xapi

stunnel

management network

stunnel

xapi

control domain

New SMAPIs::
VDI.get_url() returns "iscsi://"
VDI.copy()
Task.get_state()

SM

iSCSI initiator

iSCSI target

iSCSI service

iSCSI initiator

iSCSI target

iSCSI service

SM

disk copy

disk copy

storage network

tapdisk

storage domain

tapdisk

storage domain

Copies local VDIs to URIs
Has 4 queryable states:
"running": initial bulk-copy
"ready": it's a good time to migrate
"success": copy finished
"failed": copy failed

Issue: do we need more progress?

provides log-dirty tracking and an atomic query/reset API

manages local "iSCSI bus(es)"
provides a safe interface for SM
allows disks to be exported via
IET TGT daemon

all storage services should be
co-located in the storage domain i.e.
the domain with primary access to the
storage. NB this will be dom0 initially.