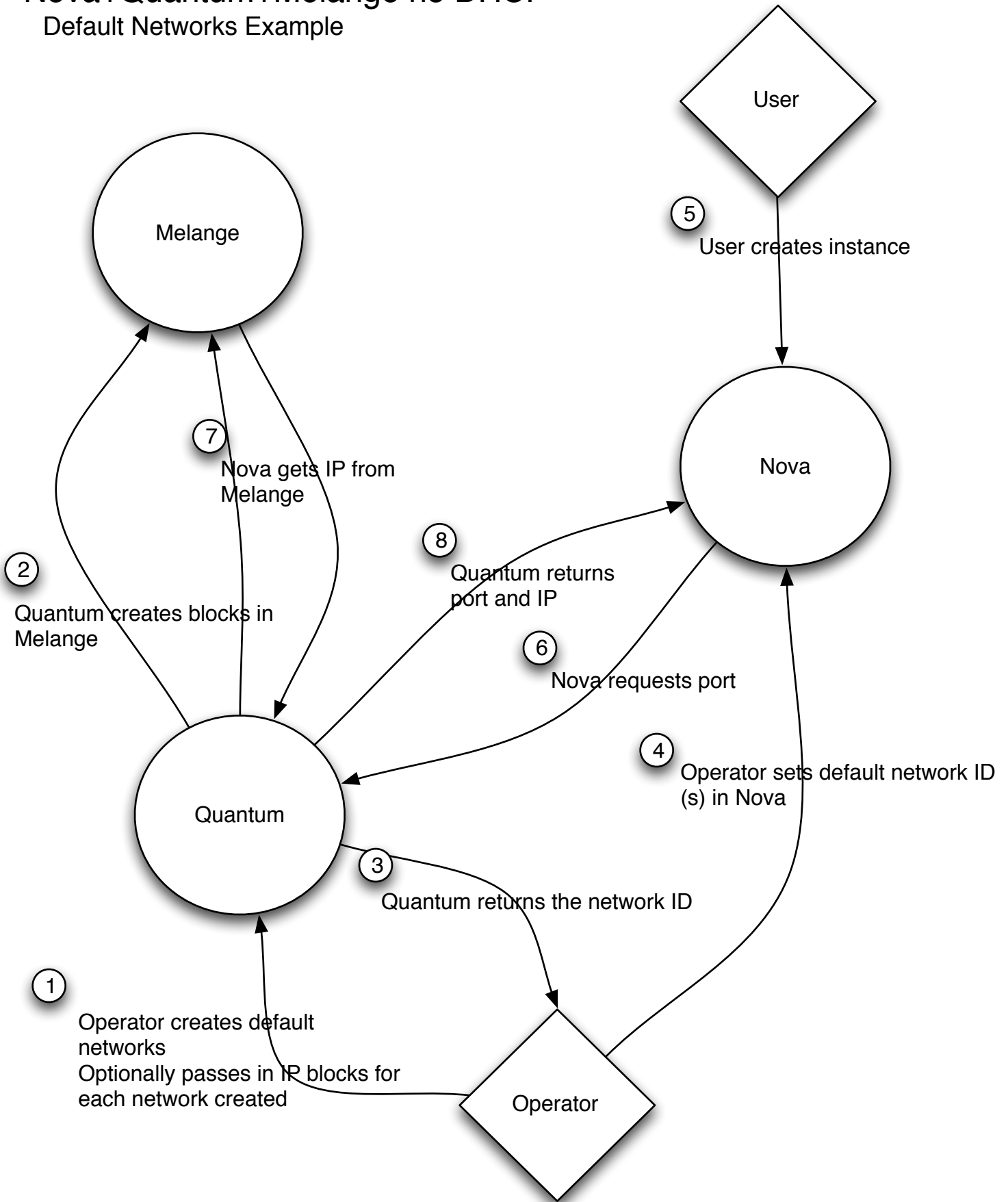


Assumptions/Terminology

- I've used DHCP as a 'generic' term for address discovery
- Nova refactoring will enable network plugins
- One plugin will be a Quantum plugin
- Default Quantum plugin will assume Quantum is consuming Melange
- Should allow plugins that only use Melange or only use Quantum
- Quantum will only track IPs when using Melange (although Quantum can be used without IP tracking standalone)

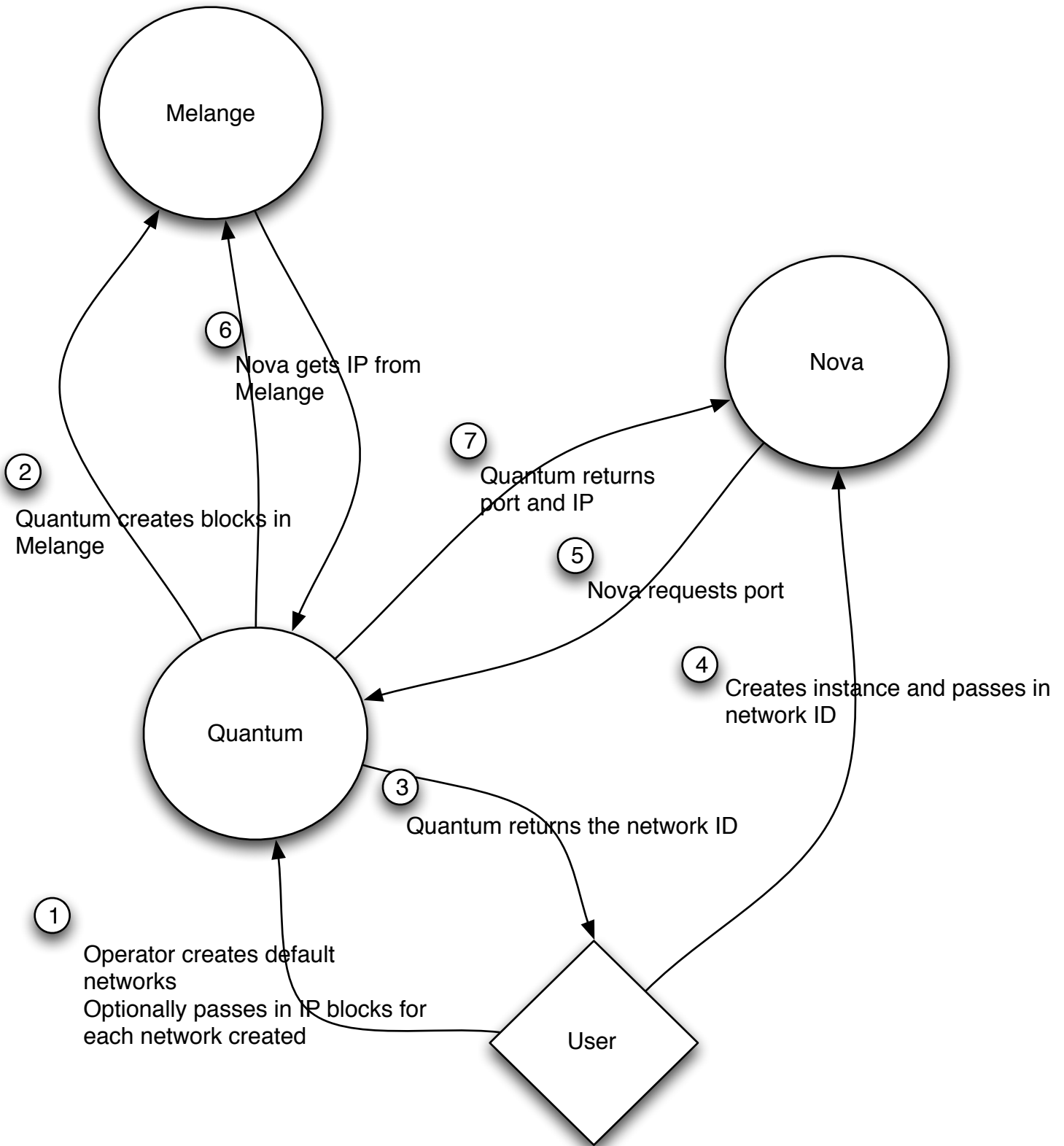
Nova+Quantum+Melange no DHCP

Default Networks Example



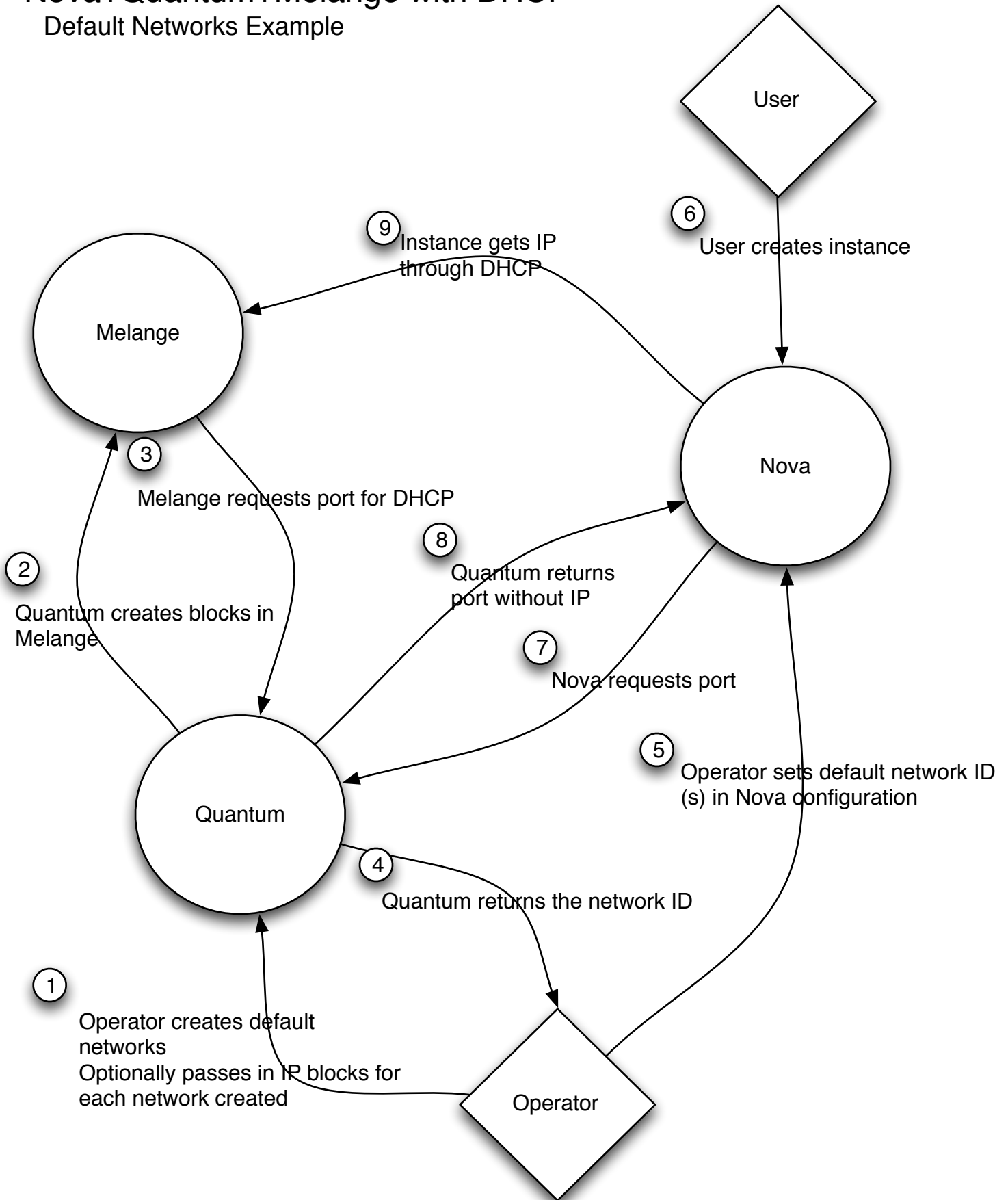
Nova+Quantum+Melange no DHCP

Private Network Example



Nova+Quantum+Melange with DHCP

Default Networks Example

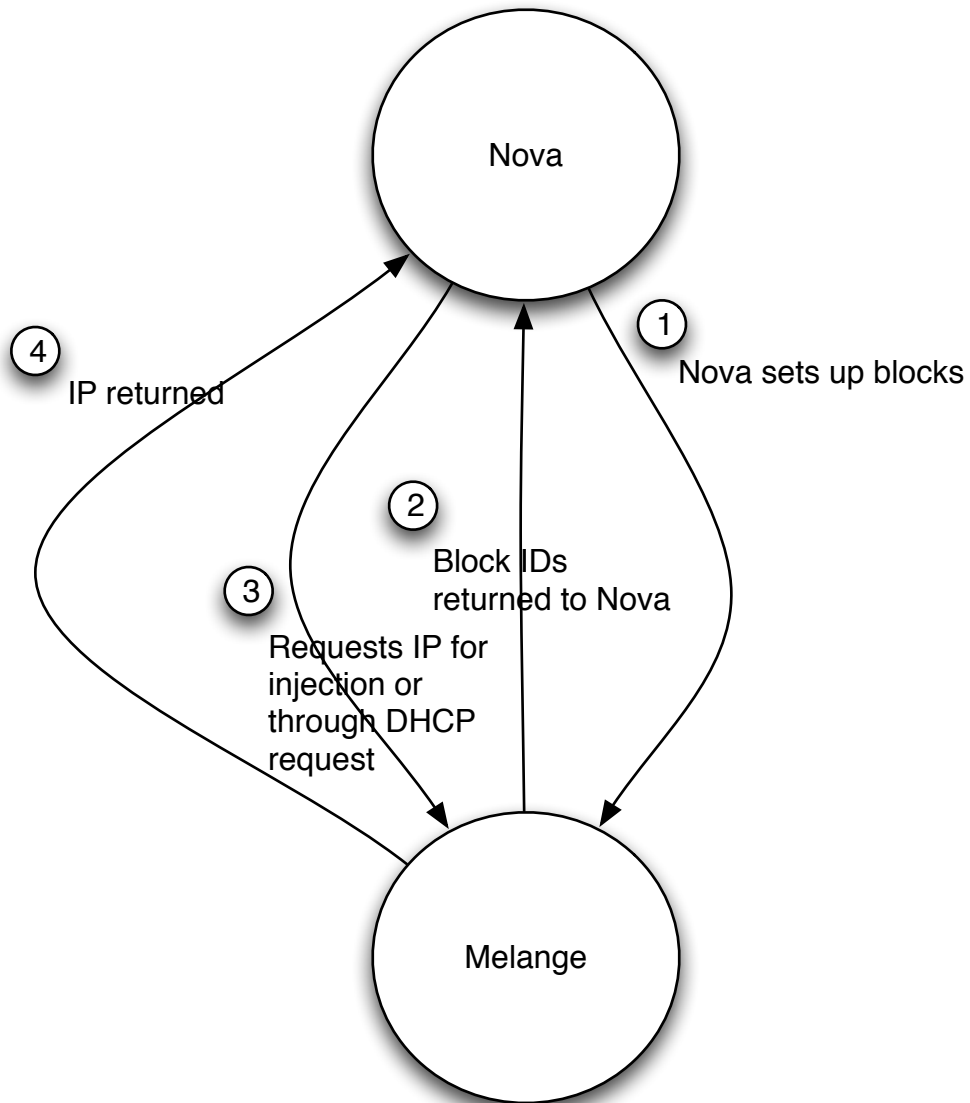


Nova+Melange

Nova plugin manages network

Melange is used for IP management

DHCP can be used but will have to be tailored for the network in the plugin



Nova+Quantum

Nova uses Quantum for network setup/management

Nova handles IP management (if using IP for networks)

