

# Computational Environment: Specific

## MULTIPLE PROCESSOR BLADE SERVER

### Virtual Machine

- 1) Data Management
- 2) Web Server
- 3) Development & Analysis

The initial configuration of openclimate.org local computing environment will be a 16 processor blade server partitioned into functions as listed.



## DATA MANAGEMENT SYSTEM (iRODS)

The data system will be developed in two stages. The first will use ~ approximate 10 TB RAID disk system. The second stage would for example use Sun's commodity-based, open source [Thumper](#) system to extend to order 100 TB.

### Data Description (Metadata)

**Data:**  
Stage 1: 10 TB RAID  
Stage 2: 100s TB Commodity