Contributing opportunistic resources to the grid with HTCondor-CE-Bosco

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Difficulties in current solution

- CE's are difficult to install & Configure

  - Authentication & Authorization schemes (host certs!)

  - Batch system configuration

- For small opportunistic sites, difficult on-ramp.

Advantages of CE-Bosco

- Built upon previous work on Bosco, designed to access opportunistic computing.

  - Flexible HTCondor-CE is specially configured to send jobs to a remote bosco enabled endpoint.

- Can centrally add clusters with only a user account on the remote cluster.

- Centrally managed authentication & authorization

- Easy on-ramp for opportunistic resoruces