CHALLENGE #40
NMSU-EDGE-01

APPLY NOW

How do we design/build scalable Edge Computing?

Meet the expectations of this US Node through the technology challenge described below

GOALS

With edge computing being one of the next major innovation fronts. A challenge is how do we build a scalable pervasive edge infrastructure where edge devices can come and go as they wish; they can authenticate themselves and the edge entities they request services from (e.g., annotation of videos, tourist information, driving suggestions); trust the data and the results of the computations; and handles the ebb-and-flow of nodes and requests.

DETAILS

Potential outcomes include: architectures, frameworks, algorithms and protocols for networking, security, and privacy, and implementations.

SKILLS REQUIRED

Explorers with research expertise in networking, security, protocol design, and security enterprise experience are highly desirable. Mandatory Skills: Networking and Security R&D expertise or working knowledge.

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