



# CHALLENGE #39

## USF-END-01

### End-to-End Security In Multi-Domain Networks

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



## GOALS

Ensuring end-to-end security in multi-domain networks has become necessary and important in enterprise computing. However, there is still a grand challenge on quantifying and measuring end-to-end security, as well as developing an efficient mechanism to ensure end-to-end security in multi-domain networks.

## OBJECTIVES

Provide a solution to systematically address the above challenge by developing a strict mathematical foundation that can be tested and verified on experiments.