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(54) Title: LLM-BASED AUTOMATIC DISCOVERY OF OT AND IT NETWORKS

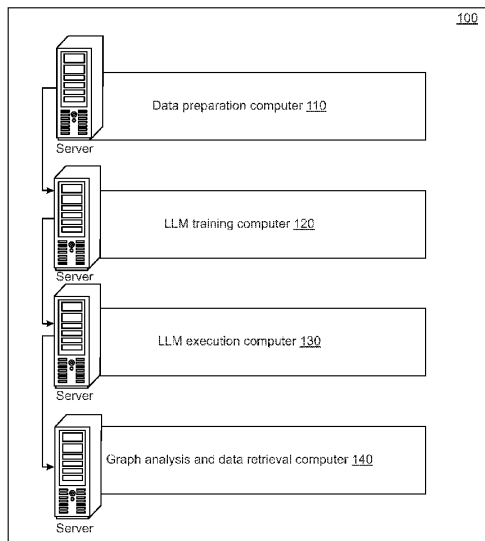


FIG. 1

(57) Abstract: The presently disclosed subject matter includes a com-
puter system and computer- implemented method for linguistic pas-
sive automatic discovery of operational technology (OT) and infor-
mation technology (IT) networks, which utilize a novel large lan-
guage model (LLM) trained to comprehensively "understand" config-
uration files, notwithstanding the fact that configuration data stored
in configuration files is not a natural language. The discovery can be
applied on networks of various sizes, including large networks com-
prising many assets (e.g., tens of thousands of endpoints and servers
or more), as well as smaller networks such as subnets, multi sites, or
even sites.

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