UGovOps SYBL Language

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The initial BNF description of SYBL language is shown below:
Constraint := constraintName : CONSTRAINT ComplexCondition
Monitoring := monitoringName : MONITORING varName=MetricFormula
Strategy := strategyName : STRATEGY CASE ComplexCondition :
action(parameterList) | strategyName : STRATEGY WAIT
ComplexCondition
               strategyName : STRATEGY STOP ComplexCondition
               strategyName : STRATEGY RESUME ComplexCondition
MetricFormula := metric | number | metricFormula MathOperator metric
metricFormula MathOperator number
ComplexCondition := Condition | ComplexCondition BitwiseOperator
Condition|(ComplexCondition BitwiseOperator Condition)
Condition := metric RelationOperator number | number RelationOperator
metric | Violated(name)|Fulfilled(name)
MathOperator := + | - | * | /
BitwiseOperator := OR | AND | XOR | NOT
RelationOperator := <|>|>=|<=|!=
We introduced governance directive for specifying the governance scope, with
all the necessary details for governing the IoT cloud (e.g., governance query, or
governance operations uncertainty details).
GovernanceID: GOVERNANCE SCOPE query := govQuery
            CONSIDERING UNCERTAINTY: govOpsUncertaintyDetails
StrategyID: STRATEGY CASE Condition: Capability FOR GovernanceID
CONSIDERING UNCERTAINTY: uncertainty_parameter1 AND
uncertainty parameter2 AND ... uncertainty parametern
ConstraintID: CONSTRAINT Condition WHEN Condition
CONSIDERING_UNCERTAINTY: uncertaintyCondition.
Examples
  G1:GOVERNANCE SCOPE
   query:= location=buildingX & type=JACE-545
   CONSIDERING UNCERTAINTY:
    missing_data = "location<='?',type<='*'" AND
    selection_strategy = optimistic AND
    use cache = false
S1:STRATEGY CASE Fulfilled(CND1):
   setUpdateRate(5s) FOR G1
  CONSIDERING_UNCERTAINTY:
     run in isolation = true AND
     keep alive = 5min AND
     degree parallelism = 200 AND
     tolerate_fault_percentage = 20% AND
     fallback count = 2 AND
     time_to_next_fallback = 500ms
  C1:CONSTRAINT responseTime<150ms WHEN nrOfUsers<900
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CONSIDERING_UNCERTAINTY:decision_confidence >=20%

S2:STRATEGY CASE Violated(C1):scaleOut()

S3:**STRATEGY CASE** Fulfilled(C1):maximize(throughput)

CONSIDERING_UNCERTAINTY: considering_strategies = S2