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Syntax

```
Action Fields f_i ::= f_{a_1} | \cdots | f_{a_k}
Result Fields f_r ::= f_{r_1} | \cdots | f_{r_k}
                                                                                                           Fields
  Actions
 Results
Predicates a, b := 0 Identity
                                                                                                                                                                                                                                        False
                                                                                                                                                               f = n Test
                                                                                                                                                                        a+b Sum
                                                                                                                                                                          a \cdot b Product
                                                                                                                                                                                                                   Negation
                                                                                                                                                                                                                Test
 Policies p, q ::=
                                                                                                                                                       a
                                                                                                                         | act(p) | Slice | Actions | res(p) | Slice | Results | Injection | Action | Injection | Result | f \leftarrow n | Update | Choice | Ch
                                                                                                                                                                                                                        Sequential Concatenation
                                                                                                                                                    p \cdot q
                                                                                                                                                                                                                        Kleene Star
```

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Semantics