

Overview of Global and Local Parameters

Policy definitions are templates that the policy engine uses to construct policies that the SAE installs on the router or provisions on the CMTS device. When you configure the policy template, you can assign parameter values. Before it creates a policy for installation on the router, the policy engine substitutes parameter values with specific values. The policy engine uses the parameter value acquisition process to obtain the specific values.

Policies can use global or local parameters:

- Global parameters—Are available to use in any policy. With global parameters, you can define parameters once and then reuse them in many policies. Typically, global parameters are not changed often, and if changes are necessary, local parameters are used.
- Local parameters—Are available only for the policy group in which the parameter is defined.

The SRC software provides many predefined built-in parameters and runtime parameters. Runtime parameters are built-in parameters that are filled in with an actual value from the running system when the policy is installed on the router. For example, the `interface_speed` parameter is filled in with the actual speed of the router interface. You cannot change the values of built-in or runtime parameters.

Related Topics

- Parameters and Substitutions .
- Configuring Global Parameters (SRC CLI)
- Configuring Local Parameters (SRC CLI)
- Viewing Predefined Global Parameters (SRC CLI)
- Parameter Types

