

## Service Parameters

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Subscribing to and activating services are only part of the functionality available through the enterprise service portal API. An enterprise service portal can also expose the power of service parameters.

An enterprise service is, at its core, a set of policies that affect network traffic when they are applied to the router interfaces associated with some subset of an enterprise's accesses. When these service policies are defined by the service provider, they can contain parameters. For example, a service that provides protection against denial-of-service attacks may limit the traffic on a specific port to a specific percentage of the bandwidth available on a router interface. Both the port and the percentage can be expressed as parameters in the service's network policies.

Service parameters allow for some very powerful functionality. For example, they allow the service provider to define a generic service that can be customized for specific enterprises or for specific sites or accesses within an enterprise. The enterprise customer can perform this customization at any time (even while the service is active) through an enterprise service portal. The enterprise service portal must invoke a method in the enterprise API to provide the value for each parameter.

For an enterprise service portal to detect service parameters configured for fragment services for an aggregate service, the parameters must be defined in the configuration for the aggregate service.

