

Configuring the Script Service

To configure the script service, you provide parameter substitutions with the values of the configuration parameters that are in the service definitions. To do so:

1. Configure parameters for the script service. See Customizing Service Implementations or Configuring Script Services (C-Web Interface)
2. Configure all the parameters listed in Table 1 on page 1.

Table 1: Parameter Definitions for DPI Services

Parameter Name	Description
dpi_sle_connection_servers	<p>IP address or hostname of the Ellacoya SLE server.</p> <p>If there is more than one server, separate entries with a comma. Enter the SLE addresses in priority order, with the primary server first. When the script service makes a connection to an SLE, it tries the addresses in the order that you entered them until it succeeds in connecting.</p> <p>If the connection is broken, the script service attempts to connect again, beginning with the first address in the list. Once the script connects to an SLE, it does not test the connection to the primary server and fail back to the primary server if the server recovers from a failure.</p>
dpi_sle_subscriber_nameattr	<p>Attribute that is used to identify a subscriber. This parameter instructs the SLE how to identify the subscriber. Usually subscribers are identified by their login name. You can also use the MAC address, primary user, NAS-Port ID, or interface name. The values for the parameter definition are:</p> <ul style="list-style-type: none">■ loginname■ primaryusername■ macaddr■ interfacename■ nasportid
dpi_sle_subscriber_ipv6supported	<p>Specifies whether or not IPv6 is supported for the DPI service. Must currently be false because IPv6 is not supported on Ellacoya systems.</p>
dpi_sle_connection_domainName	<p>Name of the domain that contains the service bundles for this service. The Ellacoya software configures service bundles by domain. This parameter value should match the domain that is configured in the Ellacoya Service Creation Manager.</p>
dpi_sle_connection_username	<p>Name used for authentication with the SLE. It must match the username that is configured in the Ellacoya Service Creation Manager.</p>
dpi_sle_connection_password	<p>Password used for authentication with the SLE.</p>

Table 1: Parameter Definitions for DPI Services *(continued)*

Parameter Name	Description
dpi_sle_accountingmgr_storesize	<p>Size limit of usage and accounting data that is stored. (A script service loads usage data from the SLE.) All script services in a virtual router share the same store.</p> <p>When the SAE requests usage data more slowly than the script service loads it from the SLE, the data accumulates in the store. When the store is filled, the script service suspends loading usage data from the SLE. However, as the SAE requests usage data, space in the store is freed, allowing the script service to resume loading data from the SLE.</p>
dpi_sle_activate_inoneshot	<p>The values for the parameter are true or false. The default value is true.</p> <p>If true, when a DPI script service is activated as an AOL subscription during subscriber login, the script service finds all AOL subscriptions and persistent sessions of the subscriber. The script service assumes that the SAE will activate all the subscriptions and sessions, and it starts an SLE subscriber session with a service offer that corresponds to the combination of the AOL subscriptions and persistent sessions.</p> <p>This optimization avoids repeatedly changing the subscriber's service offer while multiple AOL subscription or persistent sessions are activated one by one.</p> <p>Set this parameter to false if an AOL subscription or persistent session is not guaranteed to be activated during subscriber login; for example, an authorization plug-in or mutex group could prevent the activation of the services.</p>
dpi_sle_subscriber_prefix	<p>Set this parameter to match the subscriber prefix configured in the SLE. The DPI script service adds this prefix to subscriber IDs used in SLE subscriber sessions that the DPI script service starts.</p> <p>The default value is BBIP, which is also the default value used in the SLE. You can change the SLE subscriber prefix in the SubscriberPrefix field in the Accounting Service window of the SLE Configuration Console.</p>

- Related Topics**
- Setting Up Script Services for DPI
 - Service Activation and Deactivation in a DPI Environment
 - Configuring Subscriptions to DPI Services
 - Adding a Service Scope
 - Creating a DPI Script Service