



# CHAPTER 5

## Debug Commands for Auth Service

This chapter describes the command line interface (CLI) commands that you can use to debug the CWMP technology on the Cisco Broadband Access Center (Cisco BAC) Device Provisioning Engine (DPE).



### Note

Before using any debug command, ensure that DPE debugging is enabled. Run the **debug on** command to enable this function. See [debug on, page 8-5](#) for more information.

The different commands explained in this chapter are:

- [debug service auth num client-auth-all, page 5-1](#)
- [debug service auth num client-auth-failures, page 5-2](#)
- [no debug service auth num details, page 5-2](#)
- [debug service auth num errors, page 5-2](#)
- [no debug service auth num faults, page 5-2](#)
- [debug service auth num headers, page 5-2](#)

## Debug service auth

This section describes the commands that you use to debug the auth service that runs on the DPE.

Command Usage	Example
<b>debug service auth <i>num</i> client-auth-all</b>	
<b>no debug service auth <i>num</i> client-auth-all</b>	
Enables debugging of successful and failed client authentication for the auth service.  To disable debugging of successful and failed client authentication for the auth service, use the <b>no</b> form of this command.	dpe# <b>debug service auth 1 client-auth-all</b> % OK

Command Usage	Example
<b>debug service auth <i>num</i> client-auth-failures</b>	
<b>no debug service auth <i>num</i> client-auth-failures</b>	
Enables debugging of the client authentication failures for the auth service.  To disable debugging of the client authentication failures of the auth service, use the <b>no</b> form of this command.	dpe# <b>debug service auth 1 client-auth-failures</b> % OK
<b>debug service auth <i>num</i> details</b>	
<b>no debug service auth <i>num</i> details</b>	
Enables debugging the low-level details of the auth service running on the DPE.  To disable debugging the low-level details of the auth service, use the <b>no</b> form of this command.	dpe# <b>debug service auth 1 details</b> % OK
<b>debug service auth <i>num</i> errors</b>	
<b>no debug service auth <i>num</i> errors</b>	
Enables debugging of the request errors for the auth service running on the DPE.  To disable debugging of the request errors for the auth service, use the <b>no</b> form of this command.	dpe# <b>debug service auth 1 errors</b> % OK
<b>debug service auth <i>num</i> faults</b>	
<b>no debug service auth <i>num</i> faults</b>	
Enables debugging of the error responses of the auth service running on the DPE.  To disable debugging of the error responses of the auth service, use the <b>no</b> form of this command.	dpe# <b>debug service auth 1 faults</b> % OK
<b>debug service auth <i>num</i> headers</b>	
<b>no debug service auth <i>num</i> headers</b>	
Enables debugging of the request and response headers for the auth service running on the DPE.  To disable debugging of the request and response headers for the auth service, use the <b>no</b> form of this command.	dpe# <b>debug service auth 1 headers</b> % OK