

Chapter 53: Configure ONT Discovery



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Chapter 53 Configure ONT Discovery

53.1 ONT Discovery Overview

ONU discovery refers to a process in which a newly connected or offline ONU accesses the PON.

53.2 Configure ONT Discovery

53.2.1 Configure ONT Discovery

ONT auto discovery is used to configure the ONT discovery function of GPON ports. This feature is disabled by default.

Operation	Command	Remarks
Enter system view	system-view	
Configure the ONT discovery distance	ont-autofind distance min num max num interface gpon { all port_num }	
Enable ONT discovery	ont-autofind interface gpon { all port_num }	
Configure the ONT discovery interval	ont-autofind interval-time time interface gpon { all port_num }	
Enable ONT discovery aging	ont-autofind list-age interface gpon { all port_num }	
Configure ONT discovery aging time	ont-autofind list-age time num interface gpon { all port_num }	

53.2.2 Configure ONT Silent

When the ONT authentication fails, it will enter a silent state. During the silent period, the OLT does not process the SN reported by the ONT, and this function is disabled by default.

Operation	Command	Remarks
Enter system view	system-view	
Enable authentication failure ONT silence	ont-silent auth-fail interface gpon { all port_num }	
Configure the ONT silent time for authentication failure	ont-silent auth-fail time num interface gpon { all port_num }	
Enable the offline ONT silence function	ont-silent offline interface gpon { all port_num }	
Configure the offline ONT silent time	ont-silent offline time num interface gpon { all port_num }	