

LDMGlobalEnabled

IMUserDefaults

NSUserDefaults com.apple.ids FirewallOn

IDSDXPCInternalTesting

IDSDXPCInternalTesting

IDSDeliveryController

IDSFirewallStore

IDSDaemon

IDSDaemon

IDSLogs

IDSDaemon

identityservicesd

The `LDMGlobalEnabled` setting is checked in the ObjC function:

```
+[[IMUserDefaults isFirewallEnabled]
```

Where it first checks the `NSUserDefaults` for `com.apple.ids` and the key `FirewallOn` and if that is FALSE, it checks if Lockdown Mode is enabled.

This is called from the following functions:

1. `-[IDSDXPCInternalTesting triggerAllFirewallNotificationsWithHandle:delay:service:]`

In which if the Firewall is enabled it will send the firewall notifications to the IDS service.

2. `-[IDSDeliveryController _constructDeliveryPipeline]`

Where if the Firewall is enabled, it will populate the pipeline from the `IDSFirewallStore`

3. `-[IDSDaemon isFirewallOn]`

Which is just a thin wrapper and is called by:

```
-[IDSDaemon isFirewallOnForService:]
```

Which enables the Firewall for a given service and is called by `-[IDSDaemon shouldFirewallDropMessageForFromID:mergeID:service:]` and another function that builds and sends `IDSLogs`.

identityservicesd