



ConfD DP API

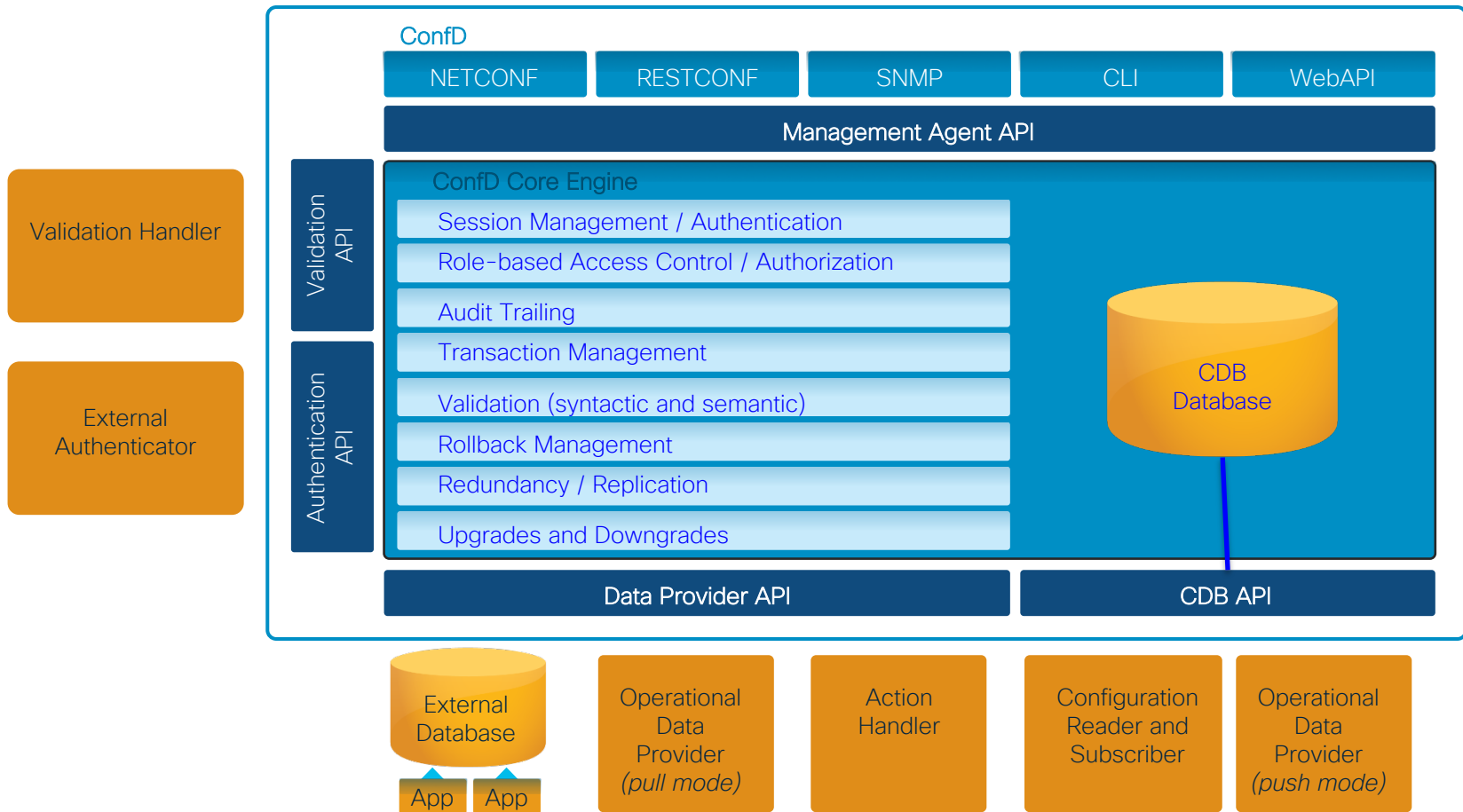
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What's the DP API

Callback library for data providers

In general, the DP API is used when the manager want's something from the agent

Also used for actions and similar tasks



Capabilities

- Provide operational data
- Provide access to external data bases
- Actions, commands, completions
- Error formatting callback
- Authorization callbacks
- (Hooks, transforms and validation)
- Sending notifications

Data Callbacks

exists_optional()	get_next_object()
get_elem()	find_next_object()
get_next()	get_case()
set_elem()	set_case()
create()	get_attr()
remove()	set_attr()
find_next()	move_after()
num_instances()	write_all()
get_object()	

Transaction Callbacks

init()	abort()
trans_lock()	commit()
trans_unlock()	finish()
write_start()	interrupt()
prepare()	

If you want to know more...

- ConfD UG – roughly chapters 7-15 – some these chapters covers topics beyond the DP API.
- `confd_lib_dp(3)` – the DP API man page
- ConfD Kickstart Guide
- App notes
 - Inside the ConfD Operational Data Provider API
 - ConfD Operational Data And External Databases
- Lots of examples

Examples

