

Intent Classification Table (Work in Progress)

Solutions	Intent Users	Intent Type		Scope: network-wide or not	Abstraction: Technical (with technical feedback) / Non-Technical (without technical feedback)	Lifecycle: Persistent (Lifecycle) or Transient (short lived)	
Carrier Networks	Network Operator	Network Service Intent	Connectivity / QoS / Security / Apps	Y	T/NT	P/T	
		Network Intent	Network-wide (service underlay or some network-wide configuration) or network resource configurations (switches, routers, routing, policies). Connectivity / Routing / QoS/ Security / Applications Policies / Traffic Steering Policies / Configuration policies / Monitoring policies, alarm generation for non-compliance, auto-recovery, etc	Y/N	T/NT	P/T	
		Operational Task Intent	Network Migration / Server Replacements / Device Replacement / Network Software Upgrades / Automate any task(s) that operator often performs Independent / affects other network or network service intents. It may be task based intent that modifies many other intents.The task itself is short-lived, but the modification of other intents has an impact on their lifecycle, so those changes must continue to be continuously monitored and self-corrected/self-optimized.	Y/N	T/NT	P/T	
	Service Designer	System Policy Intent	Intent management system policies		s		
			Design models and policies for network service design			T/NT	P/T
			Design models and policies for network design			T/NT	P/T
	Service Operator	Customer Intent	Design workflows, models and policies for task based intents			T/NT	T
			Service Operator Customer Orders			T/NT	P
			Undelay Service Orders			T/NT	P
	Customer / Subscriber	Customer Self-Service	Self-Service with Optional Value Added Service			NT	P
						P/T	
DC Networks	Cloud Administrator	Cloud Management	DC Configuration of VMs, DB Servers, App Servers		Y/N	P/T	
			Connectivity. Communication between VMs		Y/N	P	
		Cloud Resource Management	Policy driven self-configuration & auto-scaling & recovery / optimization			P/T	
	Underlay Network Administrator						
	App Developers						
	End Users						
Enterprise Networks	Enterprise Administrator						
	App Developer						
	End User						