

DCAE Services Component - Service Mesh Compatibility

DCAE Components	Protocol (based on K8S Service)	HTTPS if Optional	AAF Certificates if Optional	Client/Server (based on API if any exposed)	Secure Topic	SVC mesh complaint	Comment
VESCollector	HTTPS/HTTP	YES	YES	Server	NO	YES	
TCAgen2	HTTP	NA	YES?	NA	NO	YES	Need to verify deployment with tlsServer: false AAF certificate required for AAI communication
PRH	HTTP	NA	YES	Client	NO	YES	Need to verify deploy with tlsServer: false; possibly certificate required for AAI communication
HV-VES	HTTPS/HTTP	YES	YES	Server	NO (message-router-kafka: 9092)	YES	Need to verify deploy with tlsServer: false + security.sslDisable: true
DFC	HTTPS/HTTP	YES Default is HTTPS, but can be switched to HTTP	NO	Server	DR – Yes; MR – No	NO	DCAEEN2-3039 - DFC - Make certificate dependencies configurable (planned in Kohn)
PM-Mapper	HTTPS/HTTP	YES Default is HTTPS, but can be switched to HTTP	NO	Client	DR – Yes; MR - Yes	NO	DCAEEN2-3032 - Migrate PM-Mapper to use unauthenticated topic (Done - Jakarta) DCAEEN2-3038 - PM-Mapper - Make certificate dependencies configurable (Done - Jakarta) DR feed will be switched to http in Kohn
BBS-Eventprocessor	HTTP	NA	YES	Client	YES	YES?	Need to verify deploy with tlsServer: false + application.ssl.enableDmaapCertAuth: false Service deprecated with J release
Heartbeat MS	HTTP	NA	YES	NA	NO	YES	Need to verify deploy with tlsServer: false
DL-Feeder	HTTP	NA	YES	NA	NO	YES	Certificate probably not required
DL-AdminUI	HTTP	NA	YES	Server	NA	YES	Certificate probably not required
DL-DES	HTTP	NA	YES	Server	NA	YES	Certificate probably not required
KPI-MS	HTTP	NA	YES	Client?	YES (cambria client)	YES	DCAEEN2-3033 - Migrate KPI-MS to use unauthenticated topic - DONE (J) (has dependency on DCAEEN2-3032)
PMSH	HTTPS (default) /HTTP	YES	YES	Client	YES	YES	12/3/21 - Port hardcoded to 8443 (supports as https or http) Need to verify deploy with tlsServer: false + application_config enable_tls: false
RESTConf	HTTP	YES	NO	Client	NO (cambria client)	NO	03/04/22 - Dependent on AAF certs; if not mounted app/readiness fails. DCAEEN2-3095 - RESTConf - Make certificate dependencies configurable
SliceAnalysis MS	HTTP	YES	YES	Server?	YES (cambria client)	YES	DCAEEN2-3034 - Migrate SliceAnalysis MS to use unauthenticated topic (has dependency on DCAEEN2-3032) DONE (J)
SNMPTRap Collector	UDP	NA	YES	NA	NO	YES	
SON-Handler	HTTPS(helm) /HTTP (blueprint)	YES	YES	Client	YES (cambria client)	YES	DCAEEN2-3035 - Migrate SON-Handler to use unauthenticated topic DONE (J)
VES- Mapper	HTTP	NA	YES	NA	NO	YES	
DCAE MS Healthcheck	HTTP	NA	YES	Server	NO	YES	
VES- OpenAPI manager	HTTP	NA	YES	NA	NO	YES	
BBS	HTTPS/HTTP	YES	YES	Server	NO	YES	Service deprecated with J release