ARC VID Component Description - Honolulu-R8

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Last Reviewed on:

Certified by:

1. High Level Component Definition and Architectural Relationships

VID (Virtual Infrastructure Deployment) is a UI interface that allows the operations and network infrastructure engineers to orchestrate and change configurations related to the infrastructure expansion and maintenance.

Following is a high level orchestration component diagram that allows to show a compartmentalized view of internal VID components and shows systems that it interacts with



2. Component API definitions

VID Interacts with the following components

Interface Name	Purpose Reason For Use	Version (s)	API Spec (swagger)
SO	Interface to Service Orchestrator (SO) for various Operations - for example orchestrating a new VNF.		SO API
SDC	Interface to Service Design Catalog (SDC) for getting Service Model		SDC API
A&AI	Interface to Active & Available Inventory (A&AI) for managing Service Instances - For example for Change Management.		AAI REST API Documentation - Honolulu

Offered APIs

Entity	Method	Path Info	Description
Health Check	GET	/healthCheck	The Health Status of the application checks the DB connection.
			<pre>Used by IDNS for redundancy return response entity: - statusCode Either 200 or 500 - detailedMsg of the result, in case of failure particular error message Expected: { "statusCode": 200, "detailedMsg": "health check succeeded", "date": current date }</pre>
Health Check	GET	rest/healthCheck/{User-Agent}/{X-ECOMP-RequestID}	The Health Status of the application checks the DB connection
			<pre>return response entity: - statusCode Either 200 or 500 - detailedMsg of the result, in case of failure particular error message - date string indicating the current date & time Expected: { "statusCode": 200, "detailedMsg": "health check succeeded", "date": current date } </pre>
Commit Version	GET	/commitInfo	Displays info about the last commit of the running build
			<pre>return response entity: - commitId full id of the commit - commitMessageShort short message from the commit - commitTime time of the commit Expected: { "commitId": id of the last commit "commitId": short message of the last commit "commitTime": time of the last commit } </pre>

Maintenance APIs

Maintenance: Category Parameters	POST	/maintenance/category_parameter/ {categoryName}	Populate VID Project/Owning entity/Line of Business/Platform drop downs
			$\{ \texttt{categoryName} \}$ is one of lineOfBusiness, platform, project, owningEntity.
			POST body:
			<pre>{ "options": [<list of="" strings="">] }</list></pre>

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3. Component Description:

Virtual Infrastructure Deployment (VID) Components



4. Known System limitations

Non known.

5. System Deployment Architecture

6. New Release Capabilities



7. References

- 1. https://docs.onap.org/en/elalto/submodules/vid.git/docs/consumedapis.html
- 2. VID R4 M3 Architecture Review