

Software AG Command Central Supported Features Matrix

Innovation Release

Version 10.0

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This document applies to Software AG Command Central Version 10.0 and to all subsequent releases.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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Command Central Supported Functions for Different Releases

The following table lists the tasks the latest [Command Central](#) (v10.0) supports and minimal release version of *managed* product installation it requires. Some functions require product plugin implementation to enable this function. See the rest of the page for product specific functionality support for each release.

Command Central function	Minimal release	Product dependent
Operating and Monitoring Product Installations - 9.6+		
Add existing installations that have Platform Manager installed to the managed landscape	9.6	
List and compare installed products and fixes	9.6	
Monitor the runtime status and KPIs of runtime components	9.6	yes
Start, stop, restart, and search for runtime components	9.6	yes
View and compare configurations	9.6	yes
Access logs of run-time components	9.7	yes
Manage run-time component attributes	9.7	
Trusted outbound authentication for managed products	9.8	yes
Trusted outbound authentication for Platform Manager	9.12	
Configuring and Maintaining Product Installations - 9.7+		
Install fixes from images and master repositories	9.7	
Install fixes from local <i>mirror</i> repositories	9.8	
Configure runtime instances	9.7	yes
Runtime instances administration	9.10	yes
Creating Product Installations - 9.8+		
Bootstrap new remote installations	9.8	
Install products from mirror, master and image repositories	9.8	yes
Create instances	9.12	yes
Database schema management	9.10 (no UI)	yes
Template-Based Provisioning using Composite Templates - 9.8+		
Provision or update product environment	9.8	yes
Create or update database schemas	9.10	
Call external scripts	9.10	
Upgrading Product Installations using Composite Templates - 9.10+		
Upgrade product environment on the same hosts using composite templates	9.10	yes
Migrate product environment onto new hosts using composite templates	9.12	yes
Replicate product installation	9.12	yes

Replicate fix installation	9.12	yes
Run product migration utility	9.12	yes
Run database migration utility	9.10	
Cross-host migration	9.12	yes
Cloning installations using snapshot templates - DEPRECATED		
Clone product and fix installations using image repositories	9.6	yes
Clone configuration using snapshot templates	9.8	yes
Clone instances	not supported	yes

Supported Capabilities for Different Products and Releases

Active Transfer

Core Functions

	Function	9.12	10.0
1	Composite templates		
2	Installation	x	x
3	Fixes		
4	Instances	n/a	n/a
5	Inventory	x	x
6	Lifecycle	x	x
7	Log access	x	x
8	Monitoring KPIs		
9	Status	x	x
10	Configuration	x	x
11	Administration		
12	Migration		
13	Database		

Configuration Types

	Configuration Type	ID	9.12	10.0
1	Port settings	COMMON-PORTS	x	x

Adabas LUW

Does not support Command Central.

Alfabet

Does not support Command Central.

Apama

Core Functions

	Function	9.10	9.12	10.0
1	Composite templates			
2	Installation	x	x	x
3	Fixes	x	x	x
4	Instances (create/delete using CLI)	x	x	x
5	Instances (create/delete using web UI)		x	x
6	Inventory	x	x	x
7	Lifecycle	x	x	x
8	Log access	x	x	x
9	Status	x	x	x
10	Monitoring KPIs (correlator, IAF)	x	x	x
11	Monitoring KPIs (dashboard servers, app-defined components)		x	x
12	Configuration	x	x	x
13	Administration	n/a		
14	Migration	n/a		
15	Database	n/a		
16	Digital Event Services		x	x

Configuration Types

	ID	Description	9.10	9.12	10.0
1	COMMON-COMPONENT-ENDPOINTS	(dashboard server only)	x	x	x
2	COMMON-LICENSE	(correlator only)	x	x	x
3	COMMON-LICLOC	(correlator only)	x	x	x
4	COMMON-MEMORY	(dashboard server only)	x	x	x
5	COMMON-PORTS		x	x	x
6	APAMA-ARGS	Extra cmd line args	x	x	x
7	APAMA-ENVVAR	Environment vars	x	x	x
8	APAMA-ENGINE-CONNECT	For defining connections between correlators		x	x
9	APAMA-CORRELATOR-INITIALIZE	For injecting/sending		x	x
10	APAMA-CORRELATOR-APP-MONITORING	For adding correlator sub-components representing status of customer's application (and for 10.0+ also connectivity plugins)		x	x

Monitoring KPI's

#	KPI Type	Description	9.12	10.0
1	Correlator - Slowest Input Queue	Input queue size of slowest context	x	x
2	Correlator - Slowest Output Queue	Output queue size of slowest receiver	x	x
3	Correlator - Memory	Resident memory usage	x	x
*	<user-defined>	Correlator sub-component for user-defined KPIs for application or (10.0+) connectivity	x	x

1	IAF - Receive rate	Receive rate	x	x
2	IAF - Sent rate	Sent rate	x	x
3	IAF - Memory	Resident memory usage	x	x
1	Dashboard server - Avg trend table qry	Average instance table query (seconds)	x	x
2	Dashboard server - Avg instance tbl qry	Average trend table query (seconds)	x	x
3	Dashboard server - Memory	Memory (JVM heap used)	x	x

Apama Capital Markets Adapters

Core Functions

	Function	10.0
1	Composite templates	
2	Installation	x
3	Fixes	x
4	Instances	n/a
5	Inventory	n/a
6	Lifecycle	n/a
7	Log access	n/a
8	Status	n/a
9	Monitoring KPIs	n/a
10	Configuration	n/a
11	Administration	n/a
12	Migration	n/a
13	Database	n/a

API Gateway

Core Functions

#	Function	9.8	9.9	9.10	9.12	10.0
1	Composite templates					
2	Installation				x	x
3	Fixes				x	x
4	Instances	n/a				
5	Inventory					
6	Lifecycle	n/a				
7	Log access	n/a				
8	Status					
9	Monitoring KPIs					
10	Configuration					
11	Administration					

12	Migration					
13	Database					

API Portal

Does not support Command Central.

Application Platform

Core Functions

	Function	9.9	9.10	9.12	10.0
1	Composite templates				
2	Installation	x	x	x	x
3	Fixes	x	x	x	x
4	Instances	n/a			
5	Inventory	x	x	x	x
6	Lifecycle	n/a			
7	Log access	n/a			
8	Status	x	x	x	x
9	Monitoring KPIs				
10	Configuration	x	x	x	x
11	Administration	n/a			
12	Migration				x
13	Database	n/a			

Configuration Types

#	Configuration Type	9.9	9.10	9.12	10.0
1	System properties	x	x	x	x

ApplinX

Does not support Command Central.

ARIS / ARIS GRC

Does not support Command Central.

Broker

Core Functions

	Function	9.6
1	Composite templates	
2	Installation	x
3	Fixes	x
4	Instances	
5	Inventory	x
6	Lifecycle	x
7	Log access	
8	Status	x
9	Monitoring KPIs	x
10	Configuration	x
11	Administration	
12	Migration	
13	Database	n/a

Configuration Types

	Configuration Type	9.6
1	Licenses	x
2	Ports	x

Business Rules

Core Functions

	Function	9.6	9.7	9.8	9.9	9.10	9.12	10.0
1	Composite templates			x	x	x	x	x
2	Installation			x	x	x	x	x
3	Fixes		x	x	x	x	x	x
4	Instances	n/a						
5	Inventory	x	x	x	x	x	x	x
6	Lifecycle	x	x	x	x	x	x	x
7	Log access	n/a						
8	Status	x	x	x	x	x	x	x
9	Monitoring KPIs							
10	Configuration		x	x	x	x	x	x
11	Administration							
12	Migration					x	x	x
13	Database	x	x	x	x	x	x	x

Configuration Types

	Configuration Type	9.7	9.8	9.9	9.10	9.12	10.0
1	Licenses	x	x	x	x	x	x
2	Endpoints		x	x	x	x	x
3	REST endpoints				x	x	x
4	Provider Service					x	x

CentraSite

Core Functions

	Function	9.6	9.7	9.8	9.9	9.10	9.12	10.0
1	Composite templates							
2	Installation			x	x	x	x	x
3	Fixes							
4	Instances	n/a						
5	Inventory	x	x	x	x	x	x	x
6	Lifecycle	x	x	x	x	x	x	x
7	Log access							
8	Status	x	x	x	x	x	x	x
9	Monitoring KPIs							
10	Configuration							
11	Administration							
12	Migration							
13	Database							

Command Central

Core Functions

	Function	9.6	9.7	9.8	9.9	9.10	9.12	10.0
1	Composite templates			x	x	x	x	x
2	Installation			x	x	x	x	x
3	Fixes		x	x	x	x	x	x
4	Instances	n/a						
5	Inventory	x	x	x	x	x	x	x
6	Lifecycle	x	x	x	x	x	x	x
7	Log access		x	x	x	x	x	x
8	Status	x	x	x	x	x	x	x
9	Monitoring KPIs	x	x	x	x	x	x	x
10	Configuration	x	x	x	x	x	x	x
11	Administration							
12	Migration					x	x	x
13	Database	n/a						

Configuration Types

Configuration Type	ID	9.6	9.7	9.8	9.9	9.10	9.12	10.0
Authentication	COMMON-JAAS	x	x	x	x	x	x	x
Groups	SIN-INTERNAL-GROUPS	x	x	x	x	x	x	x
JVM options	COMMON-JVM-OPTIONS					x	x	x
Java system properties	COMMON-SYSPROPS			x	x	x	x	x
LDAP	COMMON-LDAP				x	x	x	x
License	COMMON-LICENSE	x	x	x	x	x	x	x
Memory	COMMON-MEMORY		x	x	x	x	x	x
Ports	COMMON-PORTS	x	x	x	x	x	x	x
Properties	COMMON-SYSPROPS	x	x	x	x	x	x	x
Proxy	COMMON-PROXY		x	x	x	x	x	x
Security Roles	SIN-INTERNAL-ROLES	x	x	x	x	x	x	x
Internal Users	COMMON-LOCAL-USERS		x	x	x	x	x	x
Logs	COMMON-LOG	x	x	x	x	x	x	x
Credentials	COMMON-CREDENTIALS							x
Layer Types	CCE-LAYER-TYPES							x

Monitoring KPIs

KPI Type	Description	9.x	10.0
JVM CPU Load	CCE profile average CPU load	x	x
JVM Memory	CCE profile memory consumption	x	x
JVM Threads	CCE profile number of threads	x	x

Administration Types

Administration Namespace	Description	9.12	10.0
none			

Migration Types

	Type	9.10	9.12	10.0
1	Same installation directory, hosts, ports			
2	New installation directory, same hosts, ports	x	x	x
3	New installation directory, ports, same hosts	x	x	x
4	New hosts	x	x	x

Digital Event Services

Core Functions

	Function	9.12	10.0
1	Composite templates	x	x
2	Installation	x	x
3	Fixes	x	x

4	Instances	n/a	
5	Inventory	x	x
6	Lifecycle	n/a	
7	Log access	n/a	
8	Status	x	x
9	Monitoring KPIs		
10	Configuration	x	x
11	Administration		
12	Migration		
13	Database	n/a	

Configuration Types

	Configuration Type	9.12	10.0
1	Event persistence		x
2	Event type associations	x	x
3	Messaging services	x	x
4	Runtime	x	x
5	Service groups	x	x

EntireX Broker

Core Functions

	Function	9.9	9.10	9.12
1	Composite templates			
2	Installation			
3	Fixes			
4	Instances	x	x	x
5	Inventory	x	x	x
6	Lifecycle	x	x	x
7	Log access	x	x	x
8	Status	x	x	x
9	Monitoring KPIs	x	x	x
10	Configuration	x	x	x
11	Administration			x
12	Migration			
13	Database	n/a		

Configuration Types

	Configuration Type	9.9	9.10	9.12
1	Application monitoring		x	x
2	Attributes	x	x	x
3	Autostart	x	x	x

4	Loggers	x	x	x
5	Ports	x	x	x
6	PStore		x	x
7	Security		x	x
8	Trace level		x	x

Event Data Store

Core Functions

	Function	9.12	10.0
1	Composite templates		
2	Installation		
3	Fixes		
4	Instances	n/a	
5	Inventory	x	x
6	Lifecycle	x	x
7	Log access	x	x
8	Status	x	x
9	Monitoring KPIs		
10	Configuration		
11	Administration		
12	Migration		
13	Database	n/a	

Event Persistence

Core Functions

	Function	9.12	10.0
1	Composite templates		
2	Installation		
3	Fixes		
4	Instances	n/a	
5	Inventory	n/a	
6	Lifecycle	n/a	
7	Log access	n/a	
8	Status	n/a	
9	Monitoring KPIs	n/a	
10	Configuration	x	x
11	Administration	n/a	
12	Migration		

13	Database	n/a
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Configuration Types

	Configuration Type	9.12	10.0
1	Event Persistence for Elasticsearch 2.3.2	x	x
2	Event Persistence for Elasticsearch 1.7.2	x	
3	Event Persistence for CDH HDFS 5.3	x	x

Event Routing Framework

Core Functions

	Function	9.9	9.10	9.12	10.0
1	Composite templates				
2	Installation	x	x	x	x
3	Fixes				
4	Instances	n/a			
5	Inventory	x	x	x	x
6	Lifecycle	x	x	x	x
7	Log access	n/a			
8	Status	x	x	x	x
9	Monitoring KPIs				
10	Configuration				
11	Administration				
12	Migration				
13	Database	n/a			

Configuration Types

	Configuration Type	9.9	9.10	9.12	10.0
1	Event persistence	x	x	x	x
2	Event type associations	x	x	x	x
3	Messaging services	x	x	x	x
4	Runtime	x	x	x	x
5	Service groups	x	x	x	x

Infrastructure Data Collector

Core Functions

	Function	9.6	9.7	9.8	9.9	9.10	9.12	10.0
1	Composite templates							
2	Installation			x	x	x	x	x
3	Fixes		x	x	x	x	x	x

4	Instances	n/a					
5	Inventory	x	x	x	x	x	x
6	Lifecycle	x	x	x	x	x	x
7	Log access	x	x	x	x	x	x
8	Status	x	x	x	x	x	x
9	Monitoring KPIs	x	x	x	x	x	x
10	Configuration	x	x	x	x	x	x
11	Administration						
12	Migration						x
13	Database	n/a					

Configuration Types

	Configuration Type	9.6	9.7	9.8	9.9	9.10	9.12	10.0
1	Memory		x	x	x	x	x	x
2	Ports	x	x	x	x	x	x	x
3	Proxy		x	x	x	x	x	x
4	JVM Options						x	x
5	Java System Properties						x	x
6	Collector Settings							x
7	Endpoints							x
8	JNDI							x
9	Resource module settings							x

Integration Server

Core Functions

	Function	9.6	9.7	9.8	9.9	9.10	9.12	10.0
1	Composite templates			x	x	x	x	x
2	Installation			x	x	x	x	x
3	Fixes		x	x	x	x	x	x
4	Instances	x	x	x	x	x	x	x
5	Inventory	x	x	x	x	x	x	x
6	Lifecycle	x	x	x	x	x	x	x
7	Log access	x	x	x	x	x	x	x
8	Status	x	x	x	x	x	x	x
9	Monitoring KPIs	x	x	x	x	x	x	x
10	Configuration	x	x	x	x	x	x	x
11	Administration							
12	Migration					x	x	x
13	Database					x	x	x
14	Trusted authentication			x	x	x	x	x

Configuration Types

	Configuration Type	9.6	9.7	9.8	9.9	9.10	9.12	10.0
1	Cluster		x	x	x	x	x	x
2	Database connection	x	x	x	x	x	x	x
3	Database functional aliases	x	x	x	x	x	x	x

4	JMS aliases	x	x	x	x	x	x	x
5	JNDI aliases	x	x	x	x	x	x	x
6	JVM options					x	x	x
7	Keystores	x	x	x	x	x	x	x
8	LDAP				x	x	x	x
9	Licenses	x	x	x	x	x	x	x
10	Loggers	x	x	x	x	x	x	x
11	Memory		x	x	x	x	x	x
12	Ports	x	x	x	x	x	x	x
13	Proxy		x	x	x	x	x	x
14	Remote servers			x	x	x	x	x
15	Resources	x	x	x	x	x	x	x
16	SMTP settings	x	x	x	x	x	x	x
17	System properties	x	x	x	x	x	x	x
18	Truststores	x	x	x	x	x	x	x
19	Users		x	x	x	x	x	x
20	Variables	x	x	x	x	x	x	x
21	Web service endpoints		x	x	x	x	x	x
22	webMethods messaging	x	x	x	x	x	x	x

Migration Types

	Type	9.10	9.12	10.0
1	Same installation directory, hosts, ports, db	x	x	x
2	New installation directory, same hosts, ports, db	x	x	x
3	New installation directory, ports, same hosts, db	x	x	x
4	New hosts, cloned db		x	x

MashZone NextGen

Does not support Command Central.

Mediator

Core Functions

	Function	9.8	9.9	9.10	9.12	10.0
1	Composite templates					
2	Installation					x
3	Fixes					x
4	Instances	n/a				
5	Inventory					
6	Lifecycle	n/a				
7	Log access	n/a				
8	Status					
9	Monitoring KPIs					

10	Configuration					
11	Administration					
12	Migration					
13	Database	n/a				

Migration Types

	Type	9.10	9.12	10.0
1	Same installation directory, hosts, ports, db			
2	New installation directory, same hosts, ports, db			
3	New installation directory, ports, same hosts, db			
4	New hosts, cloned db			

Monitor

Core Functions

	Function	9.6	9.7	9.8	9.9	9.10	9.12	10.0
1	Composite templates			x	x	x	x	x
2	Installation			x	x	x	x	x
3	Fixes		x	x	x	x	x	x
4	Instances	n/a						
5	Inventory		x	x	x	x	x	x
6	Lifecycle		x	x	x	x	x	x
7	Log access	n/a						
8	Status		x	x	x	x	x	x
9	Monitoring KPIs							
10	Configuration		x	x	x	x	x	x
11	Administration							
12	Migration					x	x	x
13	Database					x	x	x

Configuration Type

	Configuration Type	9.7	9.8	9.9	9.10	9.12	10.0
1	Endpoints	x	x	x	x	x	x

My webMethods Server

Core Functions

	Function	9.6	9.7	9.8	9.9	9.10	9.12	10.0
1	Composite templates			x	x	x	x	x
2	Installation			x	x	x	x	x
3	Fixes		x	x	x	x	x	x
4	Instances			x	x	x	x	x
5	Inventory	x	x	x	x	x	x	x

6	Lifecycle	x	x	x	x	x	x	x
7	Log access				x	x	x	x
8	Status	x	x	x	x	x	x	x
9	Monitoring KPIs	x	x	x	x	x	x	x
10	Configuration	x	x	x	x	x	x	x
11	Administration							
12	Migration					x	x	x
13	Database					x	x	x
14	Trusted authentication				x	x	x	x

Configuration Types

	Configuration Type	9.6	9.7	9.8	9.9	9.10	9.12	10.0
1	Cluster		x	x	x	x	x	x
2	Database	x	x	x	x	x	x	x
3	Endpoints			x	x	x	x	x
4	JVM options					x	x	x
5	Keystores	x	x	x	x	x	x	x
6	Licenses	n/a						
7	Loggers							
8	Memory		x	x	x	x	x	x
9	Ports	x	x	x	x	x	x	x
10	Proxy		x	x	x	x	x	x
11	SMTP settings	x	x	x	x	x	x	x
12	System Properties			x	x	x	x	x
13	Truststores	x	x	x	x	x	x	x
14	Internal Users		x	x	x	x	x	x
15	Variables		x	x	x	x	x	x
16	LDAP							

Migration Types

	Type	9.10	9.12
1	Same installation directory, hosts, ports, db	x	x
2	New installation directory, same hosts, ports, db	x	x
3	New installation directory, ports, same hosts, db	x	x
4	New hosts, cloned db		x

OneData

Core Functions

	Function	9.6	9.7	9.8	9.9	9.10	9.12	10.0
1	Composite templates							
2	Installation			x	x	x	x	x
3	Fixes							
4	Instances	n/a						
5	Inventory	x	x	x	x	x	x	x
6	Lifecycle	x	x	x	x	x	x	x

7	Log access	x	x	x	x	x	x	x
8	Status	x	x	x	x	x	x	x
9	Monitoring KPIs	x	x	x	x	x	x	x
10	Configuration	x	x	x	x	x	x	x
11	Administration							
12	Migration							
13	Database							

Configuration Type

	Configuration Type	9.x
1	Ports	x

Optimize Analytic Engine

Core Functions

	Function	9.7	9.8	9.9	9.10	9.12	10.0
1	Composite templates						
2	Installation			x	x	x	x
3	Fixes						
4	Instances	n/a					
5	Inventory			x	x	x	x
6	Lifecycle			x	x	x	x
7	Log access						x
8	Status			x	x	x	x
9	Monitoring KPIs						
10	Configuration						x
11	Administration						
12	Migration						
13	Database				x	x	x

Configuration Types

	Configuration Type	9.9	9.10	9.12	10.0
1	Event Routing <ul style="list-style-type: none"> Event persistence Event type associations Messaging services Runtime configuration Service Groups 	x	x	x	x
2	Clustering				x
3	Email				x
4	Endpoints				x
5	Databases				x
6	Functional Aliases				x
7	JNDI				x
8	Logging				x
9	Properties				x

Optimize User Interface

Core Functions

	Function	9.7	9.8	9.9	9.10	9.12	10.0
1	Composite templates		x	x	x	x	x
2	Installation		x	x	x	x	x
3	Fixes						
4	Instances	n/a					
5	Inventory		x	x	x	x	x
6	Lifecycle	n/a					
7	Log access						x
8	Status		x	x	x	x	x
9	Monitoring KPI's	n/a					
10	Configuration		x	x	x	x	x
11	Administration	n/a					
12	Migration				x		
13	Database				x		

Configuration Type

	Configuration Type	9.8	9.9	9.10	9.12	10.0
1	Endpoints	x	x	x	x	x

Optimize Web Service Data Collector

Core Functions

	Function	9.7	9.8	9.9	9.10	9.12	10.0
1	Composite templates						
2	Installation				x	x	x
3	Fixes						
4	Instances	n/a					
5	Inventory				x	x	x
6	Lifecycle				x	x	x
7	Log access					x	x
8	Status				x	x	x
9	Monitoring KPI's						
10	Configuration						x
11	Administration						
12	Migration						
13	Database	n/a					

Configuration Types

	Configuration Type	10.0
1	Endpoints	x
2	JNDI	x
3	Logging	x
4	Properties	x

Platform Manager

Core Functions

	Function	9.6	9.7	9.8	9.9	9.10	9.12	10.0
1	Composite templates			x	x	x	x	x
2	Installation			x	x	x	x	x
3	Fixes		x	x	x	x	x	x
4	Instances	n/a						
5	Inventory	x	x	x	x	x	x	x
6	Lifecycle (restart only)	x	x	x	x	x	x	x
7	Log access	x	x	x	x	x	x	x
8	Status	x	x	x	x	x	x	x
9	Monitoring KPIs	x	x	x	x	x	x	x
10	Configuration	x	x	x	x	x	x	x
11	Administration						x	x
12	Migration	n/a						
13	Database	n/a						

Configuration Types

	Configuration Type	9.6	9.7	9.8	9.9	9.10	9.12	10.0
1	Authentication	x	x	x	x	x	x	x
2	User Groups	x	x	x	x	x	x	x
3	JVM Options					x	x	x
4	Java system properties							x
5	Licenses	n/a						
6	Memory		x	x	x	x	x	x
7	Ports	x	x	x	x	x	x	x
8	Properties	x	x	x	x	x	x	x
9	Proxy		x	x	x	x	x	x
10	Security Roles	x	x	x	x	x	x	x
11	Internal Users		x	x	x	x	x	x
12	LDAP (not needed)					x		

Administration Types

Administration namespace	Description	9.12	10.0
Diagnostics	Plugins information	x	x

Predictive Analytics Engine

Core Functions

	Function	10.0
1	Composite templates	
2	Installation	x
3	Fixes	x
4	Instances (create/delete using CLI)	n/a
5	Instances (create/delete using web UI)	n/a
6	Inventory	n/a
7	Lifecycle	n/a
8	Log access	n/a
9	Status	n/a
10	Monitoring KPIs (correlator, IAF)	n/a
11	Configuration	n/a
12	Administration	n/a
13	Migration	n/a
14	Database	n/a
15	Digital Event Services sub-component	n/a

Predictive Analytics Plug-in for Apama

Core Functions

	Function	10.0
1	Composite templates	
2	Installation	x
3	Fixes	x
4	Instances (create/delete using CLI)	n/a
5	Instances (create/delete using web UI)	n/a
6	Inventory	n/a
7	Lifecycle	n/a
8	Log access	n/a
9	Status	n/a
10	Monitoring KPIs (correlator)	n/a
11	Configuration	n/a
12	Administration	n/a

13	Migration	n/a
14	Database	n/a
15	Digital Event Services sub-component	n/a

Process Performance Manager

Core Functions

	Function	9.12	10.0
1	Composite templates		
2	Installation		
3	Fixes		
4	Instances	n/a	
5	Inventory	x	x
6	Lifecycle	x	x
7	Log access	x	x
8	Status	x	x
9	Monitoring KPIs	x	x
10	Configuration		
11	Administration		
12	Migration		
13	Database		

Configuration Types

None.

Product Monitoring KPI's

KPI Type	Description	9.12	10.0
JVM CPU Load	CPU usage	x	x
JVM Memory	Used heap (including garbage)	x	x
JVM Old Gen Memory	Collection usage of old generation memory pool	x	x
JVM Threads	Threads in the JVM	x	x

Task Engine

Core Functions

	Function	9.6	9.7	9.8	9.9	9.10	9.12	10.0
1	Composite templates			x	x	x	x	x
2	Installation			x	x	x	x	x
3	Fixes		x	x	x	x	x	x
4	Instances	n/a						
5	Inventory	x	x	x	x	x	x	x

6	Lifecycle	n/a				
7	Log access		x	x	x	x
8	Status		x	x	x	x
9	Monitoring KPIs					
10	Configuration		x	x	x	x
11	Administration					
12	Migration				x	x
13	Database				x	x

Configuration Types

	Configuration Type	9.8	9.9	9.10	9.12	10.0
1	Endpoints	x	x	x	x	x

Terracotta

Core Functions

	Function	9.7	9.8	9.9	9.10	9.12	10.0
1	Composite templates		x	x	x	x	x
2	Installation		x	x	x	x	x
3	Fixes						
4	Instances	n/a					
5	Inventory		x	x	x	x	x
6	Lifecycle		x	x	x	x	x
7	Log access		x	x	x	x	x
8	Status		x	x	x	x	x
9	Monitoring KPIs		x	x	x	x	x
10	Configuration		x	x	x	x	x
11	Administration						
12	Migration				x	x	x
13	Database	n/a					

Configuration Types

	Configuration Type	9.8	9.9	9.10	9.12	10.0
1	Cluster	x	x	x	x	x
2	Licenses	x	x	x	x	x
3	Memory	x	x	x	x	x
4	Ports	x	x	x	x	x
5	Server name	x	x	x	x	x
6	TC-CONFIG	x	x	x	x	x

Migration Types

	Type	9.10	9.12	10.0
1	Same installation directory, hosts, ports	x	x	x
2	New installation directory, same hosts, ports	x	x	x

3	New installation directory, ports, same hosts	x	x	x
4	New hosts			

Universal Messaging

Core Functions

	Function	9.6	9.7	9.8	9.9	9.10	9.12	10.0
1	Composite templates			x	x	x	x	x
2	Installation			x	x	x	x	x
3	Fixes		x	x	x	x	x	x
4	Instances		x	x	x	x	x	x
5	Inventory	x	x	x	x	x	x	x
6	Lifecycle	x	x	x	x	x	x	x
7	Log access		x	x	x	x	x	x
8	Status	x	x	x	x	x	x	x
9	Monitoring KPIs	x	x	x	x	x	x	x
10	Configuration	x	x	x	x	x	x	x
11	Administration						x	x
12	Migration					x	x	x
13	Database	n/a						

Configuration Types

	Configuration Type	ID	9.6	9.7	9.8	9.9	9.10	9.12	10.0
1	Channels	UM-CHANNELS						x	x
2	Cluster	COMMON-CLUSTER		x	x	x	x	x	x
3	JNDI Connection Factories	UM-JNDI-CF					x	x	x
4	JNDI Destinations	UM-JNDI-DEST					x	x	x
5	Licenses	COMMON-LICENSE	x	x	x	x	x	x	x
6	Licenses	COMMON-LICLOC	x	x	x	x	x	x	x
7	Memory	COMMON-MEMORY		x	x	x	x	x	x
8	Queues	UM-QUEUES						x	x
9	Realm Configuration Properties	COMMON-SYSPROPS				x	x	x	x
10	Realm ACLs	UM-REALM-ACL							x
11	Ports	COMMON-PORTS	x	x	x	x	x	x	x
12	Tanuki wrapper properties	COMMON-JAVASYSPPROPS							x
13	Users	COMMON-LOCAL-USERS		x	x	x	x	x	x

Administration Types

Administration namespace	Description	9.12	10.0
Channels	Channel Monitoring	x	x
Queues	Queue Monitoring	x	x
Durable Subscribers	Durable subscribers monitoring and deletion	x	x
Durable Subscribers	Durable subscribers events browsing and deletion		x

Migration Types

	Type	9.10	9.12	10.0
1	Same installation directory, hosts, ports	x	x	x
2	New installation directory, same hosts, ports	x	x	x
3	New installation directory, ports, same hosts	x	x	x
4	New hosts		x	x